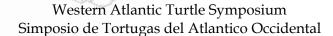
### THE NATIONAL REPORT EL REPORTE NACIONAL

FOR THE COUNTRY OF POR EL PAIS DE

### ST VINCENT SAN VICENTE

NATIONAL REPRESENTATIVE / REPRESENTANTE NACIONAL

### **KERWYN MORRIS**





17-22 July / Julio 1983 San José, Costa Rica St. Vincent & Grenadines National Report, WATS I Vol 3, pages 381-385



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

### NATIONAL REPORT FOR THE COUNTRY OF

### **ST. VINCENT and the GRENADINES**

NATIONAL REPORT PRESENTED BY

### **Kerwyn Morris**

The National Representative

Address:

Fisheries Officer

Ministry of Trade and Agriculture

St. Vincent & the Grenadines, West Indies

NATIONAL REPORT PREPARED BY

Kerwyn Morris

DATE SUBMITTED:

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.

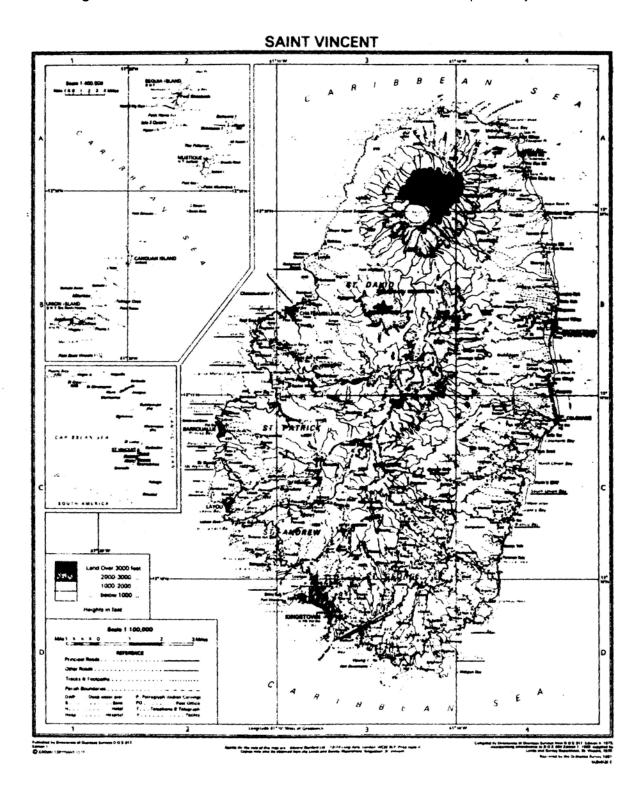
Despite the potential value of this information to agencies responsible for conducting stock assessments, monitoring recovery trends, and safeguarding critical habitat in the 21st century, the hand-written National Reports, largely illegible in the published proceedings, have slipped into obscurity. 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 <a href="http://www.widecast.org/What/RegionalPrograms.html">http://www.widecast.org/What/RegionalPrograms.html</a>.

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:

Morris, K. 1984. <u>National Report for Saint Vincent & the Grenadines</u>, pp.381-385. *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. Saint Vincent and the Grenadines – W.A.T.S. National Report Study Area.<sup>1</sup>



<sup>&</sup>lt;sup>1</sup> 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.

### **COUNTRY: SAINT VINCENT AND THE GRENADINES**

400.16	
180 KM	
2,484 Km	
5 Km	
5 Km	
	5 Km

<sup>\*</sup> 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)	90.00	30.00	120.00
A. High Energy	55.00	10.00	65.00
B. Low Energy	35.00	20.00	55.00
2. Reef (exposed)	7.00	0.00	7.00
3. Rocks	3.00	0.00	3.00
4. Cliffs	1.00	0.00	1.00
5. Vegetation (Total)	4.50	0.00	4.50
A. Vines	0.00	0.00	0.00
B. Grasses	0.00	0.00	0.00
C. Mangroves	0.50	0.00	0.50
D. Coconut Trees	4.00	0.00	4.00
E. Other Trees or Shrubs	0.00	0.00	0.00
F. Marshes	0.00	0.00	0.00
6. Mouths of Lagoons, Rivers, Canals	0.00	0.00	0.00
7. Total Shoreline	105.50	***30.00	***135.50

<sup>\*</sup> Refer to SEA TURTLE MANUAL (Aerial Survey)
\*\* Human development or use (See MANUAL)

<sup>\*\*\*</sup> Editor's note (2009): Totals corrected from original to reflect accuracy in summed values

TABLE 2A. MARINE HABITA	T INVENTORY OF BOTTOM TYPE	ES (supplementary page)
Habitat Bottom Types	Km <sup>2</sup> o	f Habitat
	Inside 25m (shoreward)	Outside 25m (shoreward)
1. Sand	200	725
2. Mud	75	
3. Rocks		
4. Submerged Vegetation	300	300 - 795
5. Reefs (Total)		
A. Fringing Reefs		
B. Patch Reefs		
6. Other:		

TABLE 3.1. NESTING BEA			
List beaches in geographic	sequence. Provide a	dditional information on follo	wing page.
Name of Beach	Length In Km	Species Nesting (use abbreviations) *	Months of Recorded Nesting
<ol> <li>Richmond Beach</li> </ol>	1.50	E	
<ol><li>Chateau Belair Bay</li></ol>	0.70	E	
<ol><li>Petit Border Bay</li></ol>	0.20	E	
4. Troumaka Bay	0.20	E	
5. Cumberland Bay	0.20	Е	
6. Wallilabou Bay	0.15	E	
7. Kearton's Bay	0.08	E	
8. Peter's Hope Bay	0.10	Е	
9. Mount Wynn Bay	0.30	E	
10. Lowman's Bay	0.20	E	
11. Brighton Bay	0.35	D, E	
12. Stubbs Bay	0.20	D, E	
13. Biabou Bay	0.25	D, E	
14. South Union Bay	0.50	Е	
15. Georgetown Bay	1.50	D, E	
16. Sandy Bay	0.50	Е	
Species *	Abbreviation		
Caretta caretta	Сс		
Chelonia mydas	Cm		
Dermochelys coriacea	D		
Eretmochelys imbricata	E		
Lepidochelys kempi	Lk		
Lepidochelys olivacea	Lo		

TABLE 3.2. NESTING BEA			
List beaches in geographic	sequence. Provide a	additional information on follo	wing page.
Name of Beach	Length In Km	Species Nesting (use abbreviations) *	Months of Recorded Nesting
1. Miss Irene	0.20	E	
2. Campbell	0.10	E	
3. Chapman Bay	0.50	E	
4. Bloody Bay	0.50	E	
5. Raffal	0.50	Cm, E	April - August
6. Frigate Island	0.15	Cm, E	April - August
7. Richmond Beach	0.75	Cm, E	April - August
8. Spring Beach	0.20	Cm, E	April - August
9. Friendship Beach	0.15	Cm, E	April - August
10. Adams Beach	0.10	Cm, E	April - August
Species *	Abbreviation		
Caretta caretta	Сс		
Chelonia mydas	Cm		
Dermochelys coriacea	D		
Eretmochelys imbricata	E		
Lepidochelys kempi	Lk		
Lepidochelys olivacea	Lo		

### **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.

All beaches on St. Vincent are of black sand. Profiles are gentle. There is little variation in vegetation.

Artificial lighting is present only on young island beaches where there is significant development.

All beaches in the Grenadines are of white sand.

TABLE 7. FORAGING A	REAS INVEN	ITORY					
Name of Area (or give coordinates)	Approx. Area (Km²)	Species Foraging (use abbreviations & approx. numbers)	Nature of Evidence (observation, fishery, incidental catch)				
1. Baliceaux Island (61° W; 12° 4' N)		Cm, E	Observation, fishery, and incidental				
2. Canouan Island (61° 35' W; 12° 35' N)		Cm, E	Observation, fishery, and incidenta				
3. Union Island (60° 10' W; 12° 55' N)		Cm, E	Observation, fishery, and incidenta				
4. Mistique Island (60° 12' W; 12° 51 N)		Cm, E	Observation, fishery, and incidental				
Species	Abbrevi	ation					
Caretta caretta	Сс						
Chelonia mydas	Cm						

TABLE 7. FORAGING AREAS INVENTORY					
Dermochelys coriacea	D				
Eretmochelys imbricata	E				
Lepidochelys kempi	Lk				
Lepidochelys olivacea	Lo				

### 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

Estimated number of eggs: 10,000
 Estimated number of nesting females: 7
 Number of turtles caught at sea: 7

### 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 employment dependent exclusively on turtles. Craftsmen are involved only for supplemental employment and have skills such as plumbing, carpentry, masonry, hotel waiters. Figures are difficult to obtain for this table.

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FOR THE COUNTRY OF POR EL PAIS DE



SAN VICENTE

KERWYN MORRIS

Simposio de Tortugas del Atlantico Occidental Western Atlantic Turtle Symposium

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



MESTERN ATLANTIC TURTLE SYMPOSIUM

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

STYINGEST AND THE GREODESINES

NATIONAL REPORT PRESENTED BY

KERWAN MORRIS

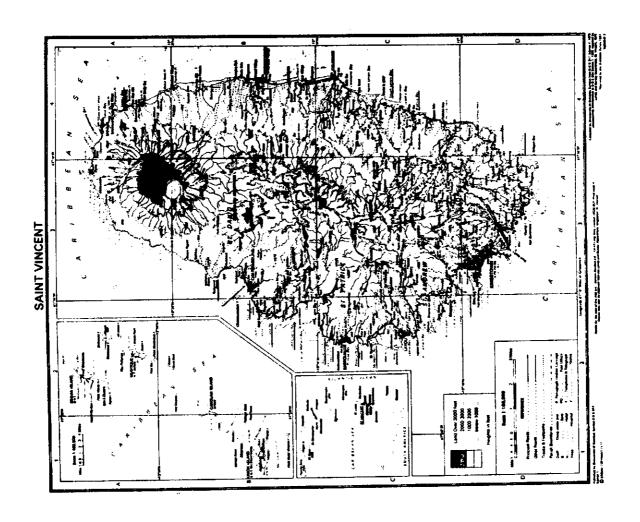
Address: FISHERIES OFFICER

STAINCEST THE GREADINES WEST IN ES MINISTER OF TRADE & AGRICULTURE

NATIONAL REPORT PREPARED BY

KERWYN MORRIS

DATE SUBMITTED;



### THE RACIONAL REPORT

## GALAL SECRETCO DECEMBER

The flate of St. Through and the Groundines is a group of islands of which M. Throws is the largest. The territory lies between  $61^{9}(0)$  -  $61^{9}(0)$  of and  $12^{9}(0)$  -13029 F. The total land ares is 1,50 mg. miles of which St. Wheen alone is 133 mg.

### POLYTIC ED OTRIGRE MEN

arves are continued to the Granadine Salands. On the west count there are many grail There is a great variation in the coastifre. On the east coast which faces the stillents mean, beaches are relatively much larger out are really stretches of high mengy imposes with applicately aloping profiles. The vegetation consists primarily beaches all low energy with similar vegetation. On St. Thnesset Island the sand is of sea grapes, execute palms and to a catch lesser degree mangreves. The mangrove black me alsochers it is white. There are many shallow and mid-mater rest apatema and sea greas bads of findiania. The green ends are in low energy areas and are found in water generally dess than 10 metrus. Tides are excretidal and leas than 20.

### MINISTER OF LATES, TITLES

fighers that the sea turtle populationshare definitely declined drastically over the last ten december. The autholis are taken mainly in the Granadines by gill note and by Information on sea turbles is non-emistent here and there is no evidence that any immensioning and one carried out. However it is generally believed by hand daring menting and off shore trolling for large pelagic fish.

The date for this report was obtained mainly by

- 1) Waits to most of the beaches
- 2) Conducting personal interviews with
- 4) flattermen
- b) shell-craftsen
- 3) Conducting local market surveys c) eraft shop elarts

It was impossible to earry out any aarial surrege since there are no facilities for tike perpose

especifies in the Sea Purile Manual of Research and Conservation Techniques (pp 64-68). Over fifty flabstman were interplaned and the data obtained from the Puspenses We integrated into the report. The interring wave based on the questionnaire

lated gift shops were winited to find out the source of acutes and their entlemitty doring various marks of the year.

\$33.43 E.C. per pound for individual sestes, the price terring with the tourist sessor ment whole shalls originated in the Grandines. Oralimon pay on the everage Whate stells fetch a price of from \$100 - 160 E.C. From the interviews sombeted there appears to be no concentration of Besting by

the species as any of the interest and solidon are now then is-5 turiles seen foruging

so commercial turcha fishing flock. All landings known are made at beach atten-There is no figherum who fighes enclusively for sea turtles and there is

a stimpt will be unde to emplote tables & and 9 in a supplementary report to in mentited et a leter date.

TABLE 1. GEOGRAPHIC INVENTORY

\* Countlibra langth is the messerment of the national search boundary of a country; i.e., the distance from border to border for a constal country and the distance eround on telend country.

	5	IN OF SHOMELINE	
MALINE SWIEELINE CHARACTERISTICS*	MOFVELOPED	MOFVELOPED DEVELOPED**	TOTAL
Sand Beach (Total)	*6	-06	0 E/
A. High Energy	0	ç	65
B. Law Energy	35	90	Ĺ
2. Neef (equesed)	<b>2</b> 4-	0	<b>*</b>
3. Rocks	40	•	
CHTPS	•	0	0.1
Vegetation (Total)	-		•
A. Vines	. 0	. •	. <b>6</b>
J. Graves.		•	
C. Mangrutes	<u>.</u>	0	
B. Coconut frees	4	0	4.0
E. Other Trees or Shrubs	•	٥	Ó
F. Heraban	0	0	•
Houths of legeons, rivers, canals	•	0	9
Total Shareline	(08.5	9	13.5

\* hafer to SEL TURTLE MADITAL ENTERTORY OF MARINE SAMPELINE \*\* Haman development of use (Sam MARINE)

			or with London 15		
			10 MAC 36 40 June	10. 11	SPECICS MESTING (Use abbreviations)
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			4.TROOMOND BAY	3	
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			C. AND COOPERINGS	7	, M
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			P. KAMTOUS BLY	\$0.	
			P. Petes none Bay	<u>ئ</u>	
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			10, team bay's Pay	٧	

MAITAL BOTTON TYPES

Submerged Vegetation

J. Becks

. H

Reefs (Total)

A. Fringing lasts

B. Petch Reefs

MONTHS OF RECORDED RESTING

Species Recoverations: Datative confidence: Deciminal profession By recoverably species in Englishment from the factor Legislochelys of more	
CP INTENTORY is in geographic sequence, itsional information on following page,	
MSSTIRB BEACH INVENTOR List beaches in geopri Provide additional inf	
THEE 3.	

MONTHS OF RECORDED IN	A - A A	11 many 2 min				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
(Dee abbreviations)*	G. 25	C. E	Ç 20	C. E	Cm &	2 40				
	٠٤	51.	54.	र	٠٠،	7.				
Greenes Cennis	1. Raffal	2 FRM. BIF ISLOWED	2. Right want began	4. SPRING POACH	S FRIENDSHIP BORCH	6 ADOMS BEACH	*	4	1	_

Table 3. Hearing said Dwarqur List beaches in gographic sequence. Provide additional information on following page.

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TABLE 3. NESTING MEDICA INVESTIGAT
List beaches in geographic sequence.
Provide additional information on following page.

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Matter on following page.

Defined

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3-384

SPECIES MESTING (Use abbreviations)\*

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P. Pierram Bay

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# HOLE 1. MISTER NOON INTERTORY (Supplementary page)

Pissas sive additional information about each mesting beach (dentified to Inbis ). Include information on color of sand, particle size, beach profile, beckeech vapetation, entificial lighting, sic.

ALL GERENES ON ST VINCENT DRS OF BLACK SAND PROFILES ARE GENTLE. THERES IS LITTLE VARIBACON IN YEGETSTION.

ISLAND BEACH WHERE THERE IS SIGNIFICALT BEACH BARFICAL LIGHTING IS PRESENT ONLY ON YOUR DEVELOPMENT.

SLL PACKES IN THE GREWADINES DAS CO. WHAT SOUD.

neve OF AREA (or stre coordinates)	(am) Samuel	SPECIES PREMISMS (Use abbreviations in premisms)	MATURE OF EVIDENCE (Percerution, fishery, incidence) cabb)
~ £5 \$1 - 17,06 - 11,09			
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IME 7. FPEGIN AND INCHINA SEE IN LP	ans selector		Species Mahawatakhan; Caretta caretta Caretta caretta Carettale apales Arrestolatar caretta Prebandelatar fahirica

TABLE 16. EPPLYMENT BENEDERS IN THRUES

INVOLUED ONLY FOR SUPPLEMENTAL ENPLOYMENT DND HIGE SKILLS BUCH AS NO ZMPLOYMENS BSPENDENT ENCLUSIVELY ON TURKLES. CRIFTS MEN BRE PLUMBING, CARPATHY, MASONRY, HOTEL WAITERS.

FIGURES BREFICULT TO OBTAIN FOR THIS TABLE.