

## **WATS II REPORT / DATA SET**

**National Report to WATS II for Brasil**

**Maria Angela Guagni dei Marcovaldi**

**12 October 1987**

**WATS2 061**



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 sizes and trends, 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.

Despite the potential value of this information to agencies responsible for conducting stock assessments, monitoring recovery trends, safeguarding critical habitat, and evaluating conservation successes in the 21st century, the National Reports submitted to WATS II were not included in the published proceedings and, until now, have existed only in the private libraries of a handful of agencies and symposium participants. To help ensure the legacy of these symposia, we have digitized the entire proceedings – including National Reports, plenary presentations and panels, species synopses, and annotated bibliographies from 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 can be cited (with the number of pages based on the layout of the original document) as:*

Marcovaldi, M.A. 1987. National Report to WATS II for Brasil. Prepared for the Second Western Atlantic Turtle Symposium (WATS II), 12-16 October 1987, Mayagüez, Puerto Rico. Doc. 061. 79 pages.

Karen L. Eckert  
WIDECAST Executive Director  
June 2009

# **WESTERN ATLANTIC TURTLE SYMPOSIUM**

**WATS II**

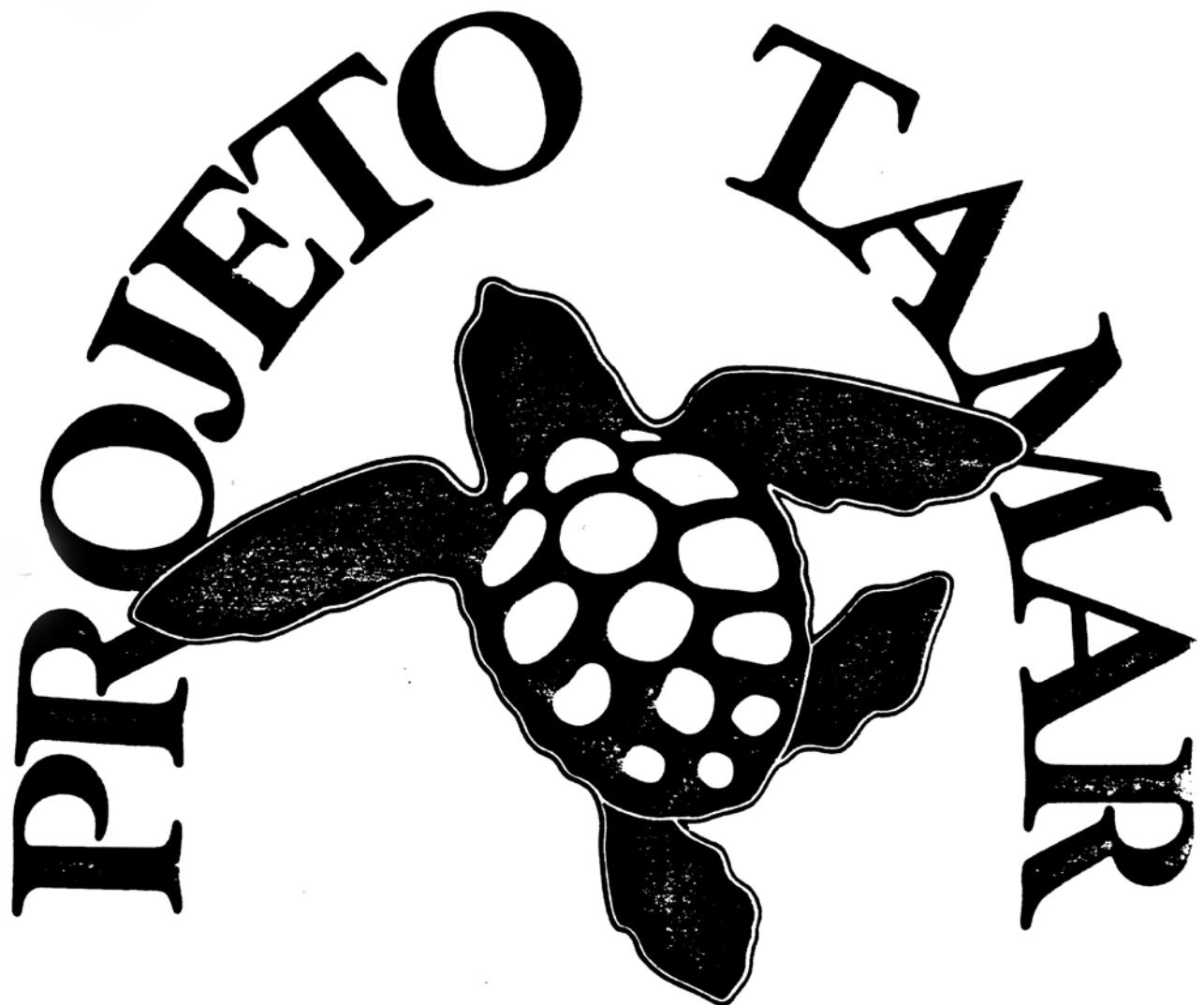
**NACIONAL REPORT**

**BRASIL**

**Prepared by:**

**Maria Angela Guagni dei Marcovaldi**

**Guy Guagni dei Marcovaldi**



**IBDF BRASIL**

## **PROJETO TAMAR - IBDF**

### **BRIEF REPORT**

In 1980 the INSTITUTO BRASILEIRO DE DESENVOLVIMENTO FLORESTAL-IBDF (Brazilian Forest Department) created the Projeto Tartaruga Marinha (TAMAR) that for two years worked on an exhaustive survey on sea turtles along the costal areas of the mainland and on the territorial ocean islands in order to evaluate the occurrence of these chelonians. Meanwhile, it started appraising published papers and other activities related to these animals that had been done until then. As a result of the compilation, only four enumerated works were encountered that refer to stomach content of green turtles captured incidentally; green turtle nesting on Ilha da Trindade; the occurrence of the leathery turtle in the mouth of the Amazon River; and an identification key to the five species of sea turtles nesting in Brazil, published by the University of Ceará

As of 1982, TAMAR has set up hatcheries at the most important nesting sites in terms of number of different breeding species and degree of harvesting and depredation.

Systematically the credential professionals have improved nest transplanting techniques and policy for maintaining a reasonable yet crescent level of protectionism and feeling for nature.

### **NESTING BEACHES**

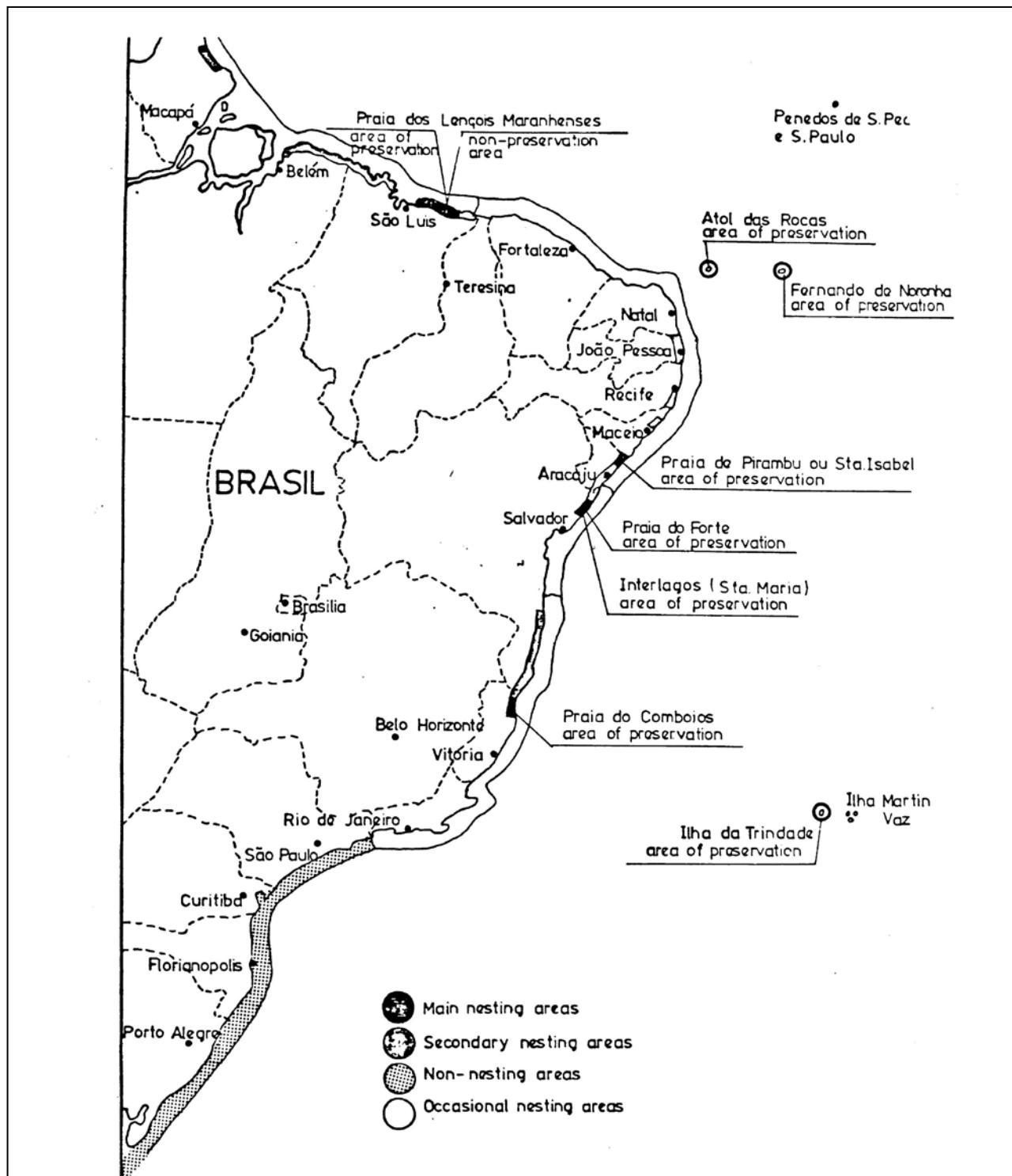
Sea turtles nest in the Brazilian coast, from the State of Rio de Janeiro up to the northernmost State of Amapá, where the tropical weather predominates. The PROJETO TAMAR (Sea Turtle Project), after a 2-year detailed survey, elected the most important sites for the preservation of these animals as following:

#### **On the Coastline:**

- The Lencóis Maranhenses National Park Beaches, Barreirinhas, State of Maranhão
- The Santa Isabel Biological Reservation, Pirambu, State of Sergipe
- Praia do Forte Beach and adjacent areas, Mata de São João, State of Bahia
- Santa Maria Beach (Parque Interlagos Condominium), Camacari, State of Bahia
- The Biological Reservation of Comboios, Linhares, State of Espírito Santo.

#### **On the Ocean Islands:**

- Biological Reservation of Atol das Rocas, State of Rio Grande do Norte
- The Fernando de Noronha Federal Territory Archipelago
- Ilha da Trindade, State of Espírito Santo



**Figure 1.** Marine Turtle Program, TAMAR nesting beaches. IBDF- BRASIL

### Biological Reservation Of Santa Isabel

Pirambu Beach places about 30 km, on straight line, to the north of Aracaju, the capital of Sergipe. It is a 42 km long beach limited by the mouths of the Japaratuba and Funil Rivers; humans do not occupy the major extension of its shoreline.

The main economical activities of this area are the coco harvesting and fishing so that the beach is transformed into a "living path" since it is the shortest way to the coco farms. This fishing on the beach is rudimentary but sometimes trap nets are set and the emergence of the adult females is then perturbed as attested by incidental catch of *Caretta caretta* and *Lepidochelys olivacea* specimens.

Shrimp trawling boats that have caught several turtles, however, cause the major problem. Up to the settling of the TAMAR Preservation Program, in 1982, all the eggs were poached by local inhabitants and vacationers. They were very appreciated as appetizers and were largely sold at local bars to accompany beer and cachaga (Brazilian white rum) drinking.

One of the local people habits, that has probably contributed for the non total vanishing of sea turtles in this region, is that of "never" slaughtering a female turtle when nesting.

Two species are known to nest on this beach: *Caretta caretta* and *Lepidochelys olivacea*. It is also the only place in Brazil where the latter occurs fairly constantly.

Preservation now is applied by TAMAR in transplanting the nests to a fenced off beach hatchery yet intending to gradually let them "in situ".

The nesting season extends from September through March, presenting its peak in October, November and December.

In the last campaign, 107 nests were recorded: 47 for *Caretta caretta* and 60 for *Lepidochelys olivacea*. By now, the situation of the females is under control.

### Praia Do Forte Beach and Vicinities

It is located on the north of the State of Bahia, about 80 km N of Salvador, the capital. Four species of sea turtles are found nesting up there: *Caretta caretta*, *Eretmochelys imbricata*, *Lepidochelys olivacea* and *Chelonia mydas*.

The beach is 13 km long, but the preservation activities extend to the neighbouring sites making up around 50 km of controlled area altogether. The human occupation is so far sparse with a trend to expansion. The local villages are summed five at all.

It is being required to the Institutions that are responsible for this area, under the auspices of the Brazilian law to at the mentioned shoreline be transformed legally in any category of Conservation Unit, under TAMAR administration, that would sum up 60 kilometers.

The nesting season sets in from September through March with its peak for *Caretta caretta* in October, November and December whereas *Eretmochelys imbricata* has its main occurrence from December through February.

Before TAMAR was established in the region (1982) all the eggs were harvested by local fishermen. Until 1985/86 Campaign, all the nests were relocated to a hatchery. Last Campaign, 86/87, some nests were let "in situ" on purpose for testing people's reaction to that, specially those old poachers. Since the results were satisfactory, counting no depredation, the Program foresees a gradual augment of this practice until all non-doomed nests can be managed on the beach.

The record for the past campaign registered 216 nests for *Caretta caretta*, 57 for *Eretmochelys imbricata*, 3 for *Chelonia mydas* and 4 for *Lepidochelys olivacea*.

#### Santa Maria Beach (Parque Interlagos Condominium)

It is 45 km far north from Salvador, State of Bahia, and extends for 5 km long nesting beach for the same four species as in Praia do Forte. Breeding season and peaks of nesting coincide with those mentioned above as well as the preservation techniques.

The beachside is occupied by vacation residences along its first kilometer (south to north) where the house owners themselves started protecting the nestlings. The first step then was to contact TAMAR for help and technical orientation.

In the last term 25 nests for *Caretta caretta*, 9 for *Eretmochelys imbricata* and 1 for *Lepidochelys olivacea* were recorded. No *Chelonia mydas* nests were recorded. This area stands up for its relative nesting density in spite of the several houses along its border.

#### Biological Reservation of Comboios

This reservation is situated on the north of the State of Espírito Santo about 100 km far from Vitória, the capital. It bears a 17 km long beach; however, TAMAR extends its work over about 40 km of breeding sites.

The area is occupied in the intervals that correspond to the two existing villages: Regência (with approximately 500 inhabitants) and Povoacão (about the same population), limiting to its south boundary with an Indian Reservation.

It is the only known nesting site for *Dermochelys coriacea* in Brazil. *Caretta caretta* shares the same beaches and only in the past campaign, an *Eretmochelys imbricata* nesting was accounted. The nesting period also extends from September through March for both species, with peak in October, November and December.

Before 1982, all the eggs in Comboios had been poached and the nesting females slaughtered by local villagers, fishermen and Indians. After TAMAR had been set up, the poaching ceased for some campaign 30% of the located nests were left "in situ" for test. The results proved satisfactory.

In all, during 86/87 program 190 nests were recorded for *Caretta caretta*, 43 for *Dermochelys coriacea* and 1 for *Eretmochelys imbricata*.

#### Fernando De Noronha Archipelago

As the other islands, Fernando de Noronha houses only *Chelonia mydas* nestings. It is 200 miles far from Recife, the capital of the State of Pernambuco. The nesting season stretches from December through March, with peak in January and February.

The island human population sums all up around 1.200 people. They used to harvest the eggs and the nesting females for long time before TAMAR started its preservation program on it. Last term campaign accounted 37 nests on the Archipelago.

#### Ilha Da Trindade

Trindade is a Brazilian Navy military base. It is located 500 miles far from the mainland (State of Espírito Santo).

The cliffy and abrupt profile of the islands usually ends in sandy beaches, presenting different morphologies where *Chelonia mydas* nest in relative profusion. It may seem that it is the most important nesting site for this species in the Southeastern Atlantic. Breeding season also stretches from December through March or April, with peak in January and February as on the other ocean islands.

Being a permanent manned military base it is the only known situation in Brazil that anthropogenic effects have not altered the nesting population. TAMAR has worked out sparse tagging programs. Last campaign, 85/86, 385 nesting females were tagged on the island from mid-February through mid-April.

### Biological Reservation of Atol Das Rocas

It is situated 114 miles from Natal, the capital of the State of Rio Grande do Norte, and comprehends two islands: Ilha do Farol and Ilha do Cemiterio. The former, where most of the nestings occur, has a 1,0 km long for 0,5 km wide beach. The only nesting turtle over there is the *Chelonia mydas* emerging from December through March with its peak in January and February.

In 1982, during a tagging campaign, TAMAR registered nestings on Ilha do Farol. On these islands, even as a Biological Reservation, there is no effective preservation program owing to the difficulties in accessing to it and the lacking of financial resources. The atoll is not inhabited but it receives a great afflux of professional and amateur fishermen, and campers that exploit the reservation in spite of the prohibition reckoned by law.

## **CURRENT LAWS OR REGULATIONS CONCERNING SEA TURTLES**

M.A. Superintendencia do Desenvolvimento da Pesca-SUDEPE (Brazil Fisheries Service)  
Decree N-005 of 31<sup>st</sup> of January, 1986

The Superintendent of Fishery Development, SUDEPE, in use of the proper attributions that are to him attested by Article 10, Section I of the Decree 73.632 of 31<sup>st</sup> of February, 1974 and according to the precept of the Article 33, Section 2 of the Decree law 221, of 28<sup>th</sup> of February, 1987 and what else be mentioned in the Process S/08800/73,

### **RESOLVES:**

- Art. 1. Forbid the catch of any sea turtle species.  
SINGLE PARAGRAPH: It is forbidden to harm sea turtles in their breeding ground as well as to collect the eggs of these chelonians.
- Art. 2. To the defaulters of the present Decree it will be applied the stated penalties according to Decree law no. 221 of 28<sup>th</sup> of February 1967 and analyze complementary legislation.
- Art. 3. The present Decree will be in vigor in the date of its first official publication. The contrary dispositions are then revoked, specially the Decree n-005 of 7<sup>th</sup> of February, 1984.

Petronilo Santa Cruz De Oliveira  
The Superintendent

## **TURTLE EXPLOITATION**

There is no organized turtle flesh and by products commerce in Brazil except for some costume jewelry made up of tortoiseshell, especially from hawksbill carapace that receives the vernaculars "tartaruga de pente, tartaruga verdadeira, tartaruga de escama, tartaruga legitima, careba de pente, casco vinho and tartaruga imbricata". They are sold with relative frequency in the coastal capitals of the northeastern region acquiring good prices at some sophisticated and fancy shops. Note: Such commerce is considered illegal but the lack of inspection, and neglect by the authorities has not impeded its practice.

It is also common to find green turtle flesh on sale that is ordered as "aruanã, tartaruga verde, tartaruga pedrês, suanhã, tartaruga do mar, tartaruga comum, etc." However, the prices are not steady as for fishes, but usually lower than those are. In some coastal areas the turtle market is not developed on regard of local customs. There is the sale of salty turtle meat, generally at pop prices, that are taken to the interior of the northeastern region where the most destitute people of the country concentrate.

The turtle soup, in few occasions, is found at popular restaurants that in most cases explore only its flesh. It is not known in Brazil the manufacturing of sea turtle leather or other by products, with exception of

the carapace that besides of being handcrafted into rings, bangles, bracelets, etc. they are also used as decorative motives for residences and commercial enterprises.

## **IMPORTANT SEA TURTLE FORAGING AREAS**

Hundreds of juveniles, mainly of *Chelonia mydas*, die stranded in trawling or fixed fishing nets per day. These individuals and sub-adults are encountered feeding along the coast of Brazil from the State of Rio Grande do Sul up to the State of Amapá. Places like Camocim, State of Ceará; Pontal do Peba, State of Alagoas; Praia do Forte, Northern Bahia; Curumuxatiba, Southern Bahia; and Conceicao da Barra, Northern Espírito Santo are sea turtle feeding grounds. There are some feeding banks in the States of Ceará, Pernambuco, Alagoas and Bahia where the turtles are caught on purpose.

It is of great interest to do a more detailed survey on feeding pastures in Brazil and apply on them research and protection programs. Thus far, TAMAR has only centered work to the nesting sites. There are recoveries of *Chelonia mydas* tagged on the Ascencion Island grazing on the coastline of Brazil.

## **LIST OF ALL PERSONS OR OFFICES RESPONSIBLE FOR SEA TURTLE CONSERVATION**

### Oceanógrafo

Guy Guagni Dei Marcovaldi  
Coordenador Nacional do Programa Brasileiro  
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### Oceanógrafa

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### Oceanógrafo

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Biólogo

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Representante do Projeto TAMAR  
na Administração Central no IBDF  
SBN - Ed. Palacio do Desenvolvimento - 12º andar  
70.057 - Brasília - Distrito Federal - Brasil

## COMMENTS AND OTHER INFORMATION

Besides field work, TAMAR develops at all its bases an educational program by means of slides projection, posters, folders, video cassette film playing along with lectures and donation of T-shirts printed on with sea turtle preservation motives.

During the 2-year survey along the coastline of Brazil it was shown that the majority of the egg poaching carried out by local people was on account of the total lack of information and awareness about the problem besides of its subsistence use.

For several times the eggs were not taken away but the nest would be dug out and the upper sand layers removed exposing the eggs to the sun heat and drought. The best technique to resolve the problem was hiring the-most "expert" egg collector fishermen that used to act on the work beaches. Each member now is responsible for a 3 to 4 km long patrol area that corresponds to his own steady fishing territory. That has proved successful as educational aim since it not only provides financial aid to the referred villagers (TAMAR has now about 50 employees) but it also leads the fishermen themselves to pass out the preservation message, in a popular manner, to their friends and relatives.

TAMAR staff assists the local communities, as possible, in terms of hitch-hikes to remote places on the work beaches and other workday help. It is important to point out that on the older bases of TAMAR the sea turtles are utterly integrated to the children quotidian at the Elementary Schools as compositions, drawings, knowledge contests, and pop plays characters.

There are also small tanks (about 10.000 liters each) where few little turtles are reared for outsiders and children visiting in order to show them the individuals of different local turtle species in their several growth sizes, and to provide them a direct view of the rarely seen living animal.

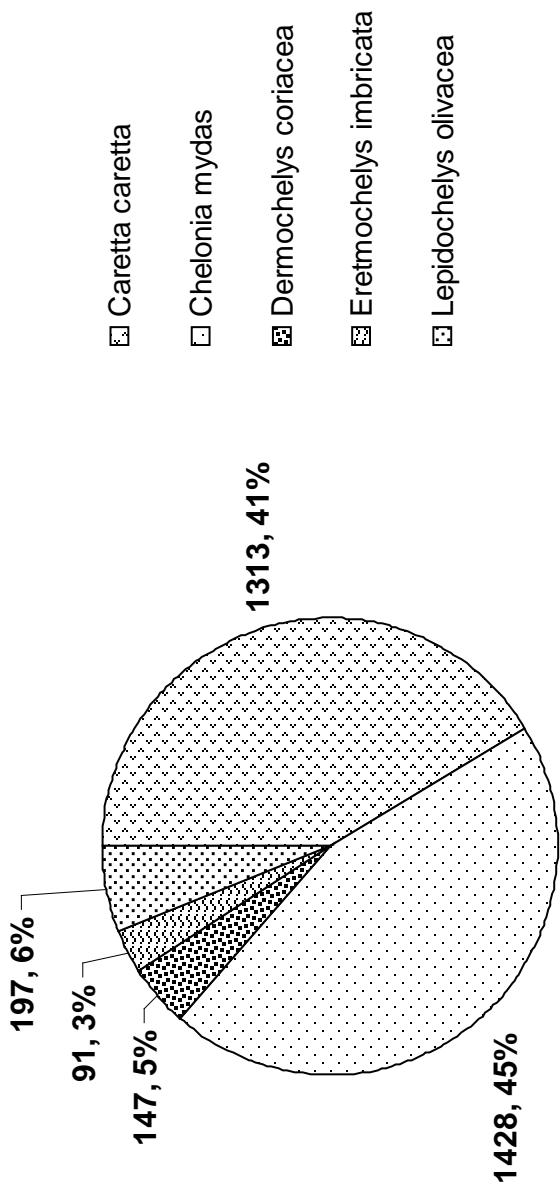
TAMAR (Projeto Tartaruga Marinha of the Instituto Brasileiro de Desenvolvimento Florestal-IBDF) is supported by the World Wild Fund for Nature-WWF International, Petróleo do Brasil-PETROBRÁS, and GRUPO ARACRUZ, and receives administrative support from Fundação Brasileira para Conservação da Natureza-FBCN and Fundação Garcia D'Avila-FGD.

## **ACKNOWLEDGMENT**

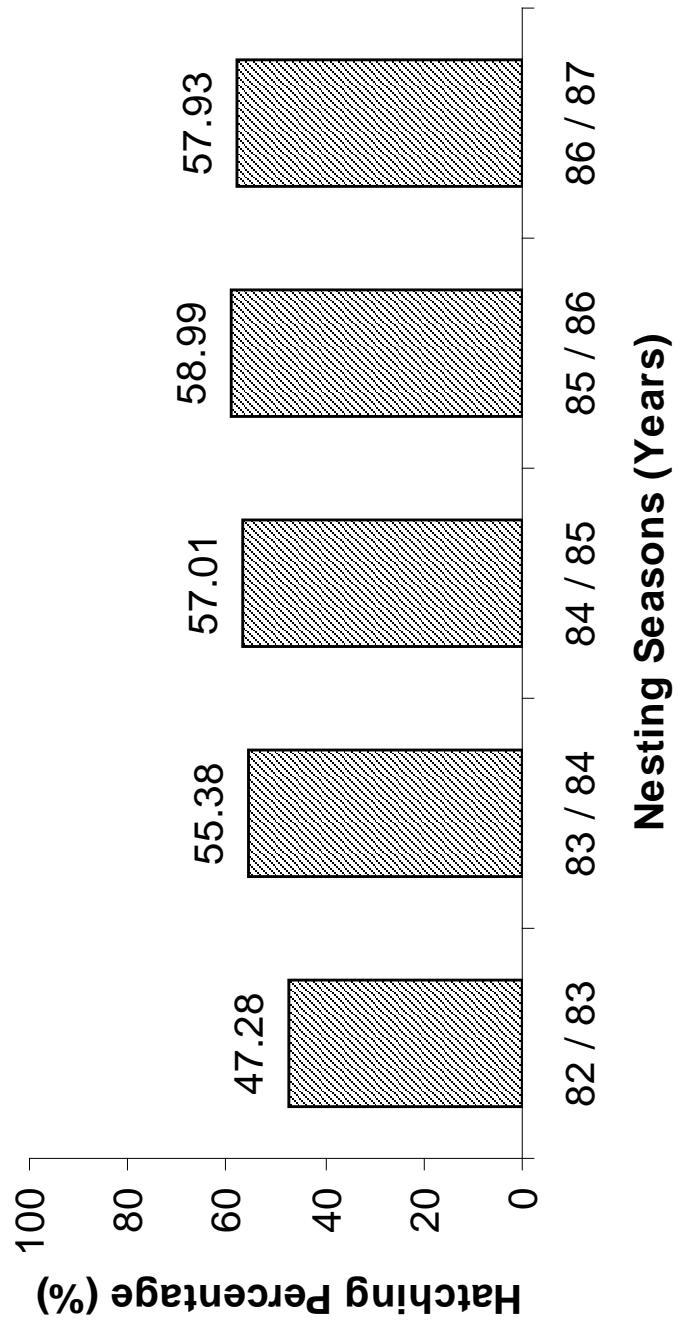
To the WATS II members for the opportunity of showing our results to the international scientific community.

# TAMAR - Brasil

## Number of crawls /Species

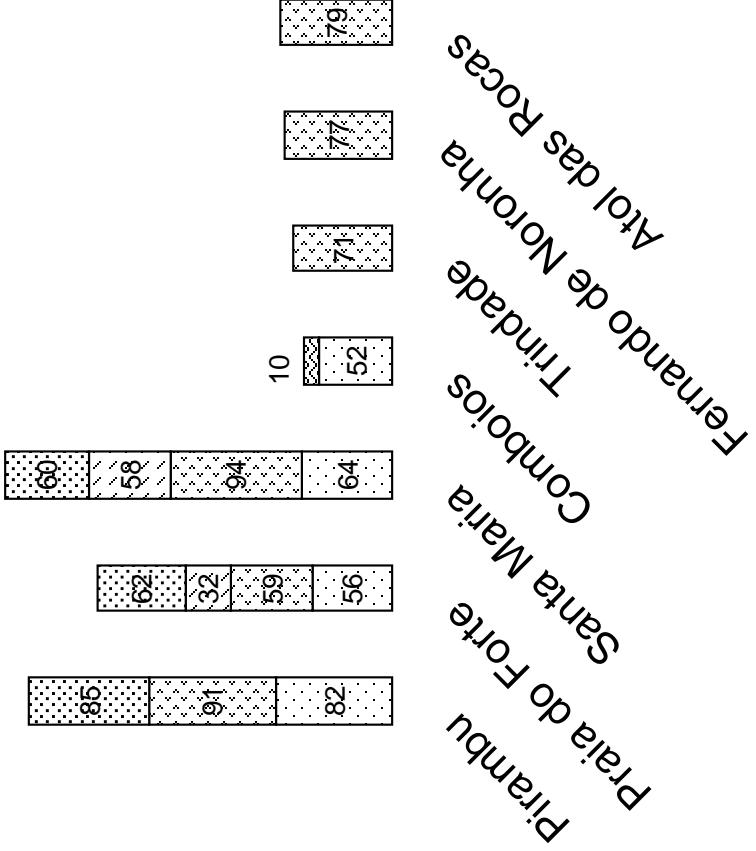


**TAMAR BRASIL**  
**Hatching percentage/ nesting season**

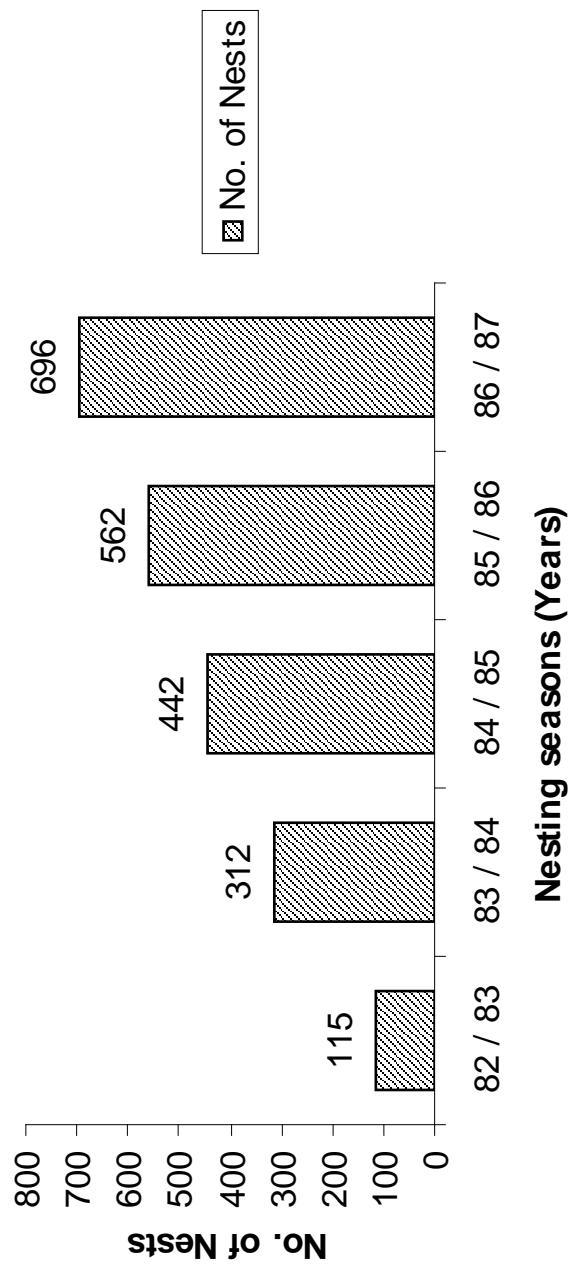


# TAMAR-BRASIL

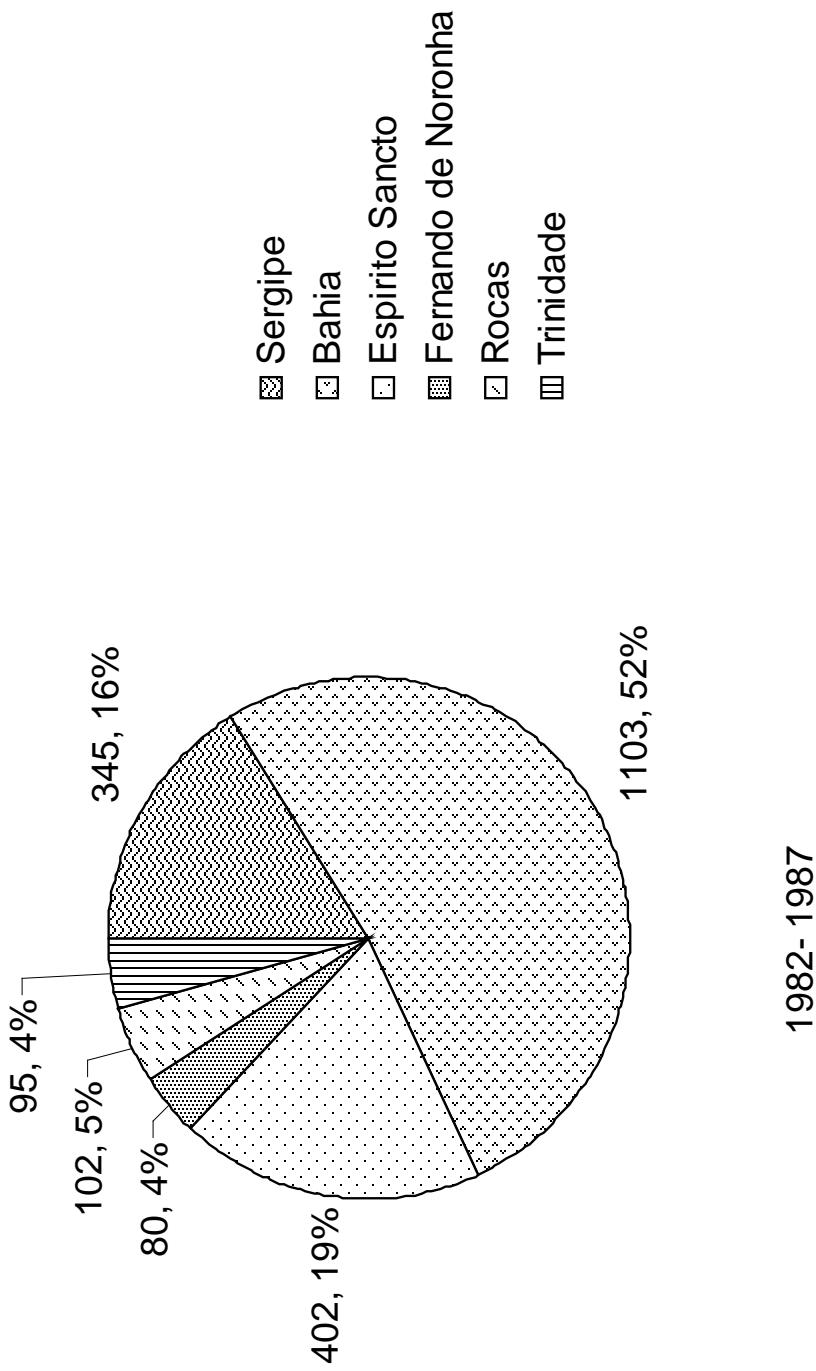
## Coastline and oceanic islands



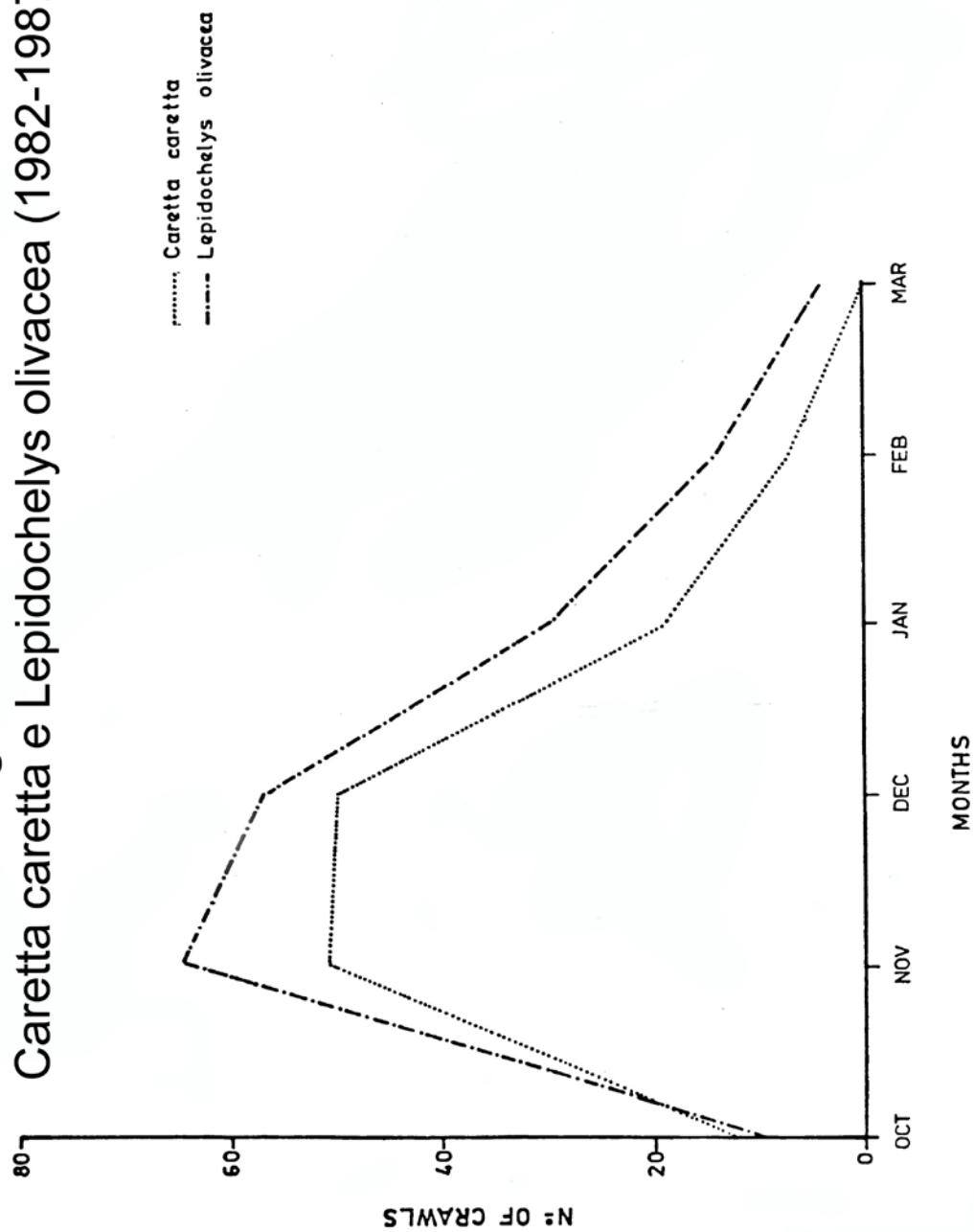
### TAMAR- BRASIL Recorded nests/Nesting seasons ( 1982-1987)



## Recorded nest/ Area



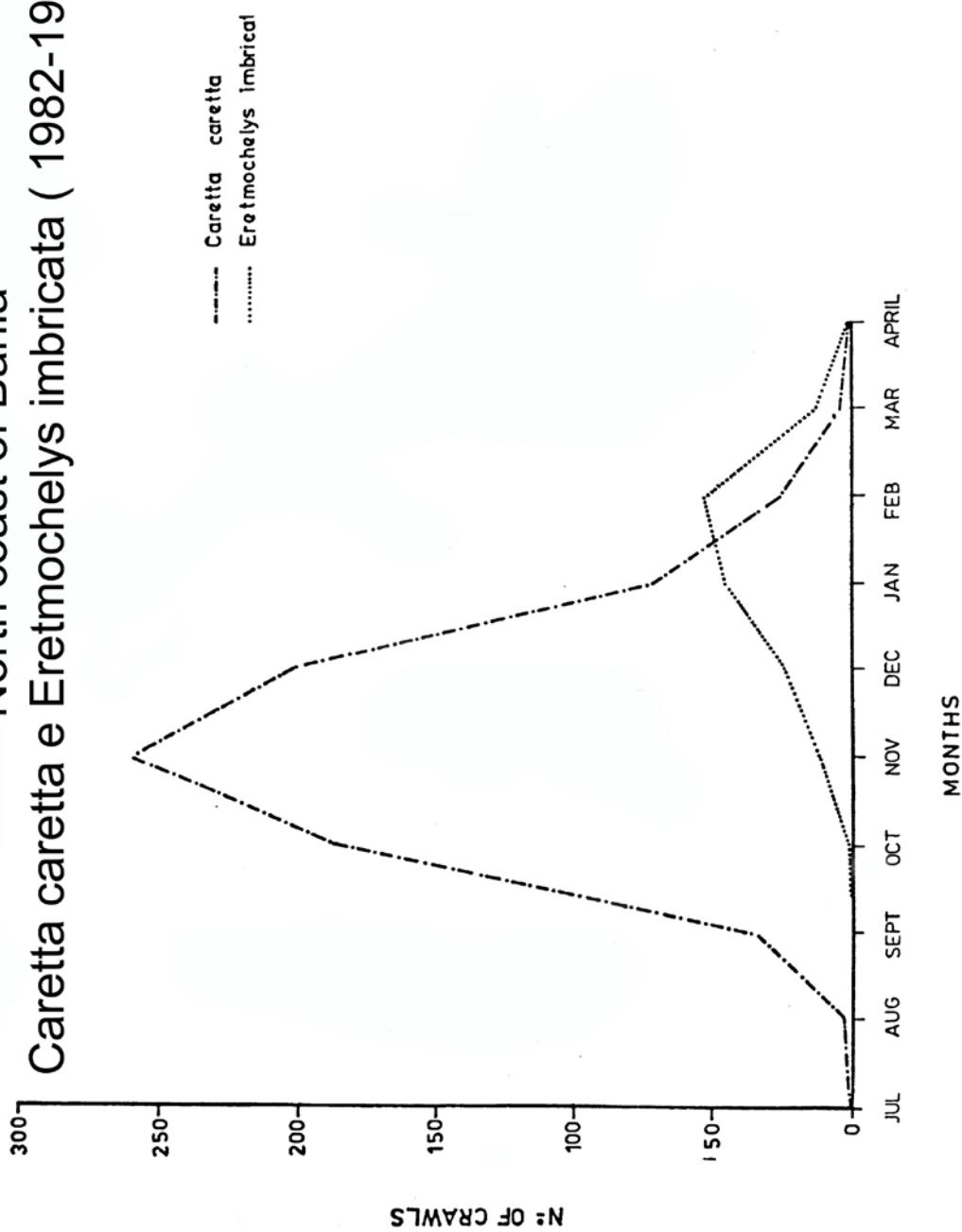
TAMAR BRASIL  
Biological Reservation of Pirambu  
Caretta caretta e Lepidochelys olivacea (1982-1987)



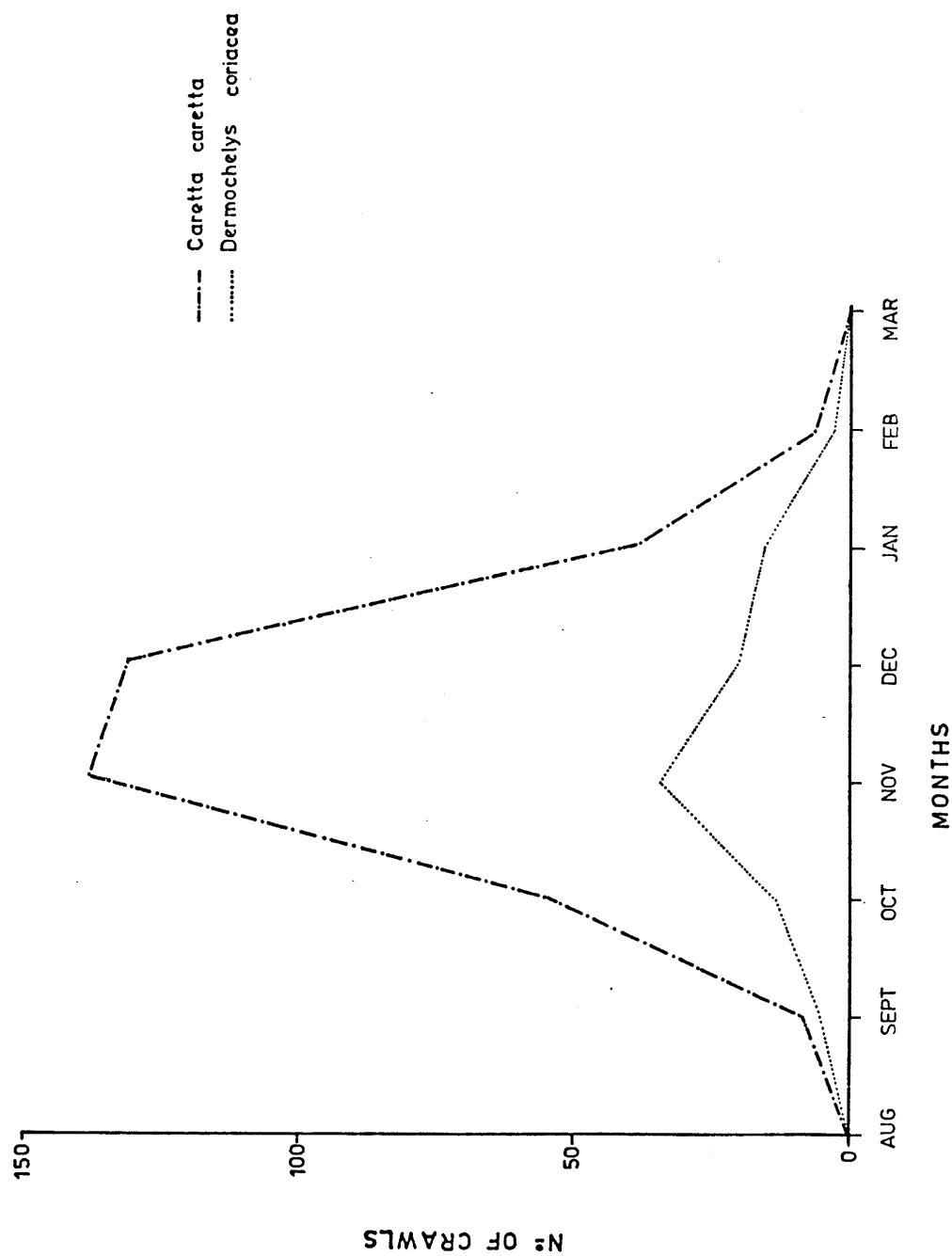
TAMAR BRASIL

North coast of Bahia

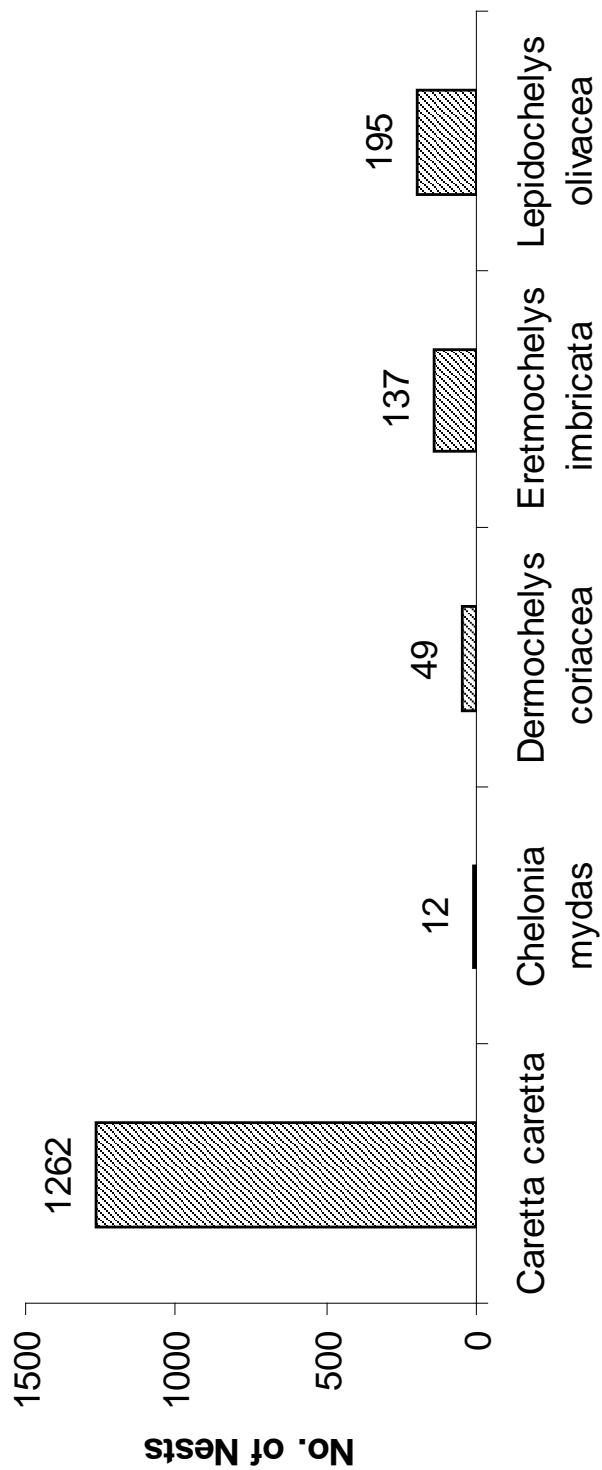
Caretta caretta e Eretmochelys imbricata ( 1982-1987)



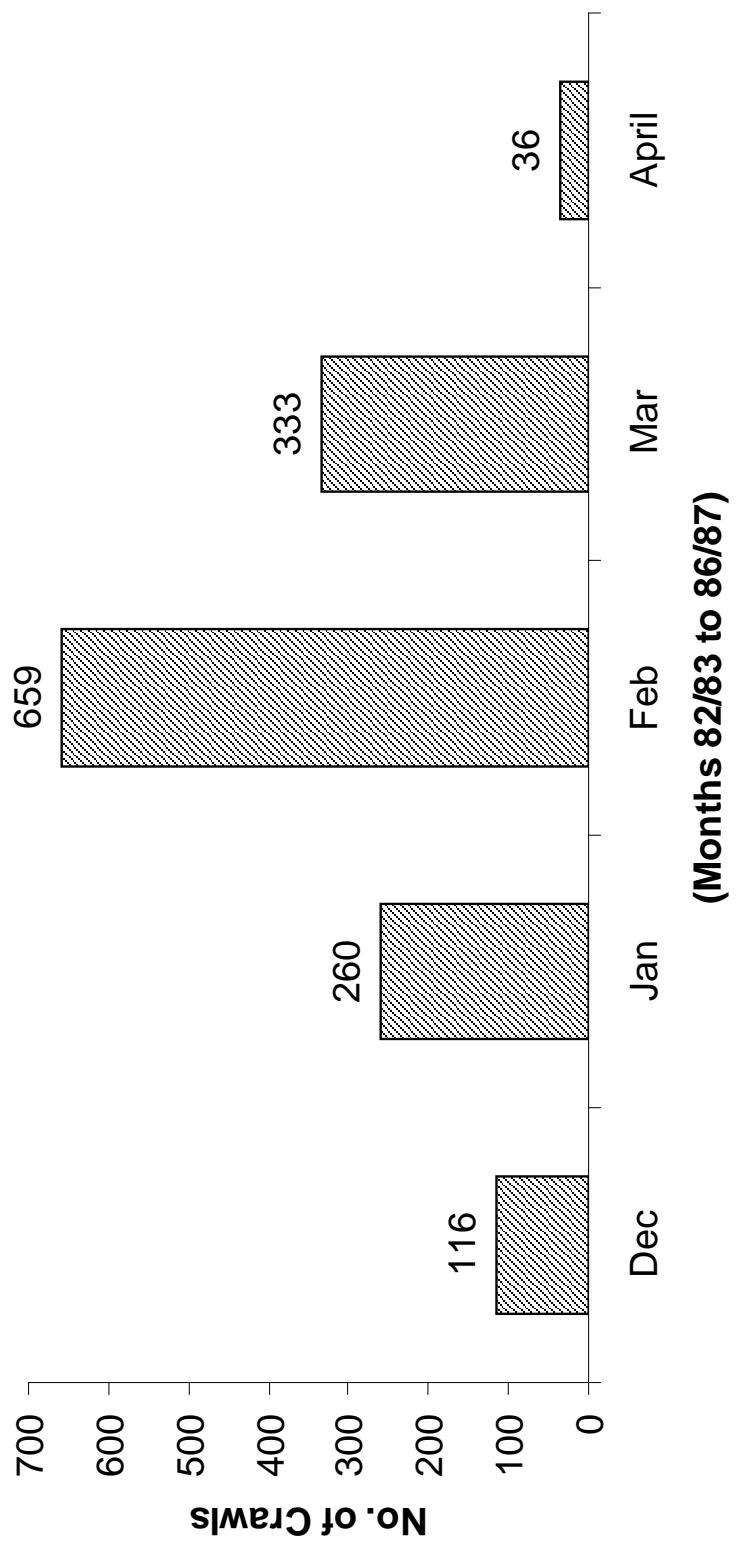
**TAMAR - BRASIL - BIOLOGICAL RESERVATION OF COMBOIOS –**  
**Caretta caretta e Dermochelys coriacea (1982 to 1987)**



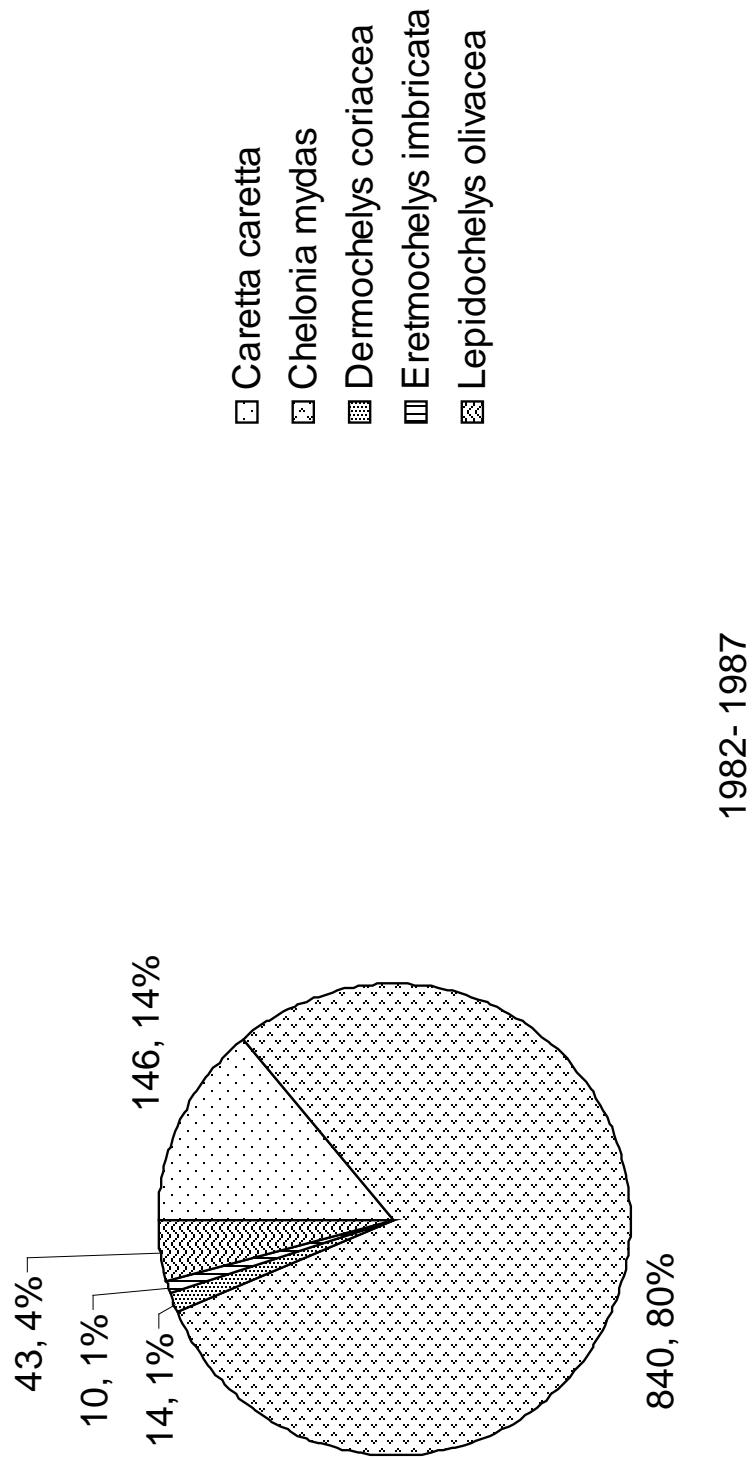
**TAMAR- BRASIL Coastline  
Nests /Species (1982-1987)**



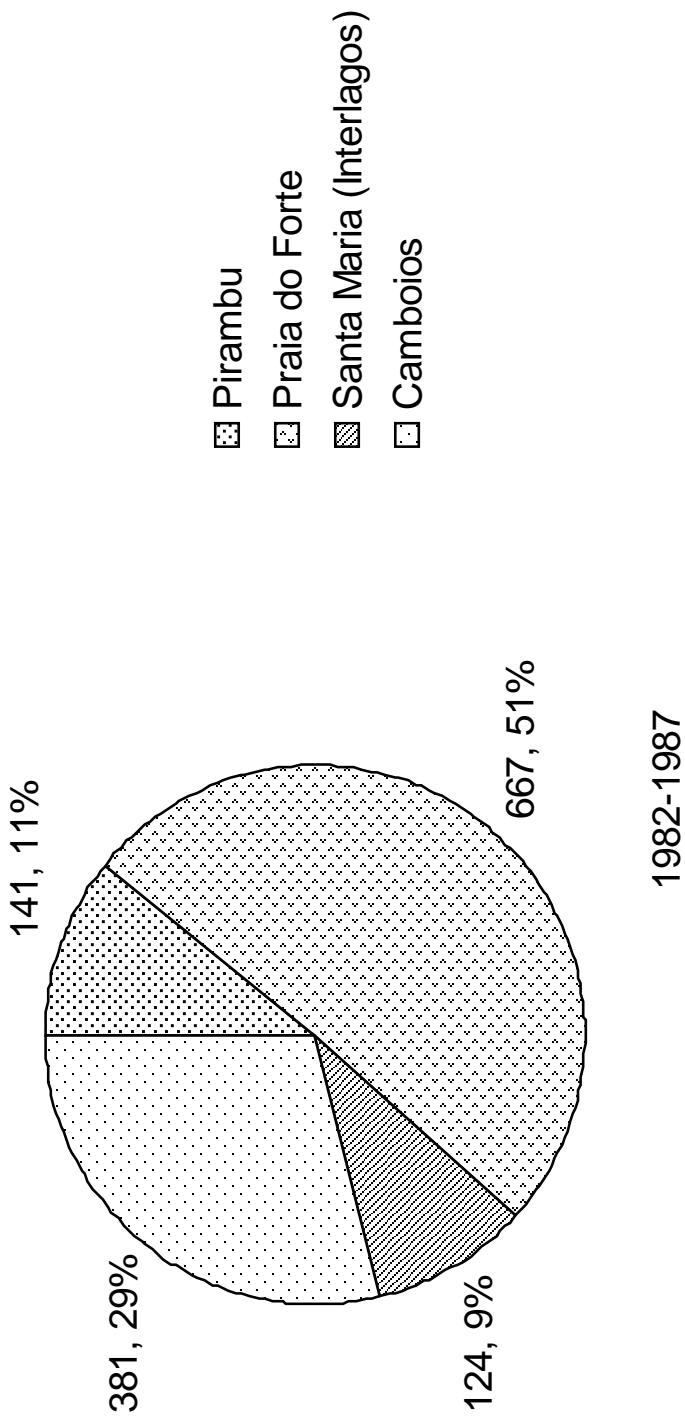
**TAMAR -BRASIL (Oceanic Islands) *Chelonia mydas***  
**(1982/1983 to 1986/ 1987)**

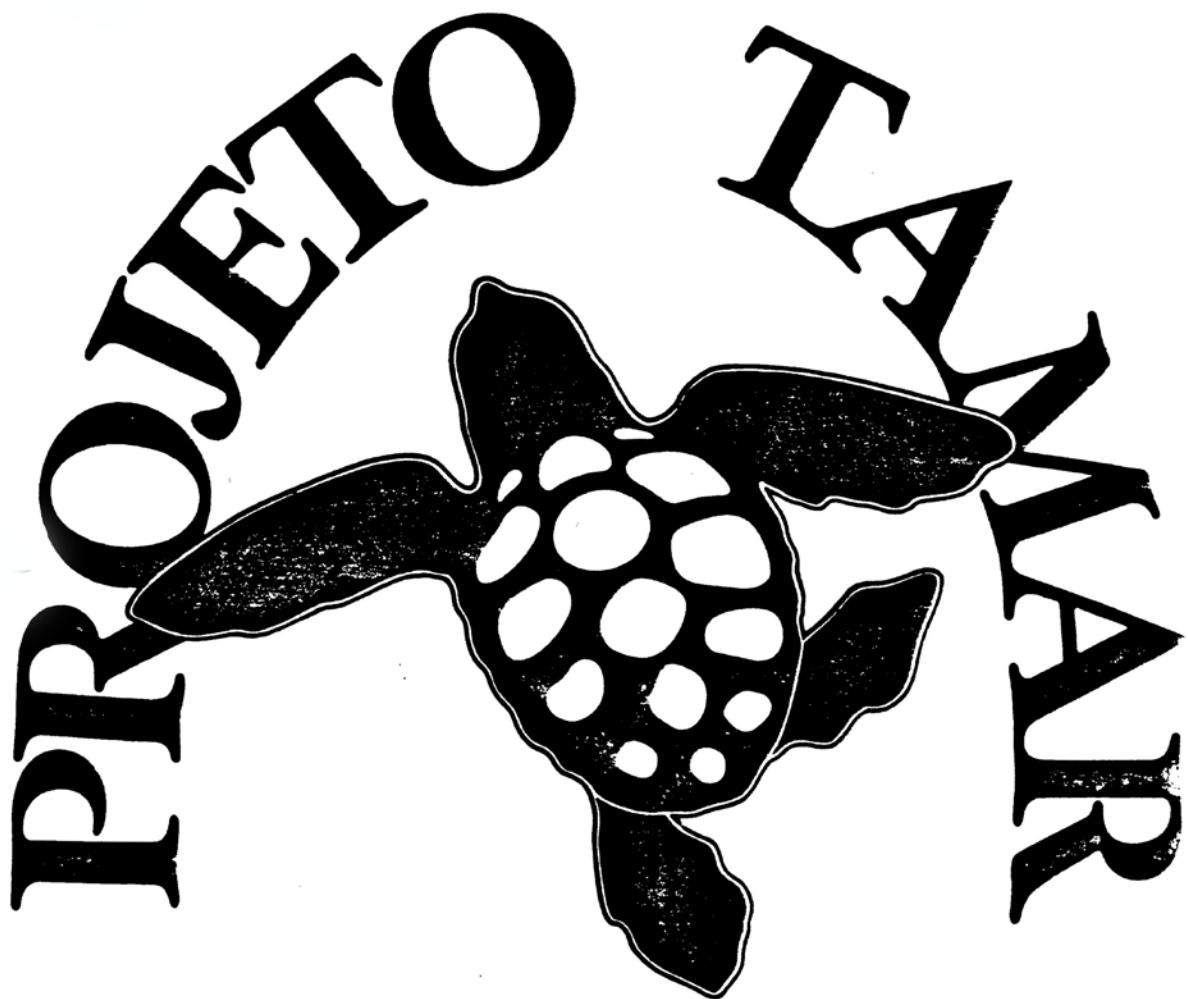


## TAMAR BRASIL Tagged turtles/ Species



**TAMAR BRASIL**  
**Coastline / No Crawls of *C. caretta***





**IBDF BRASIL**

## WATS II SEA TURTLE SURVEY DATA FORM

### TAMAR PROJECT - BRAZIL

#### Notes:

- Each beach name filled out in the forms corresponds to an assemblage of beaches of a single managing area or base
- Only the last campaign of each so called base is reported
- The symbol "\*", in pencil, before the tag number means old tag from the same campaign (renester) whereas the symbol "0" means old tag from previous years campaign (remigrant)
- Some tagged turtles were caught more than once emerging onto different beach sections at the same night or even week before oviposition
- Some real nests were neither transplanted nor managed
- Some taggings were applied before egg laying, so it was not possible to check out if turtles had oviposited or not.

## WATS II SEA TURTLE SURVEY DATA FORM

### **TABLE III. NESTING BEACH INVENTORY**

List beaches in geographic sequence. Provide additional information on an attached page. Please list each species that occurs on beach on a separate line even if months of occurrence are the same.

COUNTRY: Brasil

STATE: Espirito Santo

RECORDER:

Name of Beach	Length in Km	Species * Nesting	Months Peak Nesting	Months Recorded Nesting
Camboios and vicinities	40	Cc	Nov. and Dec.	Set through February
Camboios and vicinities	40	Dc	Oct. and Nov.	Set through January
Camboios and vicinities	40	Ei	---	February
Ilha da Trindade (Trinidad Island)	2	Cm	February	December through April

\* Cc=*Caretta caretta*; Cm=*Chelonia mydas*; Dc=*Dermochelys coriacea*; Ei=*Eretmochelys imbricata*; Lk=*Lepidochelys kempi*; Lo=*Lepidochelys olivacea*; Uk=Unknown

## WATS II SEA TURTLE SURVEY DATA FORMS

TAMAR PROJECT: BRAZIL 1986 and 1987

Beach: Combios

02 October 1987

(Page No. 1-6)

Nest	Nesting date	Time	Species *	Tag number	Carapace length	Eggs	Emergence date	Hatchlings	Re-located
1	09/04/86		Cc	0	0.00	119	11/21/86	90	N
1	09/10/86		Dc	0	0.00	138	11/29/66	70	Y
0	09/21/86		Dc	0	0.00	0		0	
0	09/21/86		Dc	0	0.00	0		0	
0	09/21/86		Uk	0	0.00	0		0	
0	09/22/86		Dc	0	0.00	0		0	
0	09/23/86		Dc	0	0.00	0		0	
2	09/24/86		Cc	0	0.00	137	12/05/86	92	Y
3	09/24/86		Cc	0	0.00	142	12/05/86	92	Y
4	09/27/86		Cc	0	0.00	124	12/11/86	41	Y
5	09/29/86		Cc	0	0.00	141	12/07/86	37	Y
6	09/29/86		Cc	0	0.00	147	12/06/86	93	Y
0	10/05/86	09:00	Cc	0	0.00	0		0	
0	10/08/86		Cc	0	0.00	0		0	
0	10/08/86		Dc	0	0.00	0		0	
7	10/08/86	07:15	Cc	0	0.00	146	12/06/86	65	Y
0	10/12/86		Dc	0	0.00	0		0	
0	10/12/86		Dc	0	0.00	0		0	
0	10/13/86		Cc	0	0.00	0			
0	10/13/86		Dc	0	0.00	0		0	
8	10/08/86		Cc	0	0.00	127	12/15/86	113	Y
13	10/05/86	09:20	Cc	0	0.00	135	12/16/86	80	N
0	10/18/86		Dc	0	0.00	0		0	
9	10/10/86		Cc	0	0.00	127	12/17/86	113	Y
0	10/19/86		Dc	0	0.00	0		0	
10	10/11/86		Cc	0	0.00	124	12/19/86	87	Y
0	10/21/86		Cc	0	0.00	0		0	
0	10/21/86		Cc	0	0.00	0		0	
0	10/21/86	00:42	Cc	0	0.00	0		0	
11	10/11/86		Cc	0	0.00	161	12/19/86	87	Y
0	10/22/86		Dc	0	0.00	0		0	
0	10/23/86		Cc	0	0.00	0		0	
12	10/13/86		Cc	0	0.00	122	12/21/86	48	Y
0	10/25/86		Cc	0	0.00	0		0	
13	10/13/86		Cc	0	0.00	146	12/23/86	6	Y
0	10/28/86		Cc	0	0.00	0		0	
0	10/29/86		Cc	0	0.00	0		0	
0	10/29/86		Cc	0	0.00	0		0	
0	10/29/86		Cc	0	0.00	0		0	
14	10/16/86		Cc	0	0.00	151	12/23/86	76	Y
0	10/31/86		Cc	0	0.00	0		0	
0	10/31/86		Dc	0	0.00	0		0	
0	11/01/86		Cc	0	0.00	0		0	
0	11/01/86		Dc	0	0.00	0		0	
0	11/01/86	05:30	Dc	4406	1.67	0		0	
0	11/01/86		Dc	0	0.00	0		0	

## WATS II SEA TURTLE SURVEY DATA FORMS

TAMAR PROJECT: BRAZIL 1986 and 1987

Beach: Combios

02 October 1987

(Page No. 1-6)

Nest	Nesting date	Time	Species *	Tag number	Carapace length	Eggs	Emergence date	Hatchlings	Re-located
0	11/01/86		Dc	0	0.00	0		0	
0	11/02/86	02:20	Dc	4406	1.67	0		0	
0	11/04/86	04:07	Dc	4406	1.67	0		0	
16	10/20/86	01:20	Cc	4414	0.98	146	12/21/86	81	Y
0	11/05/86		Cc	0	0.00	0		0	
0	11/05/86		Cc	0	0.00	0		0	
0	11/05/86		Cc	0	0.00	0		0	
0	11/05/86		Dc	0	0.00	0		0	
0	11/05/86	05:18	Dc	4406	1.67	0		0	
0	11/05/86		Uk	0	0.00	0		0	
0	11/05/86		Uk	0	0.00	0		0	
24	10/13/86	07:30	Dc	0	0.00	128	01/05/87	95	N
17	10/20/86	02:36	Cc	0	0.00	136	12/23/83	96	Y
0	11/07/86		Cc	0	0.00	0		0	
0	11/07/86		Dc	0	0.00	0		0	
0	11/07/86		Dc	0	0.00	0		0	
0	11/07/86		Dc	0	0.00	0		0	
18	10/21/86		Cc	0	0.00	147	12/23/86	89	Y
19	10/21/86		Cc	0	0.00	112	12/25/86	93	Y
27	10/15/86		Cc	0	0.00	119	12/24/86	115	N
20	10/22/86		Dc	0	0.00	144	12/31/86	55	Y
0	11/12/86		Dc	0	0.00	0		0	
0	11/12/86		Dc	0	0.00	0		0	
29	10/16/86		Uk	0	0.00	0		0	N
21	10/24/86		Cc	0	0:00	167	12/25/86	105	Y
22	10/24/86		Cc	0	0:00	165	12/23/86	132	Y
23	10/24/86		Cc	0	0:00	120	12/31/86	25	Y
0	11/17/86		Cc	0	0.00	0		0	
31	10/18/86		Cc	0	0.00	41		15	N
32	10/18/86		Cc	0	0.00	146	12/12/86	89	Y
0	11/19/86		Dc	0	0.00	0		0	
24	10/27/86		Cc	0	0.00	142	12/26/86	75	Y
0	11/20/86		Dc	0	0.00	0		0	
0	11/20/86		Dc	0	0.00	0		0	
25	10/28/86		Cc	0	0.00	147	12/28/86	123	Y
0	11/22/86		Cc	0	0.00	0		0	
26	10/28/86		Cc	0	0.00	164	12/28/86	45	Y
27	10/29/86		Cc	0	0.00	160	12/28/86	131	Y
14	11/11/86		Cc	0	0.00	131	01/12/87	105	N
28	10/30/86	00:01	Cc	4404	1.01	134	01/03/87	63	Y
38	10/21/86	00:21	Cc	0	0.00	0		0	N
29	10/30/86	03:15	Cc	4405	1.01	133	12/30/86	103	Y
39	10/21/86	00:29	Cc	0	0.00	0		0	N
30	10/30/86		Cc	0	0.00	150	12/30/86	75	Y
0	11/29/86		Dc	0	0.00	0		0	
31	10/31/86		Dc	0	0.00	133	01/05/87	47	Y
32	11/01/86		Cc	0	0.00	110	01/02/87	18	Y

## WATS II SEA TURTLE SURVEY DATA FORMS

TAMAR PROJECT: BRAZIL 1986 and 1987

Beach: Combos

02 October 1987

(Page No. 1-6)

Nest	Nesting date	Time	Species *	Tag number	Carapace length	Eggs	Emergence date	Hatchlings	Re-located
33	11/01/86		Cc	0	0.00	120	01/04/87	66	Y
34	11/03/86	05:25	Cc	0	0.00	156	01/02/87	70	Y
0	12/07/86		Cc	0	0.00	0		0	
45	10/24/86		Cc	0	0.00	0		0	N
35	11/04/86	03:00	Cc	0	0.00	139	01/05/87	75	Y
47	10/24/86		Cc	0	0.00	0		0	N
36	11/04/86		Cc	0	0.00	142	12/31/86	73	Y
37	11/04/86		Cc	0	0.00	138	01/04/87	41	Y
38	11/04/86		Cc	0	0.00	183	01/04/87	62	Y
39	11/05/86	05:04	Cc	4408	0.96	127	01/03/87	86	Y
40	11/06/86		Cc	0	0.00	140	01/06/87	93	Y
41	11/06/86		Cc	0	0.00	139	01/05/87	107	Y
0	12/18/86		Cc	0	0.00	0		0	
52	10/28/86		Cc	0	0.00	124	01/05/87	116	N
42	11/07/86		Cc	0	0.00	179	01/02/87	147	Y
43	11/07/86		Cc	0	0.00	114	01/05/87	67	Y
44	11/07/86		Cc	0	0.00	120	01/05/87	105	Y
45	11/08/86		Cc	0	0.00	131	01/05/87	79	Y
46	11/08/86		Cc	0	0.00	128	01/05/87	95	Y
47	11/08/86		Cc	0	0.00	168	01/04/87	147	Y
48	11/10/86		Cc	0	0.00	128	01/09/87	34	Y
49	11/10/86		Cc	4410	1.02	116	01/07/87	62	Y
50	11/10/86		Cc	4411	1.06	133	01/05/87	91	Y
51	11/10/86		Cc	0	0.00	77	01/09/87	22	Y
52	11/10/86		Cc	0	0.00	108	01/07/87	52	Y
53	11/11/86		Cc	0	0.00	143	01/08/87	111	Y
54	11/14/86		Cc	0	0.00	128	01/12/87	55	Y
55	11/15/86		Cc	0	0.00	90	01/13/87	34	Y
56	11/15/86		Dc	0	0.00	64	01/17/87	14	Y
57	11/15/86		Cc	0	0.00	130	01/16/87	26	Y
58	11/16/86		Cc	0	0.00	157	01/16/87	8	Y
59	11/17/86		Cc	0	0.00	121	01/14/87	58	Y
60	11/17/86		Cc	0	0.00	144	01/10/87	96	Y
61	11/17/86		Cc	0	0.00	160	01/11/87	70	Y
62	11/18/86		Cc	4425	0.99	70	01/12/87	62	Y
63	11/19/86		Dc	0	0.00	99	01/19/87	36	Y
64	11/19/86		Cc	0	0.00	92	01/15/87	59	Y
65	11/20/86		Cc	0	0.00	144	01/14/87	68	Y
66	11/20/86		Dc	0	0.00	140	01/21/87	43	Y
67	11/22/86		Cc	0	0.00	148	01/15/87	97	Y
68	11/22/86		Cc	0	0.00	113	01/16/87	83	Y
69	11/23/86		Cc	4415	0.99	120	01/16/87	67	Y
70	11/23/86		Cc	0	0.00	120	01/20/87	193	Y
71	11/23/86		Cc	0	0.00	144	01/20/87	64	Y
72	11/24/86		Cc	0	0.00	134	01/18/87	103	Y
73	11/25/86		Cc	0	0.00	159	01/18/87	82	Y
74	11/25/86		Cc	0	0.00	125	01/17/87	43	Y

## WATS II SEA TURTLE SURVEY DATA FORMS

TAMAR PROJECT: BRAZIL 1986 and 1987

Beach: Combos

02 October 1987

(Page No. 1-6)

Nest	Nesting date	Time	Species * C	Tag number Cc	Carapace length 0.00	Eggs 131	Emergence date 01/20/87	Hatchlings 81	Re-located Y
75	11/25/86		Cc	0	0.00	131	01/20/87	81	Y
76	11/26/86		Cc	0	0.00	125	01/19/87	82	Y
77	11/26/86		Cc	0	0.00	112	01/20/87	86	Y
78	11/26/86		Cc	0	0.00	143	01/22/87	75	Y
79	11/26/86		Cc	0	0.00	82	01/22/87	45	Y
80	11/26/86		Cc	0	0.00	101	01/21/87	88	Y
81	11/27/86		Cc	0	0.00	90	01/24/87	12	Y
82	11/28/86		Cc	4416	0.98	113	01/24/87	36	Y
83	11/28/86		Cc	0	0.00	143	01/23/87	62	Y
84	11/28/86		Cc	0	0.00	114	01/23/87	75	Y
86	11/29/86		Cc	0	0.00	142	01/22/87	74	Y
87	11/29/86	03:45	Dc	0	0.00	114	01/29/87	40	Y
88	11/30/86		Cc	0	0.00	113	01/30/87	54	Y
102	11/17/86		Cc	0	0.00	122	01/10/87	102	N
89	11/30/86		Cc	0	0.00	140	01/26/87	33	Y
104	11/17/86		Cc	4412	0.00	82	01/28/87	71	N
90	12/01/86	01:50	Cc	4417	1.03	133	01/24/87	61	Y
91	12/03/86		Cc	4418	0.95	142	01/26/87	104	Y
92	12/03/86		Cc	0	0.00	124	01/26/87	72	Y
93	12/03/86		Cc	0	0.00	152	01/26/87	79	Y
94	12/03/86		Cc	0	0.00	128	01/26/87	48	Y
95	12/04/86	06:54	Cc	4419	1.04	51	01/31/87	27	Y
96	12/04/86		Cc	0	0.00	160	01/26/87	51	Y
111	11/20/86		Cc	0	0.00	137	01/28/87	109	N
97	12/05/86		Cc	0	0.00	112	01/26/87	66	Y
98	12/05/86		Cc	0	0.00	143	01/26/87	70	Y
99	12/06/86		Cc	0	0.00	81	02/02/87	52	Y
100	12/07/86		Cc	0	0.00	116	01/31/87	105	Y
116	11/22/86		Cc	0	0.00	97	01/30/87	82	N
101	12/07/86		Cc	0	0.00	115	01/31/87	68	Y
102	12/08/86		Cc	0	0.00	92	02/01/87	60	Y
119	11/22/86		Cc	0	0.00	0	0	82	N
103	12/08/86		Cc	0	0.00	112	02/01/87	33	Y
104	12/09/86		Cc	0	0.00	147	01/31/87	82	Y
105	12/09/86		Cc	0	0.00	129	02/01/87	58	Y
106	12/09/86		Dc	0	0.00	105	02/07/87	39	Y
123	11/24/86		Dc	0	0.00	0		0	N
107	12/11/86		Cc	0	0.00	122		2	Y
108	12/11/86		Cc	0	0.00	100	02/03/87	64	Y
125	11/25/86		Cc	0	0.00	134	01/29/87	106	N
109	12/11/86		Cc	0	0.00	100	02/03/87	70	Y
126	11/25/86		Cc	0	0.00	84	01/31/87	74	N
110	12/11/86		Cc	0	0.00	164	02/03/87	71	Y
111	12/12/86		Cc	0	0.00	112	02/03/87	61	Y
112	12/12/86		Cc	0	0.00	153	02/02/87	84	Y
113	12/12/86		Cc	0	0.00	165	02/03/87	94	Y
114	12/14/86		Cc	0	0.00	120	02/07/87	58	Y

## WATS II SEA TURTLE SURVEY DATA FORMS

TAMAR PROJECT: BRAZIL 1986 and 1987

Beach: Combos

02 October 1987

(Page No. 1-6)

Nest	Nesting date	Time	Species *	Tag number	Carapace length	Eggs	Emergence date	Hatchlings	Re-located
115	12/14/86		Cc	0	0.00	112	02/05/87	64	Y
116	12/14/86		Cc	0	0.00	108	02/05/87	61	Y
117	12/15/86		Cc	0	0.00	90	02/07/87	35	Y
118	12/15/86		Cc	0	0.00	142	02/07/87	52	Y
119	12/15/86		Cc	0	0.00	111	02/14/87	2	Y
120	12/16/86		Cc	0	0.00	59	02/05/87	48	Y
121	12/16/86		Cc	0	0.00	104	02/11/87	12	Y
122	12/16/86		Cc	0	0.00	110	02/14/87	58	Y
123	12/16/86		Cc	0	0.00	85	02/07/87	66	Y
124	12/18/86		Cc	0	0.00	124	02/07/87	67	Y
140	12/03/86		Cc	0	0.00	158	01/29/87	138	N
125	12/18/86		Cc	0	0.00	104	02/14/87	24	Y
126	12/19/86		Dc	0	0.00	144	02/16/87	37	Y
127	12/20/86		Cc	0	0.00	139	02/09/87	24	Y
144	12/04/86		Cc	0	0.00	127	01/28/87	117	N
128	12/20/86		Cc	0	0.00	153	02/11/87	47	Y
129	12/21/86		Cc	0	0.00	2	02/11/87	51	Y
130	12/21/86		Cc	0	0.00	109	02/11/87	64	Y
131	12/21/86		Cc	0	0.00	116	02/15/87	78	Y
132	12/21/86		Cc	0	0.00	101	02/15/87	46	Y
148	12/06/86		Cc	0	0.00	0		0	N
149	12/07/86		Cc	0	0.00	134	02/07/87	131	N
151	12/07/86		Cc	0	0.00	0		0	N
134	12/26/86		Cc	0	0.00	106	02/15/87	62	Y
133	12/28/86		Cc	0	0.00	127	02/15/87	55	Y
154	12/08/86		Cc	0	0.00	0		0	N
135	12/27/86		Cc	0	0.00	108	02/15/87	71	Y
136	12/28/86		Cc	0	0.00	87	02/19/87	41	Y
137	12/29/86		Dc	0	0.00	105	02/26/87	33	Y
138	12/29/86		Cc	0	0.00	139	02/17/87	42	Y
139	12/29/86		Cc	0	0.00	122	02/17/87	73	Y
141	12/30/86		Cc	0	0.00	106	02/18/87	50	Y
142	12/30/86		Cc	0	0.00	116	02/18/87	50	Y
161	12/12/86		Cc	0	0.00	131	02/06/87	112	Y
143	12/30/86		Cc	0	0.00	137	02/18/87	14	Y
144	12/30/86		Cc	0	0.00	172	02/18/87	116	Y
145	12/31/86		Cc	0	0.00	141	02/18/87	56	Y
146	12/31/86		Cc	0	0.00	16	02/25/87	12	Y
147	01/02/87		Cc	0	0.00	141	02/24/87	11	Y
148	01/03/87		Cc	0	0.00	107	02/26/87	44	Y
149	01/04/87		Cc	0	0.00	88	02/26/87	45	Y
150	01/06/87		Cc	0	0.00	125	02/24/87	71	Y
152	01/09/87		Cc	0	0.00	104	02/27/87	69	Y
154	01/09/87		Dc	0	0.00	154		12	Y
155	01/14/87		Cc	0	0.00	79	03/06/87	44	Y
156	01/15/87		Cc	0	0.00	131	03/05/87	65	Y
157	01/18/87		Cc	0	0.00	92	03/09/87	64	Y

## WATS II SEA TURTLE SURVEY DATA FORMS

TAMAR PROJECT: BRAZIL 1986 and 1987

Beach: Combios  
02 October 1987

(Page No. 1-6)

Nest	Nesting date	Time	Species *	Tag number	Carapace length	Eggs	Emergence date	Hatchlings	Re-located
158	01/23/87		Cc	0	0.00	111	03/13/87	52	Y
160	01/25/87		Cc	0	0.00	128	03/15/87	57	Y
161	01/26/87		Cc	0	0.00	105	03/15/87	84	Y
162	01/28/87		Cc	0	0.00	148	03/17/87	11	Y
193	12/31/86		Cc	0	0.00	0		0	N
163	02/03/87		Cc	0	0.00	116	03/27/87	40	Y
164	02/04/87		Cc	0	0.00	126	03/28/87	4	Y
165	02/05/87		Cc	0	0.00	85	03/28/87	45	Y
166	02/05/87		Cc	0	0.00	117	03/29/87	91	Y
167	02/11/87		Ei	0	0.00	119	03/29/87	35	Y
202	01/13/87		Cc	0	0.00	0		0	N
203	01/14/87		Cc	0	0.00	0		0	N
206	01/24/87		Cc	0	0.00	0		0	N
207	01/24/87		Cc	0	0.00	0		0	N
192	12/31/87		Cc	0	0.00	0		0	N
35			Cc	0	0.00	103		58	Y
140			Cc	0	0.00	80		2	Y
151			Cc	0	0.00	102	02/27/87	52	Y
159			Cc	0	0.00	102	03/15/87	71	Y
0			Dc	0	0.00	103	02/11/87	68	N
Total						22,625		12,051	

\* Cc=*Caretta caretta*; Cm=*Chelonia mydas*; Dc=*Dermochelys coriacea*; Ei=*Eretmochelys imbricata*;  
Lk=*Lepidochelys kempi*; Lo=*Lepidochelys olivacea*; Uk=Unknown

## WATS II SEA TURTLE SURVEY DATA FORMS

TAMAR PROJECT: BRAZIL 1986 and 1987

Beach: Trindade

18 September 1987 (Page No. 1-15)

Nest	Nesting date	Time	Species	Tag number	Carapace length	Eggs	Emergence date	Hatchlings	Re-located
1			Cm	0	0.00	138		126	N
2			Cm	0	0.00	84		74	N
3			Cm	0	0.00	162		108	N
4			Cm	0	0.00	202		95	N
5			Cm	0	0.00	153		131	N
6			Cm	0	0.00	119		116	N
7			Cm	0	0.00	126		121	N
8			Cm	0	0.00	116		96	N
9			Cm	0	0.00	142		138	N
10			Cm	0	0.00	121		116	N
11			Cm	0	0.00	130		123	N
12			Cm	0	0.00	110		105	N
13			Cm	0	0.00	112		108	N
14			Cm	0	0.00	106		65	N
15			Cm	0	0.00	164		118	N
16			Cm	0	0.00	134		57	N
17			Cm	0	0.00	85		78	N
18			Cm	0	0.00	144		116	N
19			Cm	0	0.00	43		42	N
20			Cm	0	0.00	162		112	N
21			Cm	0	0.00	115		109	N
22			Cm	0	0.00	127		105	N
23			Cm	0	0.00	126		112	N
24			Cm	0	0.00	114		104	N
25			Cm	0	0.00	183		168	N
26			Cm	0	0.00	166		139	N
27			Cm	0	0.00	172		134	N
28			Cm	0	0.00	158		150	N
29			Cm	0	0.00	153		148	N
30			Cm	0	0.00	156		130	N
31			Cm	0	0.00	145		125	N
32			Cm	0	0.00	103		98	N
33			Cm	0	0.00	117		112	N
35			Cm	0	0.00	123		106	N
37			Cm	0	0.00	142		78	N
38			Cm	0	0.00	122		112	N
39			Cm	0	0.00	208		152	N
40			Cm	0	0.00	163		152	N
41			Cm	0	0.00	108		104	N
42			Cm	0	0.00	145		142	N
43			Cm	0	0.00	98		93	N
0	02/18/86	00:18	Cm	3612	1.14	0		0	
0	02/18/86	01:14	Cm	3613	1.15	0		0	
0	02/18/86	00:38	Cm	442	1.19	0		0	
0	02/18/86	21:10	Cm	3701	1.10	0		0	
0	02/18/86	21:17	Cm	3702	1.17	0		0	
0	02/18/86	21:00	Cm	3615	1.15	0		0	
0	02/18/86	22:45	Cm	3616	1.14	0		0	
	02/18/86	23:00	Cm	3618	1.11	0		0	

## WATS II SEA TURTLE SURVEY DATA FORMS

TAMAR PROJECT: BRAZIL 1986 and 1987

Beach: Trindade

18 September 1987

(Page No 2 of 15)

Nest	Nesting date	Time	Species	Tag number	Carapace length	Eggs	Emergence date	Hatchlings	Re-located
0	02/18/86	23:40	Cm	3620	1.14	0		0	
0	02/18/86	23:42	Cm	3614	1.14	0		0	
0	02/18/86	23:43	Cm	3718	1.21	0		0	N
0	02/18/86	22:27	Cm	3711	1.26	0		0	
0	02/18/86	22:25	Cm	3715	1.13	0		0	
0	02/18/86	23:06	Cm	3712	1.23	0		0	N
0	02/18/86	22:39	Cm	3716	1.22	0		0	N
0	02/18/86	22:31	Cm	3713	1.34	0		0	
0	02/18/86	23:11	Cm	3710	1.18	0		0	N
0	02/18/86	22:47	Cm	3717	1.31	0		0	N
0	02/18/86	22:22	Cm	3707	1.15	0		0	
0	02/18/86	22:19	Cm	3708	1.20	0		0	
0	02/18/86	22:14	Cm	4124	1.16	0		0	
0	02/18/86	22:08	Cm	3705	1.16	0		0	
0	02/18/86	21:58	Cm	3703	1.23	0		0	
0	02/19/86	23:48	Cm	3704	1.19	0		0	
0	02/19/86	00:07	Cm	3745	1.19	0		0	
0	02/19/86	01:20	Cm	3625	1.19	0		0	
0	02/19/86	00:45	Cm	3719	1.21	0		0	
0	02/19/86	21:47	Cm	3746	1.03	0		0	
0	02/19/86	23:17	Cm	3742	1.15	0		0	
0	02/19/86	02:14	Cm	3740	1.17	0		0	
0	02/19/86	02:29	Cm	3714	1.16	0		0	
0	02/19/86	23:00	Cm	3722	1.14	0		0	
0	02/19/86	01:00	Cm	3739	0.00	0		0	
0	02/19/86	01:07	Cm	3720	1.17	0		0	
0	02/19/86	01:14	Cm	3741	1.20	0	04/16/86	0	N
0	02/19/86	01:18	Cm	3706	1.20	0		0	
0	02/19/86	02:11	Cm	3724	1.16	0		0	
0	02/19/86	22:08	Cm	3611	1.18	0		0	N
0	02/19/86	02:22	Cm	3640	1.21	0		0	N
0	02/19/86	02:27	Cm	3638	1.24	0		0	N
0	02/19/86	02:56	Cm	3641	1.21	0		0	N
0	02/19/86	02:46	Cm	3644	1.21	0		0	N
0	02/19/86	22:00	Cm	3619	1.12	0		0	N
0	02/19/86	22:16	Cm	3606	1.23	0		0	N
0	02/19/86	22:24	Cm	3623	1.13	0		0	N
0	02/19/86	23:12	Cm	3621	1.15	0		0	N
0	02/19/86	03:10	Cm	3633	1.22	0		0	N
0	02/19/86	00:07	Cm	4124 *	1.16	0		0	N
0	02/19/86	00:03	Cm	3702 *	1.17	0		0	N
0	02/19/86	00:55	Cm	3604	1.08	0		0	N
0	02/19/86	00:27	Cm	3636	1.08	0		0	N
0	02/19/86	00:24	Cm	3624	1.23	0		0	N
0	02/19/86	00:35	Cm	3610	1.10	0		0	N
0	02/19/86	02:36	Cm	3605	1.16	0		0	N
0	02/19/86	00:14	Cm	3601	1.23	0		0	N
0	02/19/86	00:17	Cm	3622	1.15	0		0	N
0	02/19/86		Cm	0	0.00	157		0	N

## WATS II SEA TURTLE SURVEY DATA FORMS

TAMAR PROJECT: BRAZIL 1986 and 1987

Beach: Trindade

18 September 1987 (Page No 3 of 15)

Nest	Nesting date	Time	Species	Tag number	Carapace length	Eggs	Emergence date	Hatchlings	Re-located
0	02/19/86		Cm	0	0.00	137		0	N
0	02/20/86	23:51	Cm	3747	1.08	0		0	
0	02/20/86	01:13	Cm	3704 *	1.19	0		0	
0	02/20/86	01:28	Cm	3763	1.22	0		0	
0	02/20/86	00:52	Cm	3741 *	1.20	0		0	
0	02/20/86	01:09	Cm	3762	1.14	0	04/15/86	0	N
0	02/20/86	21:46	Cm	3624 *	1.23	0		0	
0	02/20/86	01:59	Cm	3727	1.17	0		0	
0	02/20/86	02:08	Cm	3734	1.15	0		0	
0	02/20/86	02:50	Cm	3773	1.21	0		0	N
0	02/20/86	02:02	Cm	3731	1.18	0	04/15/86	0	N
0	02/20/86	00:08	Cm	3735	1.13	0		0	
0	02/20/86	00:14	Cm	3737	1.18	0		0	
0	02/20/86	23:42	Cm	3747 *	1.08	0		0	
0	02/20/86	23:51	Cm	3730	1.18	0		0	N
0	02/20/86	02:18	Cm	3738	1.20	0		0	
0	02/20/86	23:38	Cm	3726	1.07	0		0	
0	02/20/86	01:54	Cm	3772	1.09	0		0	
0	02/20/86	01:34	Cm	3729	1.17	0		0	
0	02/20/86	01:48	Cm	3732	1.15	0		0	
0	02/20/86	23:12	Cm	510	1.14	0		0	N
0	02/20/86	23:03	Cm	3736	1.21	0		0	N
0	02/20/86	23:18	Cm	3733	1.22	0		0	N
0	02/20/86	22:03	Cm	3617	1.10	0		0	N
0	02/20/86	23:50	Cm	3602	1.16	0		0	N
0	02/20/86	22:22	Cm	3609	1.21	0		0	N
0	02/20/86	22:19	Cm	3650	1.13	0		0	N
0	02/20/86	22:12	Cm	3649	1.32	0		0	N
0	02/20/86	22:40	Cm	3603	1.11	0		0	N
0	02/20/86	21:58	Cm	3614 *	1.14	0		0	N
0	02/20/86	21:54	Cm	3607	1.18	0		0	N
0	02/20/86	21:34	Cm	3645	1.09	0		0	N
0	02/20/86	21:26	Cm	3608	1.20	0		0	N
0	02/20/86	00:09	Cm	3648	1.14	0		0	N
0	02/20/86		Cm	0	0.00	0		0	N
0	02/20/86		Cm	0	1.00	145		0	N
0	02/20/86		Cm	0	0.00	0		0	N
34	02/20/86	21:58	Cm	3750	1.22	155	04/10/86	148	N
36	02/20/86	21:44	Cm	3711	1.26	156		0	N
44	02/20/86	01:44	Cm	3721	1.16	133	04/13/86	119	N
45	02/20/86	00:38	Cm	3748	1.11	141		0	N
0	02/21/86	23:53	Cm	3755	1.08	0		0	
0	02/21/86	23:50	Cm	3722 *	1.14	0		0	
0	02/21/86	00:08	Cm	3759	1.07	0		0	
0	02/21/86	21:39	Cm	3754	1.11	0		0	N
0	02/21/86	23:32	Cm	3757	0.00	0		0	
0	02/21/86	01:06	Cm	3761	1.13	0		0	
0	02/21/86	00:56	Cm	3756	1.21	164		0	N
0	02/21/86	01:14	Cm	3741 *	1.20	0		0	N

## WATS II SEA TURTLE SURVEY DATA FORMS

TAMAR PROJECT: BRAZIL 1986 and 1987

Beach: Trindade

18 September 1987 (Page No 4 of 15)

Nest	Nesting date	Time	Species	Tag number	Carapace length	Eggs	Emergence date	Hatchlings	Re-located
0	02/21/86	01:51	Cm	3752	1.04	0		0	
0	02/21/86	02:42	Cm	3774	1.20	0		0	
0	02/21/86	01:33	Cm	3760	1.27	0	04/15/86	0	N
0	02/21/86	01:43	Cm	3751	1.14	0		0	
0	02/21/86	01:49	Cm	3635	1.12	0		0	
0	02/21/86	02:04	Cm	3711 *	1.21	0		0	N
0	02/21/86	02:18	Cm	3798	1.16	0		0	N
0	02/21/86	02:01	Cm	3753	1.24	0		0	N
0	02/21/86	02:12	Cm	3769	1.14	0		0	N
0	02/21/86	02:06	Cm	3640 *	1.21	0		0	N
0	02/21/86	02:09	Cm	3728	1.19	0		0	N
0	02/21/86	02:24	Cm	3795	1.04	0		0	N
0	02/21/86	22:14	Cm	3649 *	1.32	0		0	N
0	02/21/86	22:25	Cm	3648 *	1.14	0		0	N
0	02/21/86	22:40	Cm	3643	1.19	0		0	N
0	02/21/86	22:48	Cm	3630	1.21	0		0	N
0	02/21/86	22:50	Cm	3609 *	1.21	0		0	N
0	02/21/86	00:21	Cm	3629	1.11	0		0	N
0	02/21/86	22:24	Cm	3632	1.07	0		0	N
0	02/21/86	22:21	Cm	3642	1.19	0		0	N
0	02/21/86	22:12	Cm	3645 *	1.09	0		0	N
0	02/21/86	22:13	Cm	3603 *	1.11	0		0	N
0	02/22/86	00:09	Cm	3796	1.14	0	04/15/86	0	N
0	02/22/86	02:00	Cm	3732 *	1.15	0		0	
0	02/22/86	02:04	Cm	3653	1.18	0		0	
0	02/22/86	23:21	Cm	3765	1.18	0		0	
0	02/22/86	23:49	Cm	3799	1.12	0		0	N
0	02/22/86	23:11	Cm	3731 *	1.18	0	04/15/86	0	N
0	02/22/86	23:43	Cm	3767	1.14	0		0	
0	02/22/86	02:06	Cm	3627	1.20	0		0	
0	02/22/86	02:10	Cm	3651	1.12	0		0	
0	02/22/86	23:15	Cm	3722 *	1.14	0		0	
0	02/22/86	21:37	Cm	3768	1.04	0		0	
0	02/22/86	22:15	Cm	3764	1.17	0		0	
0	02/22/86	01:33	Cm	3743	1.19	0		0	N
0	02/22/86	01:02	Cm	3775	1.12	0		0	N
0	02/22/86	00:39	Cm	3770	1.17	0		0	N
0	02/22/86	00:41	Cm	3726 *	1.07	0		0	N
0	02/22/86	00:50	Cm	3766	1.14	0		0	N
0	02/22/86	00:56	Cm	3797	1.14	0		0	N
0	02/22/86	00:53	Cm	3749	1.14	0		0	N
0	02/22/86	06:57	Cm	3779	1.09	0		0	
0	02/23/86	01:46	Cm	3655	1.12	0		0	
0	02/23/86	01:51	Cm	3664	1.06	0		0	
0	02/23/86	01:54	Cm	3631	1.12	0		0	
0	02/23/86	23:43	Cm	3793	1.15	0		0	
0	02/23/86	02:11	Cm	3639	1.12	0		0	
0	02/23/86	02:15	Cm	3646	1.11	0		0	
0	02/23/86	02:26	Cm	3626	1.10	0		0	

## WATS II SEA TURTLE SURVEY DATA FORMS

TAMAR PROJECT: BRAZIL 1986 and 1987

Beach: Trindade

18 September 1987 (Page No 5 of 15)

Nest	Nesting date	Time	Species	Tag number	Carapace length	Eggs	Emergence date	Hatchlings	Re-located
0	02/23/86	23:22	Cm	3782	1.16	0	04/16/86	0	N
0	02/23/86	22:59	Cm	3780	1.15	0		0	
0	02/23/86	02:05	Cm	3637	1.18	0		0	
0	02/23/86	02:32	Cm	3797 *	1.14	0		0	
0	02/23/86	22:51	Cm	3777	1.16	0	04/17/86	0	N
0	02/23/86	22:47	Cm	3613 *	1.15	0		0	
0	02/23/86	22:31	Cm	3700	1.14	0		0	
0	02/23/86	22:45	Cm	3788	1.22	0		0	N
0	02/23/86	22:12	Cm	3789	1.23	0		0	N
0	02/23/86	21:42	Cm	3792	1.22	0	04/18/86	0	N
0	02/23/86	23:40	Cm	3627 *	1.20	0		0	
0	02/23/86	22:36	Cm	3790	1.19	0	04/15/86	0	N
0	02/23/86	02:43	Cm	3652	1.23	0		0	
0	02/23/86	05:42	Cm	3783	1.16	0		0	N
0	02/23/86	00:31	Cm	3786	1.14	0		0	N
0	02/23/86	00:35	Cm	3778	1.15	0		0	N
0	02/23/86	00:04	Cm	3781	1.18	0		0	N
0	02/24/86	00:35	Cm	3654	1.09	0		0	
0	02/24/86	22:13	Cm	3776	1.18	0		0	
0	02/24/86	00:43	Cm	3661	1.12	0		0	
0	02/24/86	22:21	Cm	3902	1.23	0		0	
0	02/24/86	00:55	Cm	3660	1.05	0		0	
0	02/24/86	22:38	Cm	3784	1.20	0		0	
0	02/24/86	01:01	Cm	3656	1.13	0		0	
0	02/24/86	23:12	Cm	3904	1.16	0		0	
0	02/24/86	01:04	Cm	3675	1.10	0		0	
0	02/24/86	23:29	Cm	3911	1.10	0		0	
0	02/24/86	01:27	Cm	3665	1.18	0		0	
0	02/24/86	23:40	Cm	3905	1.13	0		0	
0	02/24/86	22:12	Cm	3905	1.16	0		0	
0	02/24/86	23:51	Cm	3914	1.05	0		0	
0	02/24/86	22:04	Cm	3794	0.00	0		0	
0	02/24/86	22:18	Cm	3767 *	1.14	0		0	
0	02/24/86	22:00	Cm	3646 *	1.11	0		0	
0	02/24/86	22:54	Cm	3901	1.11	0		0	
0	02/24/86	21:55	Cm	3639 *	1.12	0		0	
0	02/24/86	23:36	Cm	3907	1.10	0		0	
0	02/24/86	00:09	Cm	3647	1.13	0		0	
0	02/24/86	22:25	Cm	3903	1.22	0		0	
0	02/24/86	23:23	Cm	3910	1.23	0		0	
0	02/24/86	23:46	Cm	3925	1.12	0		0	
0	02/24/86	21:54	Cm	3637 *	1.18	0		0	
0	02/24/86	21:51	Cm	3791	1.18	0		0	
0	02/24/86	21:45	Cm	3631 *	1.12	0		0	
0	02/24/86	21:43	Cm	3664 *	1.06	0		0	
0	02/24/86	21:42	Cm	3785	1.22	0		0	
0	02/24/86	21:33	Cm	3787	1.15	0		0	
0	02/24/86	22:01	Cm	3906	1.15	0		0	
0	02/24/86	00:26	Cm	3916	1.11	0		0	N

## WATS II SEA TURTLE SURVEY DATA FORMS

TAMAR PROJECT: BRAZIL 1986 and 1987

Beach: Trindade

18 September 1987 (Page No 6 of 15)

Nest	Nesting date	Time	Species	Tag number	Carapace length	Eggs	Emergence date	Hatchlings	Re-located
0	02/24/86	00:22	Cm	3912	1.15	0		0	N
0	02/24/86	00:14	Cm	3913	1.29	0		0	N
0	02/24/86	00:04	Cm	3652 *	1.23	0		0	N
0	02/24/86	00:08	Cm	3915	1.19	0		0	N
0	02/24/86	00:43	Cm	3924	1.10	0		0	N
0	02/24/86	00:46	Cm	3918	1.11	0		0	N
0	02/24/86	00:48	Cm	3917	1.15	0		0	N
0	02/24/86	00:51	Cm	3920	1.14	0		0	N
0	02/24/86	00:54	Cm	3923	1.12	0		0	N
0	02/24/86	01:05	Cm	3922	1.15	0		0	N
0	02/24/86	11:44	Cm	3921	0.00	0		0	N
0	02/24/86	00:41	Cm	3919	1.04	0		0	N
0	02/25/86	22:01	Cm	3975	1.11	0		0	
0	02/25/86	22:16	Cm	3926	1.14	0		0	
0	02/25/86	21:58	Cm	3970	1.23	0		0	
0	02/25/86	22:13	Cm	3654 *	1.09	0		0	
0	02/25/86	21:58	Cm	3753 *	1.24	0		0	
0	02/25/86	22:45	Cm	3930	1.04	0		0	
0	02/25/86	22:04	Cm	3972	1.15	0		0	
0	02/25/86	22:20	Cm	3927	1.14	0		0	
0	02/25/86	22:28	Cm	3929	1.16	0		0	
0	02/25/86	22:09	Cm	3973	1.21	0		0	
0	02/25/86	21:52	Cm	3969	1.15	0		0	
0	02/25/86	21:50	Cm	3974	1.18	0		0	
0	02/25/86	21:48	Cm	3791 *	1.18	0		0	
0	02/25/86	21:40	Cm	3637 *	1.18	0		0	
0	02/25/86	21:37	Cm	3971	1.18	0		0	
0	02/25/86	22:24	Cm	3928	1.22	0		0	
0	02/25/86	23:06	Cm	3934	1.16	0		0	
0	02/25/86	23:10	Cm	3931	1.12	0		0	N
0	02/25/86	23:11	Cm	3775 *	1.12	0		0	N
0	02/25/86	23:14	Cm	3932	1.25	0		0	N
0	02/25/86	23:37	Cm	3940	1.13	0		0	N
0	02/25/86	23:22	Cm	3656 *	1.13	0		0	N
0	02/25/86	23:42	Cm	3944	1.17	0		0	N
0	02/25/86	23:39	Cm	3945	1.19	0		0	N
0	02/25/86	23:20	Cm	3935	1.24	0		0	N
0	02/25/86	23:33	Cm	3938	1.11	0		0	N
0	02/25/86	23:30	Cm	3939	1.17	0		0	N
0	02/25/86	23:28	Cm	3937	1.12	0		0	N
0	02/25/86	23:26	Cm	3936	1.20	0		0	N
0	02/25/86	23:24	Cm	3933	1.16	0		0	N
0	02/25/86	22:40	Cm	3662	1.20	0		0	N
0	02/25/86	22:02	Cm	3669	1.20	0		0	N
0	02/25/86	22:04	Cm	3667	1.20	0		0	N
0	02/25/86	21:50	Cm	3666	1.13	0		0	N
0	02/25/86	21:46	Cm	3673	1.20	0		0	N
0	02/25/86	21:42	Cm	3671	1.15	0		0	N
0	02/25/86	22:18	Cm	3658	1.19	0		0	N

## WATS II SEA TURTLE SURVEY DATA FORMS

TAMAR PROJECT: BRAZIL 1986 and 1987

Beach: Trindade

18 September 1987 (Page No 7 of 15)

Nest	Nesting date	Time	Species	Tag number	Carapace length	Eggs	Emergence date	Hatchlings	Re-located
0	02/25/86	23:00	Cm	3690	1.19	0		0	N
0	02/25/86	23:17	Cm	3789 *	1.23	0		0	N
0	02/25/86	22:30	Cm	3674	1.02	0		0	N
0	02/25/86	22:55	Cm	3686	1.15	0		0	N
0	02/25/86	21:40	Cm	3670	1.23	0		0	N
0	02/25/86	22:33	Cm	3657	1.08	0		0	N
0	02/25/86	22:42	Cm	3663	1.20	0		0	N
0	02/25/86	22:36	Cm	3659	1.07	0		0	N
0	02/26/86	23:01	Cm	3685	1.18	0		0	
0	02/26/86	21:50	Cm	3668	1.12	0		0	
0	02/26/86	22:38	Cm	3929 *	1.16	0		0	
0	02/26/86	22:05	Cm	3918 *	1.11	0		0	
0	02/26/86	22:03	Cm	3672	1.14	0		0	
0	02/26/86	22:16	Cm	3682	1.12	0		0	
0	02/26/86	22:36	Cm	3776 *	1.18	0		0	
0	02/26/86	22:34	Cm	3677	1.19	0		0	
0	02/26/86	21:33	Cm	3634	1.17	0		0	
0	02/26/86	22:24	Cm	3693	1.18	0		0	
0	02/26/86	22:17	Cm	3970 *	1.23	0		0	
0	02/26/86	22:22	Cm	3688	1.00	0		0	
0	02/26/86	23:26	Cm	3679	1.26	0		0	
0	02/26/86	23:42	Cm	3689	1.23	0		0	N
0	02/26/86	23:43	Cm	3683	1.11	0		0	N
0	02/26/86	23:21	Cm	3969 *	1.15	0		0	N
0	02/26/86	00:29	Cm	3850	1.05	0		0	N
0	02/26/86	00:36	Cm	3694	1.19	0		0	N
0	02/26/86	23:27	Cm	3927 *	1.14	0		0	N
0	02/26/86	00:25	Cm	3697	1.22	0		0	N
0	02/26/86	23:36	Cm	3696	1.17	0		0	N
0	02/26/86	23:15	Cm	3687	1.08	0		0	N
0	02/26/86	00:03	Cm	3678	1.30	0		0	N
0	02/26/86	00:28	Cm	3698	1.12	0		0	N
0	02/26/86	00:15	Cm	3681	1.24	0		0	N
0	02/26/86	23:20	Cm	3695	1.24	0		0	N
0	02/26/86	23:38	Cm	3925 *	1.12	0		0	N
0	02/26/86	23:41	Cm	3680	1.15	0		0	N
0	02/26/86	23:45	Cm	3684	1.21	0		0	N
0	02/26/86	00:46	Cm	3692	1.12	0		0	N
0	02/26/86	00:54	Cm	3691	1.18	0		0	N
0	02/26/86	00:59	Cm	3699	1.11	0		0	N
0	02/26/86	01:02	Cm	3800	1.24	0		0	N
0	02/26/86	01:23	Cm	3921 *	0.00	0		0	N
0	02/26/86	01:23	Cm	3801	1.19	0		0	N
0	02/26/86	01:40	Cm	3804	1.14	0		0	N
0	02/26/86	01:27	Cm	3802	1.14	0		0	N
0	02/26/86	01:35	Cm	3803	1.21	0		0	
0	02/27/86	22:29	Cm	3949	1.15	0		0	
0	02/27/86	01:11	Cm	3999	1.26	0		0	
0	02/27/86	22:18	Cm	595 *	0.00	0		0	

## WATS II SEA TURTLE SURVEY DATA FORMS

TAMAR PROJECT: BRAZIL 1986 and 1987

Beach: Trindade

18 September 1987 (Page No 8 of 15)

Nest	Nesting date	Time	Species	Tag number	Carapace length	Eggs	Emergence date	Hatchlings	Re-located
0	02/27/86	22:27	Cm	3654 *	1.09	0		0	
0	02/27/86	21:51	Cm	3634 *	1.17	0		0	
0	02/27/86	22:06	Cm	3900	1.18	0		0	
0	02/27/86	22:24	Cm	3930 *	1.04	0		0	
0	02/27/86	22:09	Cm	3947	1.15	0		0	
0	02/27/86	22:18	Cm	3973 *	1.21	0		0	
0	02/27/86	22:14	Cm	3942	1.15	0		0	
0	02/27/86	21:59	Cm	3968	1.11	0		0	
0	02/27/86	22:57	Cm	3941	1.10	0		0	N
0	02/27/86	23:03	Cm	3967	1.13	0		0	N
0	02/27/86	23:05	Cm	3672 *	1.14	0		0	N
0	02/27/86	23:00	Cm	3758	1.16	0		0	N
0	02/27/86	22:40	Cm	3776 *	1.18	0		0	N
0	02/27/86	22:41	Cm	3922 *	12.15	0		0	N
0	02/27/86	22:43	Cm	3946	1.27	0		0	N
0	02/27/86	22:49	Cm	3948	1.17	0		0	N
0	02/27/86	22:52	Cm	3907 *	1.10	0		0	N
0	02/27/86	23:08	Cm	3943	1.13	0		0	N
0	02/27/86	23:10	Cm	3977	1.05	0		0	N
0	02/27/86	23:13	Cm	3978	1.22	0		0	N
0	02/27/86	23:28	Cm	3980	1.18	0		0	N
0	02/27/86	23:31	Cm	3976	1.11	0		0	N
0	02/27/86	23:33	Cm	3981	1.14	0		0	N
0	02/27/86	23:19	Cm	3979	0.00	0		0	N
0	02/27/86	23:43	Cm	3996	1.13	0		0	N
0	02/27/86	00:22	Cm	3995	1.17	0		0	N
0	02/27/86	23:52	Cm	3997	1.22	0		0	N
0	02/27/86		Cm	3805 *	1.05	0		0	N
0	02/27/86	00:20	Cm	3972 *	1.15	0		0	N
0	02/27/86	00:39	Cm	3994	1.07	0		0	N
0	02/27/86	00:24	Cm	3998	0.00	0		0	N
0	02/28/86	21:52	Cm	3900 *	1.18	0		0	
0	02/28/86	03:00	Cm	3815	1.22	0		0	
0	02/28/86	22:01	Cm	4104	1.20	0		0	
0	02/28/86	21:57	Cm	3978 *	1.22	0		0	
0	02/28/86	22:05	Cm	4101	1.18	0		0	
0	02/28/86	21:49	Cm	3990	1.15	0		0	
0	02/28/86	21:34	Cm	3618 *	1.11	0		0	
0	02/28/86	21:31	Cm	3634 *	1.17	0		0	
0	02/28/86	21:26	Cm	4102	1.07	0		0	
0	02/28/86	21:21	Cm	4107	1.13	0		0	
0	02/28/86	21:38	Cm	4105	1.23	0		0	
0	02/28/86	21:47	Cm	4106	1.15	0		0	
0	02/28/86	22:15	Cm	3988	1.22	0		0	
0	02/28/86	01:11	Cm	3810	1.26	0		0	
0	02/28/86	01:09	Cm	3809	1.11	0		0	N
0	02/28/86	00:58	Cm	3808	1.17	0		0	N
0	02/28/86	00:54	Cm	3807	1.18	0		0	N
0	02/28/86	00:48	Cm	3806	1.18	0		0	N

## WATS II SEA TURTLE SURVEY DATA FORMS

TAMAR PROJECT: BRAZIL 1986 and 1987

Beach: Trindade

18 September 1987 (Page No 9 of 15)

Nest	Nesting date	Time	Species	Tag number	Carapace length	Eggs	Emergence date	Hatchlings	Re-located
0	02/28/86	22:29	Cm	3910 *	1.23	0		0	N
0	02/28/86	01:15	Cm	3801 *	1.19	0		0	N
0	02/28/86	22:34	Cm	4103	1.11	0		0	N
0	02/28/86	22:35	Cm	3678 *	1.30	0		0	N
0	02/28/86	00:40	Cm	3776 *	1.26	0		0	N
0	02/28/86	22:44	Cm	3987	1.15	0		0	N
0	02/28/86	22:47	Cm	3985	1.13	0		0	N
0	02/28/86	22:48	Cm	3800 *	1.24	0		0	N
0	02/28/86	22:51	Cm	3992	1.13	0		0	N
0	02/28/86	01:24	Cm	3812	1.22	0		0	N
0	02/28/86	01:36	Cm	3813	1.05	0		0	N
0	02/28/86	22:52	Cm	3682 *	1.12	0		0	N
0	02/28/86	01:47	Cm	3814	1.10	0		0	N
0	02/28/86	22:37	Cm	3979	0.00	0		0	N
0	02/28/86	22:58	Cm	3993	1.13	0		0	N
0	02/28/86	23:00	Cm	3989	1.09	0		0	N
0	02/28/86	22:54	Cm	3991	1.18	0		0	N
0	02/28/86	23:01	Cm	3943 *	1.13	0		0	N
0	02/28/86	00:47	Cm	3961	1.24	0		0	N
0	02/28/86	23:50	Cm	3964	1.11	0		0	N
0	02/28/86	23:09	Cm	3965	1.16	0		0	N
0	02/28/86	23:27	Cm	3982	1.24	0		0	N
0	02/28/86	23:31	Cm	3805 *	1.05	0		0	N
0	02/28/86	23:29	Cm	3677 *	1.19	0		0	N
0	02/28/86	23:47	Cm	3780 *	1.15	0		0	N
0	03/01/86	22:57	Cm	3952	1.06	0		0	
0	03/01/86	22:35	Cm	3705 *	1.16	0		0	
0	03/01/86	22:54	Cm	3962	1.11	0		0	
0	03/01/86	22:51	Cm	3900 *	1.18	0		0	
0	03/01/86	22:42	Cm	3954	1.22	0		0	
0	03/01/86	22:37	Cm	3620 *	1.14	0		0	
0	03/01/86	23:49	Cm	3805 *	1.05	108		0	N
0	03/01/86	23:29	Cm	3815 *	1.22	0		0	N
0	03/01/86	23:27	Cm	3985 *	1.13	0		0	N
0	03/01/86	23:25	Cm	3710 *	1.18	0		0	N
0	03/02/86	19:57	Cm	3817	1.06	0		0	N
0	03/02/86	19:50	Cm	3816	1.11	0		0	N
0	03/04/86	01:33	Cm	4130	1.05	0		0	
0	03/04/86	01:24	Cm	3962	1.11	0		0	
0	03/04/86	01:14	Cm	3762 *	1.14	0	04/15/86	0	N
0	03/04/86	01:35	Cm	3748 *	1.11	0		0	
0	03/04/86	01:40	Cm	3724 *	1.16	0		0	
0	03/04/86	01:38	Cm	3711 *	1.26	0		0	
0	03/04/86	01:58	Cm	3606 *	1.23	0		0	N
0	03/04/86	02:00	Cm	3624 *	1.23	0		0	N
0	03/04/86	01:53	Cm	3773 *	1.21	0		0	N
0	03/04/86	02:02	Cm	4128	1.24	0		0	N
0	03/04/86	01:59	Cm	3999 *	1.26	0		0	N
0	03/06/86	02:59	Cm	3792 *	1.22	0		0	

## WATS II SEA TURTLE SURVEY DATA FORMS

TAMAR PROJECT: BRAZIL 1986 and 1987

Beach: Trindade

18 September 1987 (Page No 10 of 15)

Nest	Nesting date	Time	Species	Tag number	Carapace length	Eggs	Emergence date	Hatchlings	Re-located
0	03/06/86	03:01	Cm	3763 *	1.22	0		0	
0	03/06/86	03:13	Cm	3635 *	1.12	0		0	
0	03/06/86	03:02	Cm	3730 *	1.18	0		0	
0	03/06/86	03:13	Cm	3772 *	1.09	0		0	
0	03/06/86	03:02	Cm	3760 *	1.27	0		0	
0	03/06/86	03:10	Cm	3759 *	1.07	0		0	
0	03/06/86	03:12	Cm	3727 *	1.17	0		0	
0	03/06/86	03:08	Cm	3788 *	1.22	0		0	
0	03/06/86	03:06	Cm	3756 *	1.21	0		0	N
0	03/06/86	03:05	Cm	3711 *	1.26	0		0	
0	03/06/86	03:32	Cm	3771 *	1.21	0		0	N
0	03/06/86	03:26	Cm	3783 *	1.16	0		0	N
0	03/06/86	03:37	Cm	4126	1.17	0		0	N
0	03/06/86	03:21	Cm	3737 *	1.18	0		0	N
0	03/06/86	03:28	Cm	3604 *	1.08	0		0	N
0	03/06/86	03:25	Cm	3778 *	1.15	0		0	N
0	03/08/86	21:51	Cm	3940 *	1.16	0		0	
0	03/08/86	21:47	Cm	3786 *	1.14	0		0	
0	03/08/86	21:49	Cm	3989 *	1.09	0		0	
0	03/08/86	21:53	Cm	3777 *	1.16	0		0	
0	03/08/86	21:43	Cm	3791 *	1.18	0		0	
0	03/11/86	23:06	Cm	3979 *	0.00	0		0	
0	03/11/86	23:04	Cm	3986	1.15	0		0	
0	03/11/86	22:57	Cm	3942 *	1.15	0		0	
0	03/11/86	22:48	Cm	4107 *	1.13	0		0	
0	03/11/86	22:43	Cm	3634 *	1.17	0		0	N
0	03/11/86	23:08	Cm	3660 *	1.05	0		0	
0	03/11/86	23:43	Cm	3679 *	1.26	0		0	N
0	03/11/86	23:42	Cm	3694 *	1.19	0		0	N
0	03/11/86	23:45	Cm	3678 *	1.30	0		0	N
0	03/11/86	23:29	Cm	3902 *	1.23	0		0	N
0	03/11/86	23:26	Cm	3925 *	1.12	0		0	N
0	03/11/86	23:19	Cm	3944 *	1.17	0		0	N
0	03/11/86	23:41	Cm	4126 *	1.17	0		0	N
0	03/12/86	23:02	Cm	3978 *	1.22	0		0	
0	03/12/86	23:06	Cm	3672 *	1.14	0		0	
0	03/12/86	23:08	Cm	3768 *	1.04	0		0	
0	03/12/86	22:56	Cm	3959	1.09	0		0	
0	03/12/86	23:03	Cm	3805 *	1.05	0		0	
0	03/12/86	22:50	Cm	3706 *	1.20	0		0	
0	03/12/86	23:39	Cm	3957	1.15	0		0	
0	03/12/86	23:18	Cm	4127	1.21	0		0	N
0	03/12/86	21:18	Cm	4127	1.21	0		0	N
0	03/12/86	23:24	Cm	3710 *	1.18	0		0	N
0	03/12/86	23:32	Cm	3984	1.16	0		0	N
0	03/13/86	23:19	Cm	3984 *	1.16	0		0	
0	03/13/86	23:36	Cm	3821	1.09	0		0	
0	03/13/86	23:04	Cm	3820	1.13	0		0	
0	03/13/86	22:36	Cm	3900 *	1.18	0		0	

## WATS II SEA TURTLE SURVEY DATA FORMS

TAMAR PROJECT: BRAZIL 1986 and 1987

Beach: Trindade

18 September 1987 (Page No 11 of 15)

Nest	Nesting date	Time	Species	Tag number	Carapace length	Eggs	Emergence date	Hatchlings	Re-located
0	03/13/86	23:16	Cm	3976 *	1.11	0		0	
0	03/13/86	21:18	Cm	3818	1.17	0		0	N
0	03/13/86	21:23	Cm	3819	1.13	0		0	N
0	03/13/86	21:30	Cm	3816 *	1.11	0		0	N
0	03/13/86	21:34	Cm	3813 *	1.05	0		0	N
0	03/13/86	21:40	Cm	3650 *	1.13	0		0	N
0	03/13/86	21:36	Cm	3814 *	1.10	0		0	N
0	03/14/86	22:49	Cm	3699 *	1.11	0		0	
0	03/14/86	01:49	Cm	3839	1.16	0		0	
0	03/14/86	01:46	Cm	3976 *	1.11	0		0	
0	03/14/86	22:48	Cm	3748 *	1.11	0		0	
0	03/14/86	22:42	Cm	3826	1.02	0		0	
0	03/14/86	22:00	Cm	3822	1.16	0		0	
0	03/14/86	22:29	Cm	3823	1.19	0		0	
0	03/14/86	22:46	Cm	3827	1.10	0		0	
0	03/14/86	22:35	Cm	3825	1.23	0		0	
0	03/14/86	22:34	Cm	3824 *	1.23	0		0	
0	03/14/86	22:37	Cm	4105 *	1.23	0		0	
0	03/14/86	22:27	Cm	3788 *	1.22	0		0	
0	03/14/86	22:22	Cm	3962 *	1.11	0		0	
0	03/14/86	22:20	Cm	3981 *	1.14	0		0	
0	03/14/86	22:11	Cm	3612 *	1.14	130		0	
0	03/14/86	23:02	Cm	3828	1.14	0		0	N
0	03/14/86	23:09	Cm	3605 *	1.16	0		0	N
0	03/14/86	23:05	Cm	3606 *	1.23	0		0	N
0	03/14/86	23:23	Cm	3829	1.15	0		0	N
0	03/14/86	23:19	Cm	3985 *	1.13	0		0	N
0	03/14/86	23:17	Cm	3737 *	1.18	0		0	N
0	03/14/86	00:17	Cm	3834	1.14	0		0	N
0	03/14/86	00:10	Cm	3833	1.23	0		0	N
0	03/14/86	00:59	Cm	3984 *	1.16	0		0	N
0	03/14/86	23:36	Cm	3831	1.18	0		0	N
0	03/14/86	23:34	Cm	3830	1.13	0		0	N
0	03/14/86	00:15	Cm	3738 *	1.20	0		0	N
0	03/14/86	00:22	Cm	3607 *	1.18	0		0	N
0	03/14/86	00:25	Cm	3835	1.17	0		0	N
0	03/14/86	00:38	Cm	3836	1.17	0		0	N
0	03/14/86	00:30	Cm	3982 *	1.24	0		0	N
0	03/14/86	00:34	Cm	3837	1.18	0		0	N
0	03/14/86	00:05	Cm	3832	1.23	0		0	N
0	03/14/86	01:05	Cm	3952 *	1.06	0		0	N
0	03/14/86	00:41	Cm	3824	1.23	0		0	N
0	03/14/86	01:02	Cm	3838	1.18	0		0	N
0	03/15/86	21:31	Cm	3620 *	1.14	0		0	
0	03/15/86	21:21	Cm	3788 *	1.22	0		0	
0	03/15/86	21:33	Cm	3676 *	1.26	0		0	N
0	03/15/86	21:26	Cm	3951	1.12	0		0	
0	03/15/86		Cm	3825 *	1.18	0		0	
0	03/15/86	21:39	Cm	3955	1.08	0		0	

## WATS II SEA TURTLE SURVEY DATA FORMS

TAMAR PROJECT: BRAZIL 1986 and 1987

Beach: Trindade

18 September 1987 (Page No 12 of 15)

Nest	Nesting date	Time	Species	Tag number	Carapace length	Eggs	Emergence date	Hatchlings	Re-located
0	03/15/86	21:37	Cm	3748 *	1.11	0		0	
0	03/15/86	21:35	Cm	3746 *	1.03	0		0	
0	03/15/86	22:59	Cm	3677 *	1.19	0		0	
0	03/15/86	21:29	Cm	3624 *	1.23	0		0	
0	03/15/86	22:57	Cm	3995 *	1.17	0		0	
0	03/15/86	21:51	Cm	3640 *	1.21	0		0	
0	03/15/86	21:52	Cm	3799 *	1.12	0		0	
0	03/15/86	23:00	Cm	3821 *	1.09	0		0	
0	03/15/86	22:01	Cm	3956	1.14	0		0	
0	03/15/86	22:58	Cm	3999 *	1.26	0		0	
0	03/15/86	00:01	Cm	3827 *	1.10	0		0	
0	03/15/86	22:24	Cm	3953	1.10	0		0	
0	03/15/86	22:26	Cm	3958	1.15	0		0	
0	03/15/86	22:27	Cm	3808 *	1.17	0		0	
0	03/15/86	23:30	Cm	3983	1.17	0		0	
0	03/15/86	22:33	Cm	4119	1.10	0		0	
0	03/15/86	22:11	Cm	3984 *	1.16	0		0	
0	03/16/86	23:04	Cm	3951 *	1.12	0		0	
0	03/16/86	22:57	Cm	4123	1.10	0		0	
0	03/16/86	23:15	Cm	3688 *	1.00	0		0	
0	03/16/86	22:50	Cm	3807 *	1.18	0		0	
0	03/16/86	23:12	Cm	3748 *	1.11	0		0	
0	03/16/86	23:05	Cm	3763 *	1.22	0		0	
0	03/16/86	23:37	Cm	3793 *	1.15	0		0	
0	03/16/86	23:35	Cm	4134	1.16	0		0	
0	03/16/86	23:27	Cm	4124 *	1.16	0		0	
0	03/16/86	23:24	Cm	3640 *	1.21	0		0	
0	03/16/86	23:32	Cm	4125	1.19	0		0	
0	03/17/86	23:53	Cm	3760 *	1.27	0		0	
0	03/17/86	22:54	Cm	3712 *	1.23	0		0	
0	03/17/86	22:57	Cm	3955 *	1.08	0		0	
0	03/17/86	23:01	Cm	3726 *	1.07	0		0	
0	03/18/86	01:02	Cm	3778 *	1.15	0		0	
0	03/18/86	22:00	Cm	3711 *	1.26	0		0	
0	03/18/86	21:58	Cm	3841	1.11	0		0	
0	03/18/86	21:56	Cm	3975 *	1.11	0		0	
0	03/18/86	21:51	Cm	3840	1.13	0		0	
0	03/18/86	21:54	Cm	3756 *	1.21	0		0	
0	03/18/86	21:52	Cm	3781 *	1.18	0		0	
0	03/18/86	01:09	Cm	3791 *	1.18	0		0	
0	03/18/86	00:31	Cm	3742 *	1.15	0		0	
0	03/18/86	00:29	Cm	3852	1.16	0		0	
0	03/18/86	22:36	Cm	3843	1.24	0		0	
0	03/18/86	22:33	Cm	3842	1.12	0		0	
0	03/18/86	22:29	Cm	3913 *	1.29	0		0	
0	03/18/86	22:23	Cm	3759 *	1.07	0		0	
0	03/18/86	22:31	Cm	3820 *	1.13	0		0	
0	03/18/86	23:52	Cm	3920 *	1.14	0		0	
0	03/18/86	23:41	Cm	3847	1.10	0		0	

## WATS II SEA TURTLE SURVEY DATA FORMS

TAMAR PROJECT: BRAZIL 1986 and 1987

Beach: Trindade

18 September 1987 (Page No 13 of 15)

Nest	Nesting date	Time	Species	Tag number	Carapace length	Eggs	Emergence date	Hatchlings	Re-located
0	03/18/86	23:45	Cm	3848	1.20	0		0	N
0	03/18/86	23:50	Cm	3849	1.20	0		0	N
0	03/18/86	23:51	Cm	3850	1.13	0		0	N
0	03/18/86	00:20	Cm	3851	1.10	0		0	N
0	03/18/86	22:53	Cm	3751	1.14	0		0	N
0	03/18/86	22:38	Cm	3844	1.14	0		0	N
0	03/18/86	23:17	Cm	3845	1.13	0		0	N
0	03/18/86	23:21	Cm	3846	1.19	0		0	N
0	03/18/86	23:26	Cm	3766	1.14	0		0	N
0	03/18/86	23:14	Cm	3919	1.04	0		0	N
0	03/19/86	22:42	Cm	3791	1.18	0		0	
0	03/19/86	23:58	Cm	4121	1.14	0		0	N
0	03/19/86	23:01	Cm	4132	1.25	0		0	N
0	03/19/86	23:14	Cm	3850	1.13	0		0	N
0	03/19/86	23:16	Cm	3841	1.11	0		0	N
0	03/19/86	23:35	Cm	3673	1.20	0		0	N
0	03/19/86	23:32	Cm	4135	1.23	0		0	N
0	03/19/86	23:30	Cm	3766	1.14	0		0	N
0	03/19/86	23:26	Cm	3756	1.21	0		0	N
0	03/20/86	21:49	Cm	3626	1.10	0		0	N
0	03/20/86	21:54	Cm	3697	1.22	0		0	
0	03/20/86	21:57	Cm	3786	1.14	0		0	
0	03/20/86	22:07	Cm	3853	1.12	0		0	N
0	03/20/86	22:08	Cm	3670	1.23	0		0	N
0	03/20/86	22:10	Cm	3674	1.20	0		0	N
0	03/20/86	22:17	Cm	3802	1.14	0		0	N
0	03/20/86	22:19	Cm	3629	1.11	0		0	N
0	03/20/86	22:11	Cm	4115	1.14	0		0	N
0	03/20/86	22:18	Cm	3943	1.13	0		0	N
0	03/22/86	23:46	Cm	3776	1.18	0		0	
0	03/22/86	23:43	Cm	3855	1.20	0		0	
0	03/22/86	23:30	Cm	3854	1.16	0		0	
0	03/22/86	23:35	Cm	3785	1.22	0		0	
0	03/22/86	23:45	Cm	3856	1.20	0		0	
0	03/22/86	00:23	Cm	3942	1.15	0		0	N
0	03/22/86	23:44	Cm	4137	1.13	0		0	N
0	03/24/86	22:53	Cm	3739	0.00	0		0	
0	03/24/86	22:58	Cm	3903	1.22	0		0	
0	03/24/86	23:00	Cm	3824	1.23	0		0	
0	03/24/86	01:25	Cm	3857	1.17	0		0	N
0	03/24/86	01:31	Cm	3858	1.13	0		0	N
0	03/24/86	01:32	Cm	3816	1.11	0		0	N
0	03/24/86	01:37	Cm	3650	1.13	0		0	N
0	03/24/86	01:44	Cm	3859	1.12	0		0	N
0	03/24/86	01:50	Cm	3860	1.14	0		0	N
0	03/24/86	23:16	Cm	4138	1.14	0		0	N
0	03/24/86	01:36	Cm	3662	1.20	0		0	N
0	03/24/86	05:33	Cm	3993	1.13	0		0	N
0	03/24/86	05:30	Cm	3710	1.18	0		0	N

## WATS II SEA TURTLE SURVEY DATA FORMS

TAMAR PROJECT: BRAZIL 1986 and 1987

Beach: Trindade

18 September 1987 (Page No 14 of 15)

Nest	Nesting date	Time	Species	Tag number	Carapace length	Eggs	Emergence date	Hatchlings	Re-located
0	03/26/86	23:07	Cm	3622 *	1.16	0		0	
0	03/26/86	23:10	Cm	3788 *	1.22	0		0	
0	03/26/86	23:15	Cm	3930 *	1.04	0		0	
0	03/26/86	00:22	Cm	3944 *	1.17	0		0	
0	03/26/86	23:36	Cm	3733 *	1.22	0		0	
0	03/26/86	23:38	Cm	3829 *	1.15	0		0	
0	03/26/86	23:40	Cm	3901 *	1.11	0		0	
0	03/26/86	23:33	Cm	3833 *	1.23	0		0	
0	03/26/86	23:33	Cm	3701 *	1.10	0		0	
0	03/26/86	23:25	Cm	3606 *	1.23	0		0	
0	03/26/86	00:25	Cm	3826 *	1.02	0		0	N
0	03/26/86	00:19	Cm	3667 *	1.20	0		0	N
0	03/26/86	00:25	Cm	4116	1.13	0		0	N
0	03/26/86	00:26	Cm	3964 *	1.11	0		0	N
0	03/27/86	22:10	Cm	3981 *	1.14	0		0	
0	03/27/86	22:00	Cm	3612 *	1.14	0		0	N
0	03/27/86	22:23	Cm	3826 *	1.02	0		0	
0	03/27/86	22:20	Cm	3948 *	1.17	0		0	
0	03/27/86	22:15	Cm	3748 *	1.11	0		0	
0	03/27/86		Cm	3640 *	1.21	0		0	
0	03/27/86	22:32	Cm	3825 *	1.23	0		0	
0	03/27/86	22:23	Cm	3861	1.18	0		0	
0	03/27/86	22:48	Cm	3827 *	1.10	0		0	N
0	03/27/86	22:43	Cm	3821 *	1.09	0		0	N
0	03/27/86	22:49	Cm	3984 *	1.16	0		0	N
0	03/27/86	22:51	Cm	3793 *	1.15	0		0	N
0	03/29/86	00:05	Cm	3687 *	1.08	0		0	
0	03/29/86	00:04	Cm	4124 *	1.16	0		0	
0	03/29/86	23:40	Cm	3951 *	1.12	0		0	
0	03/29/86	23:38	Cm	3791 *	1.18	0		0	N
0	03/29/86	00:43	Cm	3976 *	1.11	0		0	
0	03/29/86	22:50	Cm	3863	1.24	0		0	
0	03/29/86	22:47	Cm	3751 *	1.14	0		0	
0	03/29/86	22:24	Cm	3840 *	1.13	0		0	
0	03/29/86	23:24	Cm	3807 *	1.18	0		0	
0	03/29/86	00:48	Cm	3862	1.19	0		0	N
0	03/29/86	00:58	Cm	3775 *	1.12	0		0	N
0	03/29/86	23:36	Cm	3602 *	1.16	0		0	N
0	03/29/86	23:56	Cm	4136	1.18	0		0	N
0	03/29/86	00:02	Cm	3641 *	1.21	0		0	N
0	03/30/86	22:32	Cm	3763 *	1.22	0		0	
0	03/30/86	22:51	Cm	3742 *	1.15	0		0	
0	03/30/86	23:00	Cm	3821 *	1.09	0		0	N
0	03/30/86	23:03	Cm	4115 *	1.14	0		0	N
0	03/30/86	23:04	Cm	3799 *	1.12	0		0	N
0	03/30/86	23:15	Cm	3842 *	1.12	0		0	N
0	03/30/86	23:09	Cm	3913 *	1.29	0		0	N
0	03/30/86	23:18	Cm	3775 *	1.12	0		0	N
0	03/30/86	23:30	Cm	3848 *	1.20	0		0	N

## WATS II SEA TURTLE SURVEY DATA FORMS

TAMAR PROJECT: BRAZIL 1986 and 1987

Beach: Trindade

18 September 1987 (Page No 15 of 15)

Nest	Nesting date	Time	Species	Tag number	Carapace length	Eggs	Emergence date	Hatchlings	Re-located
0	03/30/86	23:37	Cm	3845 *	1.13	0		0	N
0	03/30/86	23:18	Cm	3850 *	1.13	0		0	N
0	04/05/86	00:22	Cm	3856 *	1.20	0		0	
0	04/06/86	23:45	Cm	3710 *	1.18	0		0	
0	04/06/86	23:43	Cm	3718 *	1.21	0		0	
0	04/06/86	23:46	Cm	3822 *	1.16	0		0	
0	04/06/86	22:57	Cm	3857 *	1.17	0		0	N
0	04/06/86	23:06	Cm	4139	1.10	0		0	N
0	04/06/86	23:03	Cm	4113	1.13	0		0	N
0	04/10/86	22:08	Cm	4109	1.14	0		0	
0	04/10/86	23:03	Cm	4110	1.23	0		0	N
0	04/10/86	22:24	Cm	3943 *	1.13	0		0	N
0	04/10/86	22:17	Cm	3701 *	1.10	0		0	N
0	04/10/86	23:06	Cm	3667 *	1.20	0		0	N
0	04/10/86	22:19	Cm	3862 *	1.19	0		0	N
0	04/11/86	22:23	Cm	3722 *	1.14	0		0	
0	04/11/86	22:23	Cm	3622 *	1.15	0		0	N
0	04/11/86	22:25	Cm	3712 *	1.23	0		0	N
0	04/11/86	22:42	Cm	3845 *	1.13	0		0	N
0	04/11/86	23:21	Cm	4115 *	1.14	0		0	N
0	04/11/86	22:59	Cm	3843 *	1.24	0		0	N
0	04/11/86	22:48	Cm	3849 *	1.20	0		0	N
0	04/11/86	00:28	Cm	3602 *	1.16	0		0	N
0	04/11/86	00:26	Cm	3864	1.09	0		0	N
0	04/11/86	00:17	Cm	3839 *	1.16	0		0	N
0	04/11/86	00:29	Cm	3688 *	1.00	0		0	N
0	04/12/86	23:25	Cm	3951 *	1.12	0		0	N
0	04/12/86	23:24	Cm	3722 *	1.14	0		0	
0	04/12/86	23:20	Cm	3935 *	1.24	0		0	N
0	04/12/86	23:03	Cm	3915 *	1.19	0		0	N
0	04/12/86	23:19	Cm	4111	1.19	0		0	N
0	04/12/86	23:34	Cm	4133	1.09	0		0	N
0	04/12/86	23:46	Cm	3803 *	1.21	0		0	N
0	04/13/86	23:21	Cm	3667 *	1.20	0		0	N
0	04/13/86	23:20	Cm	3647 *	1.13	0		0	N
0	04/13/86	23:17	Cm	3865	1.10	0		0	N
<b>TOTAL</b>						6,890		4,885	

## WATS II SEA TURTLE SURVEY DATA FORM

### **TABLE III. NESTING BEACH INVENTORY**

List beaches in geographic sequence. Provide additional information on an attached page. Please list each species that occurs on beach on a separate line even if months of occurrence are the same.

COUNTRY: Brasil	STATE: Bahia	RECORDER:		
Name of Beach	Length in Km	Species * Nesting	Months Peak Nesting	Months Recorded Nesting
Praia do Forte and vicinities	55	Cc	November & December	August through March
Praia do Forte and vicinities	55	Cm	---	February & March
Praia do Forte and vicinities	55	Ei	January & February	November through March
Praia do Forte and vicinities	55	Lo	---	November & December
Santa Maria (Interlagos)	05	Cc	October & November	August through January
Santa Maria (Interlagos)	05	Ei	January and February	November through February
Santa Maria (Interlagos)	05	Lo	---	January

\* Cc=*Caretta caretta*; Cm=*Chelonia mydas*; Dc=*Dermochelys coriacea*; Ei=*Eretmochelys imbricata*; Lk=*Lepidochelys kempi*; Lo=*Lepidochelys olivacea*; Uk=Unknown

## WATS II SEA TURTLE SURVEY DATA FORMS

TAMAR PROJECT: BRAZIL 1986 and 1987

Beach: Praia do Forte

02 October 1987

(Page No 1 of 7)

Nest	Nesting date	Time	Species	Tag number	Carapace length	Eggs	Emergence date	Hatchlings	Re-located
1	07/26/86		Cc	0	0.00	100	09/27/86	57	Y
0	08/13/86		Uk	0	0.00	0		0	
0	08/13/86		Uk	0	0.00	0		0	
2	08/12/86		Cc	0	0.00	162	10/11/86	120	Y
3	09/11/86		Cc	0	0.00	122	11/07/86	92	Y
4	09/19/86		Cc	0	0.00	131	11/14/86	105	Y
5	09/26/86		Cc	0	0.00	136	11/21/86	115	Y
6	09/29/86		Cc	0	0.00	148	11/25/86	124	Y
8	09/29/86		Cc	0	0.00	122	11/27/86	44	Y
7	09/30/86		Cc	0	0.00	152	11/25/86	124	Y
9	10/01/86		Cc	0	0.00	138	11/21/86	101	Y
11	10/02/86		Cc	0	0.00	125	12/01/86	71	Y
10	10/03/86		Cc	0	0.00	139	12/01/86	64	Y
0	10/15/86		Uk	0	0.00	0		0	
12	10/05/86		Cc	0	0.00	94	12/01/86	45	Y
13	10/05/86		Cc	0	0.00	76	12/04/86	56	Y
14	10/06/86		Cc	0	0.00	143	12/04/86	48	Y
15	10/06/86	00:04	Cc	0	0.00	135	12/04/86	99	Y
16	10/07/86		Cc	0	0.00	145	12/04/86	123	Y
17	10/08/86		Cc	0	0.00	126	12/06/86	103	Y
18	10/08/86		Cc	0	0.00	51	12/11/86	22	Y
19	10/10/86		Cc	0	0.00	82	12/11/86	16	Y
20	10/10/86		Cc	0	0.00	137	12/11/86	94	Y
21	10/10/86		Cc	0	0.00	130	12/11/86	116	Y
0	11/06/86	01:00	Cc	199	0.00	0		0	
22	10/13/86		Cc	0	0.00	110	12/08/86	103	Y
23	10/13/86		Cc	0	0.00	154	12/07/86	124	Y
0	11/06/86		Uk	0	0.00	0		0	Y
0	11/06/86		Uk	0	0.00	0		0	
25	10/14/86		Cc	0	0.00	115	12/09/86	2	Y
24	10/15/86		Cc	0	0.00	142	12/07/86	97	Y
26	10/17/86		Cc	0	0.00	102	12/13/86	51	Y
27	10/17/86		Cc	0	0.00	104	12/13/86	91	Y
28	10/17/86		Cc	0	0.00	161	12/16/86	26	Y
29	10/17/86		Cc	0	0.00	135	12/14/86	105	Y
0	11/16/86	22:50	Uk	0	0.00	0		0	
0	11/16/86	02:00	Uk	0	0.00	0		0	
30	10/19/86		Cc	0	0.00	96	12/14/86	82	Y
0	11/18/86	22:00	Cc	0	0.00	114	01/08/87	109	N
31	10/19/86		Cc	0	0.00	135	12/13/86	85	Y
32	10/19/86		Cc	0	0.00	155	12/13/86	111	Y
0	11/20/86	00:01	Cc	4549	0.98	0		0	
0	11/20/86	23:30	Cc	4550	1.02	0		0	
0	11/20/86	22:30	Uk	0	0.00	0		0	
33	10/19/86		Cc	0	0.00	122	12/13/86	81	Y
34	10/20/86		Cc	0	0.00	149	12/16/86	111	Y
0	11/23/86	00:01	Uk	0	0.00	0		0	
35	10/20/86		Cc	0	0.00	146		0	Y
0	11/24/86	02:00	Cc	4546	1.07	0		0	

## WATS II SEA TURTLE SURVEY DATA FORMS

TAMAR PROJECT: BRAZIL 1986 and 1987

Beach: Praia do Forte

02 October 1987 (Page No 2 of 7)

Nest	Nesting date	Time	Species	Tag number	Carapace length	Eggs	Emergence date	Hatchlings	Re-located
36	10/20/86		Cc	0	0.00	171	12/17/86	9	Y
0	11/25/86		Cc	0	0.00	134	01/16/87	11	N
37	10/20/86		Cc	0	0.00	138	12/17/86	18	Y
38	10/21/86		Cc	0	0.00	147	12/17/86	40	Y
39	10/21/86	19:00	Cc	0	0.00	151	12/17/86	60	Y
40	10/22/86		Cc	0	0.00	144	12/20/86	106	Y
0	12/01/86	22:00	Cc	4536	1.04	115	01/19/87	76	N
0	12/01/86	01:00	Cc	4534	1.03	132	01/18/87	120	N
41	10/22/86		Cc	0	0.00	121	12/20/86	60	Y
0	12/03/86	03:30	Cc	0	0.00	101	01/22/87	86	N
0	12/03/86	03:50	Uk	0	0.00	0		0	
42	10/22/86		Cc	0	0.00	136	12/20/86	97	Y
0	12/04/86	21:00	Cc	4502	0.99	0		0	
0	12/04/86	22:00	Uk	0	0.00	0		0	
0	12/04/86	01:30	Uk	0	0.00	0		0	
43	10/23/86		Cc	0	0.00	83	12/22/86	34	Y
44	10/24/86	04:30	Cc	0	0.00	146	12/19/86	122	Y
0	12/07/86	23:00	Cc	4503	0.95	0		0	
45	10/24/86	03:00	Cc	0	0.00	97	12/20/86	74	Y
46	10/24/86		Cc	0	0.00	154	12/19/86	82	Y
0	12/09/86	03:30	Cc	0	0.00	129	01/30/87	87	N
47	10/24/86		Cc	0	0.00	129	12/18/86	77	Y
48	10/26/86		Cc	0	0.00	113	12/22/86	59	Y
0	12/13/86	02:00	Uk	0	0.00	0		0	
0	12/14/86	02:00	Uk	0	0.00	0		0	
49	10/27/86		Cc	0	0.00	130	12/22/86	59	Y
0	12/15/86	03:23	Uk	0	0.00	0		0	
0	12/15/86	02:00	Uk	0	0.00	0		0	
0	12/15/86	03:15	Uk	0	0.00	0		0	
50	10/27/86		Cc	0	0.00	119	12/20/86	74	Y
0	12/15/86	00:50	Cc	4536	1.03	0		0	
51	10/28/86		Cc	0	0.00	146	12/22/86	99	Y
0	12/18/86	01:05	Cc	4526	1.00	114	02/06/87	77	N
0	12/19/86		Cc	0	0.00	132	02/06/87	96	N
52	10/29/86	22:05	Cc	4542	1.07	151	12/24/86	92	Y
53	10/30/86		Cc	0	0.00	142	12/24/86	75	Y
0	12/23/86	23:50	Uk	0	0.00	0		0	
54	10/31/86		Cc	0	0.00	170	12/27/86	63	Y
55	10/31/86		Cc	0	0.00	108	12/26/86	72	Y
56	10/31/86		Cc	0	0.00	134		2	Y
57	10/31/86		Cc	0	0.00	120	12/25/86	81	Y
58	11/01/86		Cc	0	0.00	139	12/25/86	69	Y
59	11/01/86		Cc	0	0.00	134	12/25/86	111	Y
60	11/02/86		Cc	0	0.00	119	12/30/86	7	Y
61	11/02/86		Cc	0	0.00	115	12/30/86	65	Y
62	11/02/86		Cc	0	0.00	133	12/29/86	126	Y
0	01/03/87	01:00	Cc	4526	1.00	113	02/22/87	61	N
63	11/02/86		Cc	0	0.00	123	12/30/86	65	Y
0	01/04/87	23:30	Cc	4536	1.04	0		0	

## WATS II SEA TURTLE SURVEY DATA FORMS

TAMAR PROJECT: BRAZIL 1986 and 1987

Beach: Praia do Forte

02 October 1987 (Page No 3 of 7)

Nest	Nesting date	Time	Species	Tag number	Carapace length	Eggs	Emergence date	Hatchlings	Re-located
64	11/03/86		Cc	0	0.00	104	12/31/86	53	Y
0	01/06/87	23:00	Ei	0	0.00	108	03/07/87	15	N
65	11/04/86		Cc	0	0.00	137	12/28/86	81	Y
66	11/04/86		Cc	0	0.00	114	12/28/86	76	Y
67	11/04/86		Cc	0	0.00	162	12/29/86	88	Y
68	11/04/86		Cc	0	0.00	143	12/29/86	69	Y
69	11/05/86		Cc	0	0.00	134	12/29/86	23	Y
70	11/05/86		Cc	0	0.00	115	12/29/86	52	Y
71	11/05/86		Cc	0	0.00	123	01/01/87	95	Y
72	11/07/86	01:45	Cc	4544	1.08	134	12/31/86	76	Y
73	11/07/86		Cc	0	0.00	155	12/31/86	91	Y
0	01/19/87		Uk	0	0.00	0		0	N
0	01/20/87	02:30	Cc	0	0.00	160	03/07/87	79	N
74	11/08/86		Cc	0	0.00	104	01/02/87	46	Y
75	11/08/86		Cc	0	0.00	93	01/01/87	71	Y
76	11/08/86		Cc	0	0.00	135	01/01/87	131	Y
77	11/08/86		Cc	0	0.00	175	01/01/87	87	Y
78	11/09/86		Cc	0	0.00	119	01/01/87	50	Y
79	11/09/86		Cc	0	0.00	110	01/01/87	26	Y
80	11/10/86		Cc	0	0.00	121	01/01/87	70	Y
81	11/10/86		Cc	0	0.00	113	01/01/87	83	Y
82	11/10/86		Cc	0	0.00	89	01/02/87	74	Y
83	11/11/86		Cc	0	0.00	163	01/06/87	150	Y
0	02/02/87		Uk	0	0.00	0		0	
84	11/11/86		Cc	0	0.00	137	01/07/87	104	Y
85	11/11/86		Cc	0	0.00	134	01/05/87	85	Y
86	11/11/86		Lo	0	0.00	53	01/06/87	47	Y
87	11/12/86		Cc	0	0.00	144	01/06/87	97	Y
88	11/12/86		Cc	0	0.00	133	01/06/87	125	Y
89	11/12/86		Cc	0	0.00	143	01/06/87	59	Y
90	11/12/86		Ei	0	0.00	138	01/09/87	90	Y
36	01/06/87		Ei	0	0.00	114	02/23/87	49	Y
0	02/11/87	03:00	Cc	0	0.00	95	04/04/87	3	N
91	11/15/86		Cc	0	0.00	112	01/06/87	81	Y
92	11/16/86		Cc	0	0.00	131	01/09/87	107	Y
93	11/16/86		Cc	0	0.00	98	01/08/87	65	Y
94	11/16/86		Cc	0	0.00	112	01/08/87	87	Y
95	11/17/86	03:00	Cc	0	0.00	112	01/09/87	73	Y
96	11/18/86		Cc	0	0.00	145	01/08/87	71	Y
97	11/18/86		Cc	0	0.00	145	01/11/87	75	Y
98	11/18/86		Cc	0	0.00	145	01/08/87	71	Y
99	11/19/86	22:30	Cc	0	0.00	139	01/10/87	79	Y
100	11/19/86	01:37	Cc	4545	1.02	123	01/10/87	101	Y
101	11/19/86		Cc	0	0.00	90	01/10/87	39	Y
102	11/20/86		Cc	0	0.00	138	01/10/87	71	Y
103	11/20/86		Cc	0	0.00	121	01/10/87	94	Y
104	11/20/86		Cc	0	0.00	100	01/12/87	62	Y
105	11/21/86	00:24	Cc	0	0.00	172	01/12/87	109	Y
106	11/21/86		Lo	0	0.00	67	01/12/87	56	Y

## WATS II SEA TURTLE SURVEY DATA FORMS

TAMAR PROJECT: BRAZIL 1986 and 1987

Beach: Praia do Forte

02 October 1987

(Page No 4 of 7)

Nest	Nesting date	Time	Species	Tag number	Carapace length	Eggs	Emergence date	Hatchlings	Re-located
107	11/22/86		Cc	0	0.00	96	01/12/87	78	Y
108	11/22/86	00:52	Cc	4544	1.07	155	01/11/87	138	Y
109	11/23/86	21:05	Cc	4540	1.02	97	01/16/87	61	Y
110	11/23/86		Cc	0	0.00	103	01/13/87	77	Y
111	11/23/86		Cc	4548	1.02	137	01/13/87	125	Y
112	11/23/86		Cc	0	0.00	173	01/16/87	76	Y
113	11/24/86	21:30	Cc	4541	1.04	140	01/12/87	97	Y
114	11/24/86		Cc	0	0.00	144	01/16/87	50	Y
115	11/24/86		Cc	0	0.00	114	01/17/87	103	Y
116	11/25/86		Cc	0	0.00	114	01/18/87	104	Y
0	03/21/87		Uk	0	0.00	0		0	
117	11/26/86	01:00	Cc	4532	1.07	136	01/16/87	100	Y
118	11/26/86		Cc	0	0.00	137	01/18/87	137	Y
119	11/26/86		Cc	0	0.00	133	01/18/87	115	Y
120	11/27/86		Cc	0	0.00	166	01/16/87	110	Y
121	11/27/86		Cc	0	0.00	94	01/16/87	84	Y
122	11/28/86		Cc	0	0.00	109	01/20/87	39	Y
123	11/28/86		Uk	0	0.00	153		0	N
124	11/29/86		Cc	0	0.00	104	01/16/87	72	Y
125	11/29/86		Cc	0	0.00	154	01/17/87	75	Y
126	11/29/86		Cc	0	0.00	140	01/18/87	95	Y
127	11/30/86		Ei	0	0.00	92	01/16/87	77	Y
0	04/06/87		Uk	0	0.00	0		0	Y
129	11/29/86		Cc	0	0.00	125	01/18/87	77	Y
128	11/30/86		Cc	0	0.00	146	01/18/87	113	Y
130	11/29/86		Cc	0	0.00	42	01/20/87	14	Y
131	12/01/86		Cc	0	0.00	92	01/20/87	78	Y
132	12/01/86		Cc	0	0.00	124	01/23/87	93	Y
133	12/03/86		Cc	0	0.00	82	01/23/87	45	Y
134	12/03/86		Cc	0	0.00	125	01/24/87	81	Y
135	12/03/86		Cc	0	0.00	144	01/24/87	78	Y
136	12/04/86	01:50	Cc	0	0.00	109	01/25/87	72	Y
137	12/04/86	02:15	Cc	4502	0.99	119	01/23/87	96	Y
0	04/20/87	23:30	Uk	0	0.00	0		0	N
138	12/04/86		Cc	0	0.00	126	01/23/87	108	Y
139	12/04/86		Cc	0	0.00	113	01/24/87	72	Y
140	12/04/86		Cc	0	0.00	148	01/23/87	90	Y
141	12/05/86		Ei	0	0.00	132	01/31/87	0	Y
142	12/07/86	00:38	Cc	4504	0.95	128	01/24/87	83	Y
143	12/07/86		Cc	0	0.00	111	01/27/87	72	Y
144	12/08/86		Cc	0	0.00	58	01/27/87	36	Y
145	12/08/86		Lo	0	0.00	79	01/27/87	59	Y
146	12/08/86		Cc	0	0.00	52	01/27/87	15	Y
147	12/09/86		Cc	0	0.00	117	01/28/87	99	Y
148	12/10/86		Cc	0	0.00	175	01/30/87	19	Y
149	12/11/86		Ei	0	0.00	108	01/30/87	32	Y
150	12/11/86		Uk	0	0.00	131		0	Y
151	12/12/86		Cc	0	0.00	132	01/28/87	98	Y
152	12/12/86		Cc	0	0.00	118	01/30/87	83	Y

## WATS II SEA TURTLE SURVEY DATA FORMS

TAMAR PROJECT: BRAZIL 1986 and 1987

Beach: Praia do Forte

02 October 1987

(Page No 5 of 7)

Nest	Nesting date	Time	Species	Tag number	Carapace length	Eggs	Emergence date	Hatchlings	Re-located
153	12/12/86		Cc	0	0.00	164	01/30/87	122	Y
154	12/12/86		Cc	0	0.00	144	01/30/87	103	Y
155	12/13/86		Cc	0	0.00	128	01/30/87	112	Y
156	12/13/86		Ei	0	0.00	154	02/04/87	78	Y
157	12/13/86		Cc	0	0.00	103	02/06/87	8	Y
158	12/15/86		Cc	0	0.00	144	02/02/87	109	Y
159	12/15/86	04:00	Cc	0	0.00	129	02/03/87	76	Y
160	12/15/86		Cc	0	0.00	116	02/04/87	88	Y
161	12/16/86		Uk	0	0.00	151		0	Y
162	12/17/86		Ei	0	0.00	115	02/05/87	94	Y
163	12/17/86		Cc	0	0.00	86	02/05/87	71	Y
164	12/17/86		Cc	0	0.00	130	02/05/87	114	Y
165	12/18/86		Cc	0	0.00	146	02/05/87	73	Y
166	12/19/86		Cc	0	0.00	161	02/08/87	99	Y
167	12/19/86		Cc	0	0.00	95	02/06/87	68	Y
168	12/20/86	22:55	Ei	0	0.00	77	02/12/87	47	Y
169	12/20/86	02:00	Cc	0	0.00	78	02/08/87	49	Y
170	12/20/86		Cc	0	0.00	117	02/09/87	82	Y
171	12/21/86		Uk	0	0.00	146		0	Y
172	12/21/86		Uk	0	0.00	74		0	Y
173	12/21/86		Ei	0	0.00	174	02/13/87	115	Y
174	12/23/86	01:00	Cc	0	0.00	109	02/13/87	84	Y
175	12/23/86	01:00	Cc	0	0.00	134	02/10/87	102	Y
176	12/23/86	03:00	Cc	0	0.00	103	02/10/87	94	Y
177	12/23/86		Cc	0	0.00	105	02/10/87	45	Y
178	12/23/86		Ei	0	0.00	153	02/15/87	57	Y
179	12/23/86		Cc	0	0.00	118	02/11/87	93	Y
180	12/23/86		Ei	0	0.00	146	02/11/87	127	Y
181	12/24/86		Lo	0	0.00	93	02/10/87	39	Y
182	12/24/86		Cc	0	0.00	99	02/13/87	61	Y
183	12/25/86		Cc	0	0.00	91	01/05/87	67	Y
184	12/25/86		Cc	0	0.00	184	02/12/87	47	Y
185	12/26/86		Cc	0	0.00	91	02/13/87	60	Y
186	12/26/86		Cc	0	0.00	131	02/14/87	60	Y
187	12/26/86		Cc	0	0.00	153	02/14/87	1	Y
188	12/26/86		Cc	0	0.00	146	02/16/87	81	Y
189	12/26/86		Cc	0	0.00	142	02/16/87	61	Y
190	12/27/86		Cc	0	0.00	90	02/18/87	52	Y
191	12/27/86		Cc	0	0.00	188	02/16/87	92	Y
192	12/29/86		Cc	0	0.00	127		0	Y
193	12/29/86		Cc	0	0.00	85	02/19/87	22	Y
194	12/29/86		Cc	0	0.00	143	02/19/87	129	Y
195	12/29/86		Ei	0	0.00	131	02/19/87	62	Y
196	12/31/86		Ei	0	0.00	154	02/23/87	66	Y
197	12/31/86		Cc	0	0.00	77	02/23/87	47	Y
198	12/31/86		Ei	0	0.00	147	02/25/87	124	Y
199	01/01/87		Ei	0	0.00	119	02/25/87	82	Y
200	01/04/87		Ei	0	0.00	131	03/30/87	4	Y
201	01/04/87		Ei	0	0.00	140	02/23/87	65	Y

**WATS II SEA TURTLE SURVEY DATA FORMS**  
**TAMAR PROJECT: BRAZIL 1986 and 1987**

Beach: Praia do Forte

02 October 1987 (Page No 6 of 7)

Nest	Nesting date	Time	Species	Tag number	Carapace length	Eggs	Emergence date	Hatchlings	Re-located
202	01/05/87	20:30	Cc	0	0.00	99	02/23/87	30	Y
203	01/05/87	04:00	Cc	0	0.00	152	02/20/87	75	Y
204	01/06/87	22:50	Ei	4507	1.00	137	02/24/87	87	Y
205	01/06/87		Ei	0	0.00	134	02/27/87	13	Y
206	01/06/87		Cc	0	0.00	104	02/27/87	40	Y
207	01/08/87		Cc	0	0.00	114	02/28/87	9	Y
208	01/08/87		Cc	0	0.00	171	02/27/87	112	Y
209	01/09/87		Ei	0	0.00	162	03/04/87	56	Y
210	01/09/87		Uk	0	0.00	145		0	Y
211	01/12/87		Cc	0	0.00	109	03/03/87	22	Y
212	01/13/87		Ei	0	0.00	136	03/05/87	52	Y
213	01/14/87		Cc	0	0.00	137	03/04/87	67	Y
214	01/16/87		Cc	0	0.00	148	03/09/87	77	Y
215	01/18/87		Ei	0	0.00	125	03/12/87	57	Y
216	01/18/87		Ei	0	0.00	175	03/12/87	16	Y
217	01/18/87		Ei	0	0.00	134	03/12/87	88	Y
218	01/18/87		Ei	0	0.00	125	03/08/87	78	Y
219	01/18/87		Ei	0	0.00	120	03/16/87	74	Y
220	01/18/87		Ei	0	0.00	133	03/08/87	109	Y
221	01/19/87		Cc	0	0.00	123	03/10/87	18	Y
222	01/19/87	04:00	Ei	0	0.00	131	03/09/87	70	Y
223	01/19/87		Ei	0	0.00	114	03/13/87	60	Y
224	01/19/87		Ei	0	0.00	125	03/14/87	17	Y
225	01/20/87		Cc	0	0.00	141	03/08/87	77	Y
226	01/22/87		Cc	0	0.00	147	03/13/87	20	Y
227	01/22/87		Cc	0	0.00	119	03/11/87	6	Y
228	01/23/87		Ei	0	0.00	182	03/16/87	55	Y
229	01/24/87		Ei	0	0.00	142	03/22/87	20	Y
230	01/26/87		Cc	0	0.00	150	03/13/87	101	Y
231	01/26/87		Ei	0	0.00	175	03/20/87	74	Y
232	01/26/87		Ei	0	0.00	115	03/21/87	35	Y
233	01/26/87		Cc	0	0.00	141	03/16/87	105	Y
234	01/26/87		Cc	0	0.00	138	03/15/87	46	Y
235	01/28/87		Uk	0	0.00	129		0	Y
236	02/01/87		Cc	0	0.00	107	03/24/87	13	Y
237	02/01/87		Ei	0	0.00	184	03/26/87	68	Y
238	02/01/87		Ei	0	0.00	162	03/31/87	62	Y
239	02/01/87		Ei	0	0.00	134	03/23/87	92	Y
240	02/03/87		Cc	0	0.00	104	04/01/87	71	Y
241	02/03/87		Uk	0	0.00	144		69	Y
242	02/03/87		Ei	0	0.00	144	03/24/87	49	Y
243	02/03/87		Cc	0	0.00	109	03/23/87	95	Y
244	02/03/87		Uk	0	0.00	140		33	Y
245	02/04/87		Cc	0	0.00	135	03/24/87	47	Y
246	02/04/87		Cc	0	0.00	135	03/27/87	13	Y
247	02/04/87		Ei	0	0.00	140	03/30/87	36	Y
248	02/08/87		Cc	0	0.00	154	03/27/87	38	Y
249	02/09/87		Cc	0	0.00	108	03/27/87	84	Y
250	02/09/87		Ei	0	0.00	142	03/28/87	64	Y

## WATS II SEA TURTLE SURVEY DATA FORMS

TAMAR PROJECT: BRAZIL 1986 and 1987

Beach: Praia do Forte

02 October 1987 (Page No 7 of 7)

Nest	Nesting date	Time	Species	Tag number	Carapace length	Eggs	Emergence date	Hatchlings	Re-located
251	02/09/87		Cc	0	0.00	132	03/30/87	7	Y
252	02/11/87		Ei	0	0.00	134	04/06/87	25	Y
253	02/11/87		Uk	0	0.00	134		7	Y
254	02/13/87		Cc	0	0.00	127	04/07/87	7	Y
255	02/17/87		Ei	0	0.00	130	04/12/87	18	Y
256	02/17/87		Ei	0	0.00	66	04/14/87	25	Y
257	02/17/87		Ei	0	0.00	98	04/14/87	22	Y
258	02/18/87		Ei	0	0.00	140	04/16/87	60	Y
259	02/19/87		Ei	0	0.00	118	04/16/87	33	Y
260	02/19/87		Ei	0	0.00	135	04/11/87	45	Y
261	02/20/87		Ei	0	0.00	109	04/17/87	41	Y
262	02/22/87		Ei	0	0.00	64	04/15/87	30	Y
263	02/22/87		Ei	0	0.00	143	04/17/87	76	Y
264	02/22/87		Cc	0	0.00	109	04/09/87	76	Y
265	02/22/87		Cc	0	0.00	168	04/12/87	20	Y
266	02/22/87		Uk	0	0.00	104	04/27/87	0	Y
267	02/25/87		Cc	0	0.00	69	04/14/87	46	Y
268	02/26/87		Uk	0	0.00	102		0	Y
269	02/27/87		Cc	0	0.00	107	04/14/87	64	Y
270	02/27/87		Uk	0	0.00	192	04/27/87	0	Y
271	02/28/87		Cc	0	0.00	117	04/20/87	1	Y
272	03/02/87		Cm	0	0.00	122	04/20/87	101	Y
273	03/05/87		Cc	0	0.00	85	04/22/87	65	Y
274	03/06/87		Uk	0	0.00	165	04/29/87	112	Y
275	03/08/87		Uk	0	0.00	122		0	Y
276	03/12/87		Ei	0	0.00	207	05/07/87	92	Y
277	03/14/87		Cm	0	0.00	122	05/10/87	2	Y
278	03/16/87		Uk	0	0.00	93		15	Y
279	03/16/87		Uk	0	0.00	127		0	Y
280	03/20/87		Uk	0	0.00	108		87	Y
281	03/21/87		Ei	0	0.00	127	05/16/87	44	Y
282	03/21/87		Ei	0	0.00	114	05/16/87	44	Y
283	03/21/87		Ei	0	0.00	88	05/21/87	57	Y
284	03/26/87		Ei	0	0.00	169	05/28/87	119	Y
285	03/31/87		Ei	0	0.00	182	05/29/87	19	Y
TOTAL						37,761		19,733	

## WATS II SEA TURTLE SURVEY DATA FORMS

TAMAR PROJECT: BRAZIL 1986 and 1987

Beach: Santa Maria

02 October 1987 (Page No 1 of 2)

Nest	Nesting date	Time	Species	Tag number	Carapace length	Eggs	Emergence date	Hatchlings	Re-located
1	05/23/86		Uk	0	0.00	90		0	Y
0	06/15/86		Uk	0	0.00	0		0	
2	06/15/86		Uk	0	0.00	102		0	N
3	08/13/86		Uk	0	0.00	107		0	Y
4	08/28/86		Cc	0	0.00	118	10/28/86	112	N
5	09/13/86		Uk	0	0.00	127		0	Y
0	09/23/86		Uk	0	0.00	0		0	
6	09/26/86	22:00	Cc	0	0.00	117	11/20/86	106	N
7	10/02/86	02:00	Cc	0	0.00	134	11/29/86	85	Y
8	10/06/86	19:30	Cc	0	0.00	141	12/02/86	132	N
9	10/10/86		Cc	0	0.00	82	12/05/86	80	Y
10	10/10/86	02:00	Cc	0	0.00	127	12/04/86	89	Y
11	10/11/86	20:00	Cc	0	0.00	145	12/05/86	134	N
12	10/15/86		Cc	0	0.00	138	12/09/86	101	Y
13	10/21/86		Cc	0	0.00	146	12/16/86	93	Y
14	10/21/86	22:30	Cc	0	0.00	152	12/14/86	77	Y
15	10/24/86	02:00	Cc	4551	0.00	134	12/19/86	127	N
0	11/08/86	03:30	Uk	0	0.00	0		0	
0	11/11/86	02:15	Uk	0	0.00	0		0	
0	11/13/86	04:20	Uk	0	0.00	0		0	
16	10/30/86	22:00	Cc	0	0.00	125	12/24/86	94	N
17	11/04/86	22:00	Cc	4552	1.00	152	12/26/86	89	Y
18	11/05/86	22:00	Ei	0	0.00	137	12/29/86	108	Y
19	11/06/86	04:30	Cc	0	0.00	101	12/30/86	89	Y
0	11/25/86	00:50	Ei	4556	0.95	0		0	
20	11/11/86	01:00	Cc	453	1.00	134	01/02/87	92	Y
21	11/10/86		Cc	0	0.00	84		79	N
0	12/09/86		Uk	0	0.00	0		0	
0	12/09/86		Uk	0	0.00	0		0	
22	11/19/86	02:00	Ei	4554	1.05	121	01/11/87	102	N
23	11/19/86	02:50	Cc	0	0.00	143	01/11/87	112	N
24	11/21/86	01:00	Cc	4555	0.98	83	01/11/87	72	N
25	11/26/86	01:45	Ei	4556	0.95	135	01/20/87	113	N
26	11/28/86	23:00	Ei	0	0.00	134	01/19/87	88	N
37	11/19/86	22:00	Cc	0	0.00	148	01/11/87	117	N
27	11/29/86		Cc	0	0.00	161	01/19/87	127	N
28	12/02/86	01:50	Cc	4558	1.06	68	01/21/87	66	N
29	12/02/86	03:00	Cc	4552	1.01	154	01/20/87	138	N
0	01/02/87		Uk	0	0.00	0		0	
30	12/06/86		Cc	0	0.00	108	01/24/87	63	Y
31	12/13/86	03:30	Cc	0	0.00	175	01/30/87	113	N
32	12/15/86	00:30	Ei	4556	0.95	152	02/06/87	108	N
0	01/19/87	16:30	Cc	4560	1.00	0		0	
0	01/23/87		Uk	0	0.00	0		0	
33	01/04/87	22:30	Ei	0	0.00	57	02/21/87	48	N
34	01/04/87	01:30	Cc	0	0.00	134	02/20/87	100	N
0	02/10/87	22:45	Ei	4561	0.85	0		0	
35	01/08/87	01:15	Lo	4559	0.71	83	02/23/87	66	N
38	02/11/87	23:30	Ei	4561	0.85	98	04/05/87	82	N

## WATS II SEA TURTLE SURVEY DATA FORMS

TAMAR PROJECT: BRAZIL 1986 and 1987

Beach: Santa Maria

02 October 1987 (Page No 2 of 2)

Nest	Nesting date	Time	Species	Tag number	Carapace length	Eggs	Emergence date	Hatchlings	Re-located
39	02/12/87		Ei	0	0.00	152	04/04/87	81	N
40	02/24/87		Uk	0	0.00	146	04/19/87	96	Y
41	03/25/87		Uk	0	0.00	0			N
TOTAL						4,845		3,379	

## WATS II SEA TURTLE SURVEY DATA FORM

TABLE III. NESTING BEACH INVENTORY

List beaches in geographic sequence. Provide additional information on an attached page. Please list each species that occurs on beach on a separate line even if months of occurrence are the same.

COUNTRY: Brasil

STATE: Sergipe

RECORDER:

Name of Beach	Length in Km	Species * Nesting Cc	Months Peak Nesting November & December	Months Recorded Nesting October through February
Santa Isabel (Pirambu)	42			
Santa Isabel (Pirambu)	42	Lo	November & December	October through March

\* Cc=Caretta caretta; Cm=Chelonia mydas; Dc=Dermochelys coriacea; Ei=Eretmochelys imbricata;  
Lk=Lepidochelys kempi; Lo=Lepidochelys olivacea; Uk=Unknown

## WATS II SEA TURTLE SURVEY DATA FORMS

TAMAR PROJECT: BRAZIL 1986 and 1987

Beach: Pirambu

02 October 1987 (Page No 1 of 3)

Nest	Nesting date	Time	Species	Tag number	Carapace length	Eggs	Emergence date	Hatchlings	Re-located
1	10/22/86	21:20	Lo	0	0.00	126	12/12/86	109	Y
2	10/23/86	22:17	Cc	0	0.00	145	12/14/86	129	Y
0	10/27/86	02:20	Uk	0	0.00	0		0	Y
3	10/25/86	23:11	Cc	823	0.95	120	12/20/86	113	
4	10/26/86	02:37	Cc	878	0.92	120	12/19/86	107	Y
5	10/26/86	02:58	Cc	0	0.00	134	12/19/86	121	Y
6	10/26/86	03:47	Lo	0	0.00	127	12/19/86	113	Y
7	10/27/86	02:33	Cc	0	0.00	60	12/23/86	57	Y
0	11/03/86	02:17	Uk	0	0.00	0		0	N
8	10/28/86	03:27	Lo	0	0.00	105	12/23/86	93	Y
0	11/06/86	22:18	Uk	0	0.00	0		0	
0	11/06/86	22:40	Uk	0	0.00	0		0	
9	10/29/86	04:12	Lo	0	0.00	138	12/29/86	97	Y
0	11/07/86	21:15	Lo	880	0.71	0		0	
0	11/07/86	22:28	Uk	0	0.00	0		0	
0	11/08/86	23:57	Uk	0	0.00	0		0	
10	11/01/86	04:47	Lo	879	0.71	109	12/29/86	89	Y
0	11/11/86	01:27	Lo	882	0.72	0		0	
11	11/07/86	20:58	Lo	879	0.72	104	01/02/87	83	Y
12	11/07/86	21:37	Cc	881	0.93	133	01/02/87	79	Y
13	11/07/86	23:10	Cc	0	0.00	120	01/03/87	109	Y
14	11/08/86	00:14	Cc	823	0.95	84	01/03/87	79	Y
0	11/22/86	20:45	Uk	0	0.00	0		0	
0	11/23/86	00:32	Uk	0	0.00	0		0	
15	11/09/86	00:20	Cc	883	0.92	132	01/03/87	115	Y
0	11/24/86	22:12	Uk	0	0.00	0		0	
16	11/09/86	01:32	Cc	0	0.00	132	01/03/87	105	Y
0	11/25/86	02:27	Uk	0	0.00	0		0	
17	11/09/86	02:20	Cc	0	0.00	142	01/04/87	111	Y
0	11/26/86	04:47	Uk	0	0.00	0		0	
18	11/09/86	04:17	Cc	0	0.00	83	01/04/87	60	Y
0	11/27/86	02:33	Uk	0	0.00	0		0	Y
19	11/10/86	00:27	Lo	0	0.00	125	01/04/87	87	N
20	11/10/86	02:20	Cc	0	0.00	146	01/04/87	108	
0	11/30/86	05:58	Uk	0	0.00	142		0	
0	12/01/86	04:45	Uk	0	0.00	0		0	
0	12/05/86	20:12	Uk	0	0.00	0		0	
0	12/06/86	00:12	Uk	0	0.00	0		0	
0	12/06/86	23:48	Uk	0	0.00	0		0	
21	11/16/87	19:38	Cc	0	0.00	130	01/08/87	113	Y
0	12/08/86	04:46	Uk	0	0.00	0		0	
22	11/20/86	20:57	Cc	0	0.00	149	01/12/87	136	Y
23	11/20/86	21:38	Lo	0	0.00	100	01/13/87	83	Y
24	11/21/86	19:19	Cc	0	0.00	146	01/13/87	110	Y
25	11/22/86	21:05	Lo	0	0.00	117	01/13/87	110	Y
26	11/22/86		Cc	0	0.00	117	01/14/87	119	Y
27	11/23/86	00:58	Cc	0	0.00	129	01/15/87	119	Y
0	12/21/86	22:33	Uk	0	0.00	0		0	
28	11/24/86	02:27	Lo	0	0.00	133	01/15/87	118	Y

## WATS II SEA TURTLE SURVEY DATA FORMS

TAMAR PROJECT: BRAZIL 1986 and 1987

Beach: Pirambu

02 October 1987 (Page No 2 of 3)

Nest	Nesting date	Time	Species	Tag number	Carapace length	Eggs	Emergence date	Hatchlings	Re-located
29	11/25/86	00:42	Cc	878	0.92	119	01/15/87	101	Y
30	11/25/86	01:38	Lo	0	0.00	120	01/19/87	108	Y
31	11/27/86	02:19	Lo	0	0.00	120	01/19/87	98	Y
32	11/28/86	04:22	Lo	0	0.00	133	01/21/87	125	Y
33	11/29/86	02:48	Lo	0	0.00	98	01/21/87	97	Y
34	11/29/86	03:10	Lo	0	0.00	114	01/21/87	101	Y
35	11/29/86	03:23	Lo	0	0.00	113	01/22/87	90	Y
36	01/05/87	03:12	Lo	0	0.00	120	01/22/87	112	Y
0	01/05/87	00:36	Uk	0	0.00	103		0	N
0	01/05/87	01:12	Uk	0	0.00	112		0	N
37	11/30/86	03:17	Cc	0	0.00	144	01/21/87	105	Y
38	11/30/86	03:22	Cc	0	0.00	97	01/21/87	73	Y
40	11/29/86	04:57	Lo	0	0.00	104	01/23/87	60	Y
39	11/30/86	04:25	Lo	0	0.00	110	01/22/87	106	Y
0	01/08/87	02:57	Uk	0	0.00	0		0	
41	12/01/86	05:47	Cc	0	0.00	157	01/23/87	126	Y
0	01/11/87	02:40	Uk	0	0.00	0		0	
0	01/14/87	04:58	Uk	0	0.00	0		0	
42	12/05/86	00:12	Cc	0	0.00	148	01/23/87	120	Y
43	12/06/86	01:10	Lo	0	0.00	136	01/25/87	103	Y
44	12/07/86	23:31	Cc	884	0.92	125	01/26/87	120	Y
45	12/07/86	01:10	Cc	885	0.93	130	01/28/87	110	Y
46	12/07/86	03:46	Lo	0	0.00	89	01/29/87	76	Y
47	12/08/86	02:25	Lo	0	0.00	100	01/29/87	73	Y
48	12/08/86	02:33	Lo	0	0.00	96	01/29/87	80	Y
49	12/09/86	02:28	Lo	0	0.00	152	01/29/87	99	Y
50	12/09/86	03:37	Lo	0	0.00	99	02/05/87	89	Y
51	12/12/86	04:45	Lo	0	0.00	83	02/03/87	60	Y
0	02/01/87	00:15	Uk	0	0.00	0		0	
52	12/12/86	05:05	Cc	0	0.00	111	02/01/87	96	Y
0	02/03/87	00:50	Cc	866	0.00	0		0	
53	12/14/86	03:35	Lo	0	0.00	70	02/05/87	65	Y
54	12/15/86	04:58	Lo	0	0.00	142	02/05/87	116	Y
55	12/16/86	05:37	Lo	0	0.00	118	02/05/87	87	Y
56	12/18/86	23:17	Lo	0	0.00	125	02/05/87	115	Y
57	12/18/86	20:25	Lo	0	0.00	117	02/08/87	92	Y
58	12/18/86	20:41	Cc	0	0.00	118	02/08/87	18	Y
59	12/20/86	22:19	Cc	0	0.00	139	02/09/87	69	Y
60	12/20/86	22:27	Cc	0	0.00	135	02/11/87	118	Y
61	12/21/86	21:27	Cc	886	0.92	146	02/11/87	130	Y
62	12/21/86	21:34	Cc	887	0.91	140	02/11/87	98	Y
63	12/21/86	22:09	Lo	0	0.00	97	02/13/87	93	Y
64	12/21/86	22:21	Lo	0	0.00	84	02/12/87	72	Y
65	12/21/86	22:29	Cc	888	0.90	146	02/12/87	120	Y
66	12/22/86	00:23	Cc	884	0.92	134	02/12/87	88	Y
67	12/22/86	01:12	Lo	0	0.00	95	02/12/87	82	Y
68	12/23/86	01:23	Cc	0	0.00	120	02/13/87	98	Y
69	12/23/86	01:34	Cc	0	0.00	100	02/14/87	79	Y
70	12/24/86	01:17	Lo	0	0.00	106	02/13/87	95	Y

## WATS II SEA TURTLE SURVEY DATA FORMS

TAMAR PROJECT: BRAZIL 1986 and 1987

Beach: Pirambu

02 October 1987 (Page No 3 of 3)

Nest	Nesting date	Time	Species	Tag number	Carapace length	Eggs	Emergence date	Hatchlings	Re-located
71	12/24/86	02:22	Cc	0	0.00	142	02/17/87	63	Y
72	12/24/86	03:05	Cc	0	0.00	120	02/17/87	45	Y
73	12/26/86	00:52	Cc	0	0.00	120	02/17/87	68	Y
74	12/27/86	02:37	Cc	0	0.00	148	02/18/87	86	Y
75	12/27/86	02:58	Lo	0	0.00	107	02/19/87	29	Y
76	12/29/86	03:23	Cc	0	0.00	62	02/21/87	48	Y
77	12/30/86	04:20	Cc	0	0.00	61	02/23/87	43	Y
78	01/05/87	23:17	Cc	0	0.00	135	02/25/87	101	Y
79	01/05/87	00:22	Lo	0	0.00	100	02/26/87	83	Y
80	01/06/87	01:22	Lo	0	0.00	112	02/26/87	80	Y
81	01/06/87	02:17	Cc	0	0.00	130	02/25/87	86	Y
82	01/08/87	01:40	Lo	889	0.58	124	02/27/87	95	Y
83	01/08/87	01:57	Lo	891	0.68	89	02/26/87	93	Y
84	01/08/87	02:40	Lo	0	0.00	101	03/02/87	69	Y
85	01/11/87	03:25	Cc	890	0.83	143	03/03/87	112	Y
86	01/11/87	03:51	Lo	0	0.00	128	03/03/87	86	Y
87	01/13/87	04:37	Lo	0	0.00	140	03/05/87	81	Y
88	01/16/87		Uk	0	0.00	120		0	Y
89	01/18/87	22:45	Lo	0	0.00	122	03/11/87	88	Y
90	01/19/87	20:15	Lo	0	0.00	153	03/12/87	131	Y
91	01/21/87	23:29	Cc	888	0.900	144	03/14/87	104	Y
92	01/24/87	04:30	Cc	0	0.00	125	03/16/87	67	Y
93	01/24/87		Lo	0	0.00	97	03/16/87	77	Y
94	01/27/87	20:57	Lo	0	0.00	139	03/20/87	100	Y
95	01/28/87	04:20	Lo	891	0.68	179	03/21/87	135	Y
96	02/01/87	20:19	Lo	892	0.70	125	03/22/87	112	Y
97	02/02/87	21:22	Lo	893	0.76	91	03/23/87	80	Y
98	02/02/87	01:47	Cc	0	0.00	110	03/23/87	77	Y
99	02/03/87	22:41	Lo	0	0.00	131	03/24/87	117	Y
100	02/05/87	00:32	Lo	0	0.00	147	03/25/87	127	Y
101	02/09/87	04:51	Lo	0	0.00	100	03/28/87	87	Y
102	02/12/87	05:47	Lo	0	0.00	141	04/03/87	117	Y
103	02/19/87	23:05	Lo	0	0.00	100	04/18/87	82	Y
104	02/26/87	03:44	Lo	0	0.00	129	04/22/87	89	Y
105	03/03/87	21:12	Lo	0	0.00	127	04/28/87	14	Y
106	03/12/87	04:33	Lo	0	0.00	169	05/01/87	122	Y
107	03/25/87	02:37	Lo	0	0.00	145	05/17/87	80	Y
108	03/25/87	03:21	Lo	0	0.00	169	05/17/87	96	Y
<b>TOTAL</b>						<b>13,438</b>		<b>10,025</b>	

## WATS II SEA TURTLE SURVEY DATA FORM

### **TABLE III. NESTING BEACH INVENTORY**

List beaches in geographic sequence. Provide additional information on an attached page. Please list each species that occurs on beach on a separate line even if months of occurrence are the same.

COUNTRY: Brasil

STATE: T.F. de Fernando de Noronha

RECORDER:

Name of Beach	Length in Km	Species * Nesting	Months Peak Nesting	Months Recorded Nesting
Fernando de Noronha	4	Cm	February	December through April

\* Cc=*Caretta caretta*; Cm=*Chelonia mydas*; Dc=*Dermochelys coriacea*; Ei=*Eretmochelys imbricata*; Lk=*Lepidochelys kempi*; Lo=*Lepidochelys olivacea*; Uk=Unknown

## WATS II SEA TURTLE SURVEY DATA FORMS

TAMAR PROJECT: BRAZIL 1986 and 1987

Beach: Fernando de Noronha

15 September 1987 (Page No 1 of 2)

Nest	Nesting date	Time	Species	Tag number	Carapace length	Eggs	Emergence date	Hatchlings	Re-located
1	01/27/87		Cm	0	0.00	90	03/19/87	71	N
0	02/02/87		Cm	0	0.00	0		0	
0	02/04/87		Cm	0	0.00	0		0	
0	02/05/87		Cm	0	0.00	0		0	
0	02/05/87		Cm	0	0.00	0		0	
0	02/07/87		Cm	0	0.00	0		0	
0	02/07/87		Cm	0	0.00	0		0	
4	02/05/87		Cm	4072	1.12	97	03/27/87	83	N
0	02/11/87	04:00	Cm	0	0.00	0		0	
9	02/08/87		Cm	0	0.00	153		17	N
0	02/17/87	21:45	Cm	0	0.00	0		0	
0	02/18/87	23:00	Cm	0	0.00	0		0	
0	02/19/87	03:10	Cm	0	0.00	0		0	
0	02/23/87	02:10	Cm	0	0.00	0		0	
11	02/13/87	22:00	Cm	4071	1.18	132	04/05/87	45	N
13	02/17/87	22:00	Cm	4070	1.23	64	04/09/87	55	N
0	03/02/87	21:15	Cm	0	0.00	0		0	
0	03/02/87	23:00	Cm	0	0.00	0		0	
0	03/02/87	00:40	Cm	4068	1.23	0		0	
0	03/03/87		Cm	0	0.00	0		0	
0	03/05/87	21:30	Cm	0	0.00	0		0	
16	02/18/87		Cm	0	0.00	125	04/10/87	96	N
0	03/10/87		Cm	0	0.00	0		0	
0	03/10/87		Cm	0	0.00	0		0	
0	03/11/87		Cm	0	0.00	0		0	
0	03/11/87		Cm	0	0.00	0		0	
0	03/11/87		Cm	0	0.00	0		0	
0	03/12/87	23:53	Cm	0	0.00	0		0	
0	03/12/87	22:40	Cm	4059	1.08	0	05/03/87	59	Y
0	03/12/87	23:55	Cm	0	0.00	0		0	
0	03/12/87	23:50	Cm	0	0.00	0		0	
0	03/12/87		Cm	0	0.00	0		0	
0	03/12/87	23:45	Cm	0	0.00	0		0	
0	03/13/87	23:05	Cm	4057	1.21	0		0	
19	02/27/87	22:45	Cm	0	0.00	137	04/20/87	130	N
20	03/01/87	21:30	Cm	4070 *	1.23	118	04/23/87	109	N
21	03/01/87	22:00	Cm	4072 *	1.12	108	04/25/87	101	N
0	03/22/87		Cm	0	0.00	0		0	
0	03/23/87		Cm	0	0.00	0		0	
0	03/24/87		Cm	0	0.00	0		0	
0	03/26/87	21:45	Cm	0	0.00	0		0	
25	03/03/87		Cm	0	0.00	115	04/23/87	103	N
0	04/02/87		Cm	0	0.00	0		0	
0	04/06/87	19:45	Uk	0	0.00	0		0	
33	03/11/87		Cm	0	0.00	150		142	N
0	04/14/87		Uk	0	0.00	0		0	
0	04/14/87		Uk	0	0.00	0		0	
39	03/12/87	23:53	Cm	0	0.00	112		105	N
42	03/13/87	04:00	Cm	0	0.00	106		99	N

## WATS II SEA TURTLE SURVEY DATA FORMS

TAMAR PROJECT: BRAZIL 1986 and 1987

Beach: Fernando de Noronha

15 September 1987 (Page No 2 of 2)

Nest	Nesting date	Time	Species	Tag number	Carapace length	Eggs	Emergence date	Hatchlings	Re-located
0	04/24/87		Uk	0	0.00	0		0	
43	03/14/87	04:00	Cm	0	0.00	118		98	N
46	03/23/87		Cm	0	0.00	142	05/14/87	117	N
47	03/23/87		Cm	0	0.00	112		105	N
51	03/24/87		Cm	0	0.00	123		119	N
52	03/24/87		Cm	0	0.00	117	05/14/87	99	N
53	03/25/87		Cm	0	0.00	115		40	N
56	04/03/87		Cm	0	0.00	123	05/25/87	101	N
57	04/03/87		Cm	0	0.00	59		0	N
58	04/03/87		Cm	0	0.00	128	05/25/87	112	N
59	04/04/87		Cm	0	0.00	145		116	N
60	04/04/87		Cm	0	0.00	119	05/25/87	113	N
62	04/06/87	01:10	Cm	0	0.00	119	05/31/87	63	N
65	04/14/87		Cm	0	0.00	128	06/03/87	75	N
66	04/14/87		Cm	0	0.00	93	06/05/87	81	N
67	04/14/87		Cm	0	0.00	102		35	N
68	04/19/87		Cm	0	0.00	115		101	N
70	04/25/87		Cm	0	0.00	124		121	N
72	05/05/87		Cm	0	0.00	112	06/27/87	72	N
73	05/06/87		Cm	0	0.00	135	06/28/87	130	N
14			Cm	0	0.00	96	04/03/87	27	N
44			Cm	0	0.00	93		55	N
71			Cm	0	0.00	100		93	N
74			Cm	0	0.00	102		95	N
TOTAL						4,127		3,183	

## WATS II SEA TURTLE SURVEY DATA FORM

### TABLE III. NESTING BEACH INVENTORY

List beaches in geographic sequence. Provide additional information on an attached page. Please list each species that occurs on beach on a separate line even if months of occurrence are the same.

COUNTRY: Brasil

STATE: Rio Grande do Norte

RECORDER:

Name of Beach	Length in Km	Species * Nesting Cm	Months Peak Nesting February	Months Recorded Nesting December through April
Atol das Rocas	1.0			

\* Cc=*Caretta caretta*; Cm=*Chelonia mydas*; Dc=*Dermochelys coriacea*; Ei=*Eretmochelys imbricata*; Lk=*Lepidochelys kempi*; Lo=*Lepidochelys olivacea*; Uk=Unknown

## WATS II SEA TURTLE SURVEY DATA FORMS

TAMAR PROJECT: BRAZIL 1986 and 1987

Beach: Atol das Rocas

15 September 1987 (Page No 1 of 3)

Nest	Nesting date	Time	Species	Tag number	Carapace length	Eggs	Emergence date	Hatchlings	Re-located
0	01/18/82		Cm	24	1.10	0		0	N
0	01/22/82		Cm	21	1.20	0		0	
0	01/22/82		Cm	20	1.12	0		0	N
0	01/23/82		Cm	24	1.10	0		0	
0	01/23/82		Cm	27	1.15	0		0	
0	01/23/82		Cm	25	1.05	0		0	N
0	01/23/82		Cm	26	1.15	0		0	N
0	01/24/82		Cm	39	1.11	0		0	N
0	01/24/82		Cm	29	1.20	0		0	N
0	01/24/82		Cm	30	1.08	0		0	N
0	01/25/82		Cm	27	1.15	0		0	N
0	01/25/82		Cm	42	1.12	0		0	
0	01/25/82		Cm	40	1.16	0		0	
0	01/25/82		Cm	31	1.12	0		0	N
0	01/27/82		Cm	40 *	1.16	0		0	N
0	01/28/82		Cm	33	1.12	0		0	
0	01/29/82		Cm	42 *	1.12	0		0	
0	01/30/82		Cm	33 *	1.12	0		0	
0	01/30/82		Cm	35	1.12	0		0	
0	01/30/82		Cm	34	1.16	0		0	N
0	01/31/82		Cm	53	1.22	0		0	N
0	01/31/82		Cm	51	1.11	0		0	N
0	02/01/82		Cm	55	1.09	0		0	
0	02/01/82		Cm	39 *	1.11	0		0	
0	02/01/82		Cm	33 *	1.12	0		0	N
0	02/01/82		Cm	54	1.12	0		0	N
0	02/02/82		Cm	56	1.10	0		0	N
0	02/02/82		Cm	36	1.09	0		0	N
0	02/03/82		Cm	21 *	1.20	0		0	N
0	02/03/82		Cm	20 *	1.12	0		0	N
0	02/03/82		Cm	38	0.00	0		0	N
0	02/03/82		Cm	48	1.20	0		0	N
0	02/03/82		Cm	29 *	1.20	0		0	N
0	02/04/82		Cm	26 *	1.15	0		0	
0	02/04/82		Cm	25 *	1.05	0		0	
0	02/04/82		Cm	25 *	1.05	0		0	
0	02/04/82		Cm	37 *	1.12	0		0	
0	02/05/82		Cm	25	1.05	0		0	N
0	02/05/82		Cm	37	1.12	107		0	N
0	02/05/82		Cm	39 *	1.11	0		0	
0	02/06/82		Cm	61	1.05	0		0	
0	02/07/82		Cm	72	1.10	0		0	
0	02/08/82		Cm	31 *	1.12	0		0	
0	02/08/82		Cm	73	1.20	0		0	N
0	02/10/82		Cm	40 *	1.16	0		0	N
0	02/10/82		Cm	67	1.11	0		0	
0	02/10/82		Cm	43	0.00	0		0	
0	02/10/82		Cm	42 *	1.12	0		0	
0	02/10/82		Cm	66	0.00	0		0	

## WATS II SEA TURTLE SURVEY DATA FORMS

TAMAR PROJECT: BRAZIL 1986 and 1987

Beach: Atol das Rocas

15 September 1987 (Page No 2 of 3)

Nest	Nesting date	Time	Species	Tag number	Carapace length	Eggs	Emergence date	Hatchlings	Re-located
0	02/11/82		Cm	42 *	1.12	0		0	
0	02/12/82		Cm	51 *	1.11	0		0	
0	02/12/82		Cm	79	0.00	0		0	
0	02/12/82		Cm	101	0.00	0		0	
0	02/12/82		Cm	34 *	1.16	0		0	
0	02/12/82		Cm	43 *	0.00	0		0	
0	02/12/82		Cm	81	1.20	0		0	
0	02/12/82		Cm	53 *	1.22	0		0	
0	02/13/82		Cm	26 *	1.15	0		0	
0	02/13/82		Cm	29 *	1.20	0		0	
0	02/14/82		Cm	21 *	1.20	0		0	
0	02/14/82		Cm	29 *	1.20	0		0	
0	02/14/82		Cm	33 *	1.12	0		0	
0	02/15/82		Cm	104	1.16	0		0	
0	02/15/82		Cm	54 *	1.12	0		0	
0	02/15/82		Cm	48 *	1.20	0		0	
0	02/16/82		Cm	20 *	1.12	0		0	
0	02/16/82		Cm	38 *	0.00	0		0	
0	02/16/82		Cm	55 *	1.09	0		0	
0	02/16/82		Cm	48 *	1.20	0		0	
0	02/17/82		Cm	25 *	1.05	0		0	
0	02/17/82		Cm	89	1.09	0		0	
0	02/17/82		Cm	36 *	1.09	0		0	
0	02/17/82		Cm	30 *	1.08	0		0	
0	02/18/82		Cm	37 *	1.12	0		0	
0	02/18/82		Cm	31 *	1.12	0		0	
0	02/18/82		Cm	39 *	1.11	0		0	
0	02/18/82		Cm	56 *	1.10	0		0	
0	02/19/82		Cm	56 *	1.10	0		0	
0	02/20/82		Cm	37 *	1.12	0		0	
0	02/21/82		Cm	30 *	1.08	0		0	
0	02/21/82		Cm	85	0.00	0		0	
0	02/22/82		Cm	67 *	1.11	0		0	
0	02/22/82		Cm	85 *	0.00	0		0	
0	02/23/82		Cm	34 *	1.16	0		0	
0	02/23/82		Cm	102	0.00	0		0	
0	02/23/82		Cm	101 *	0.00	0		0	
0	02/24/82		Cm	53 *	1.22	0		0	
0	02/24/82		Cm	51 *	1.11	0		0	
0	02/24/82		Cm	43 *	0.00	0		0	
0	02/25/82		Cm	26 *	1.15	0		0	
0	02/25/82		Cm	103	0.00	0		0	
0	02/26/82		Cm	21 *	1.20	0		0	
0	02/26/82		Cm	54 *	1.12	0		0	
0	02/26/82		Cm	29 *	1.20	0		0	
0	02/27/82		Cm	26 *	1.15	0		0	
0	02/27/82		Cm	20 *	1.12	0		0	
0	02/27/82		Cm	33 *	1.12	0		0	
0	02/27/82		Cm	48 *	1.20	0		0	

## WATS II SEA TURTLE SURVEY DATA FORMS

TAMAR PROJECT: BRAZIL 1986 and 1987

Beach: Atol das Rocas

15 September 1987 (Page No 3 of 3)

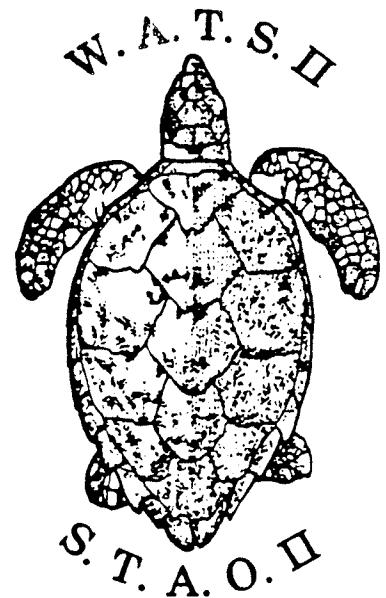
Nest	Nesting date	Time	Species	Tag number	Carapace length	Eggs	Emergence date	Hatchlings	Re-located
0	02/27/82		Cm	38 *	0.00	0		0	
0	02/27/82		Cm	55 *	1.09	0		0	
0	02/27/82		Cm	72 *	1.10	0		0	
0	02/27/82		Cm	104 *	1.16	0		0	
0	02/28/82		Cm	33 *	1.12	0		0	
0	02/28/82		Cm	55 *	1.09	0		0	
0	02/28/82		Cm	48 *	1.20	0		0	
0	03/01/82		Cm	25 *	1.05	0		0	
0	03/01/82		Cm	30 *	1.08	0		0	
0	03/01/82		Cm	37 *	1.12	0		0	N
0	03/01/82		Cm	48 *	1.20	0		0	N
0	03/01/82		Cm	87	0.00	0		0	
0	03/01/82		Cm	107	0.00	0		0	N
0	03/02/82		Cm	87 *	0.00	0		0	
0	03/02/82		Cm	31 *	1.12	0		0	N
0	03/03/82		Cm	108	1.10	0		0	N
0	03/03/82		Cm	37 *	1.12	0		0	N
0	03/03/82		Cm	56 *	1.10	0		0	
0	03/04/82		Cm	87 *	0.00	0		0	N
0	03/05/82		Cm	56 *	1.10	0		0	
0	03/06/82		Cm	73 *	1.20	0		0	N
0	03/06/82		Cm	85 *	0.00	0		0	N
0	03/06/82		Cm	67 *	1.11	0		0	N
0	03/06/82		Cm	101 *	0.00	0		0	
0	03/06/82		Cm	29 *	1.20	0		0	N
0	03/07/82		Cm	34 *	1.16	0		0	N
0	03/08/82		Cm	103 *	0.00	0		0	
0	03/08/82		Cm	51 *	1.11	0		0	
0	03/08/82		Cm	42 *	1.12	0		0	N
0	03/08/82		Cm	43 *	0.00	0		0	N
0	03/09/82		Cm	24 *	1.10	0		0	
0	03/09/82		Cm	103 *	0.00	0		0	
0	03/10/82		Cm	103 *	0.00	0		0	
0	03/11/82		Cm	20 *	1.12	0		0	
0	03/11/82		Cm	51 *	1.11	0		0	N
TOTAL						107		0	

# **WATS II REPORT/DATA SET**

National Report to WATS II for Brasil

Maria Angela Guagni dei Marcovaldi

12 October 1987



**WATS2 061**

WESTERN ATLANTIC TURTLE SYMPOSIUM

W A T S      I I

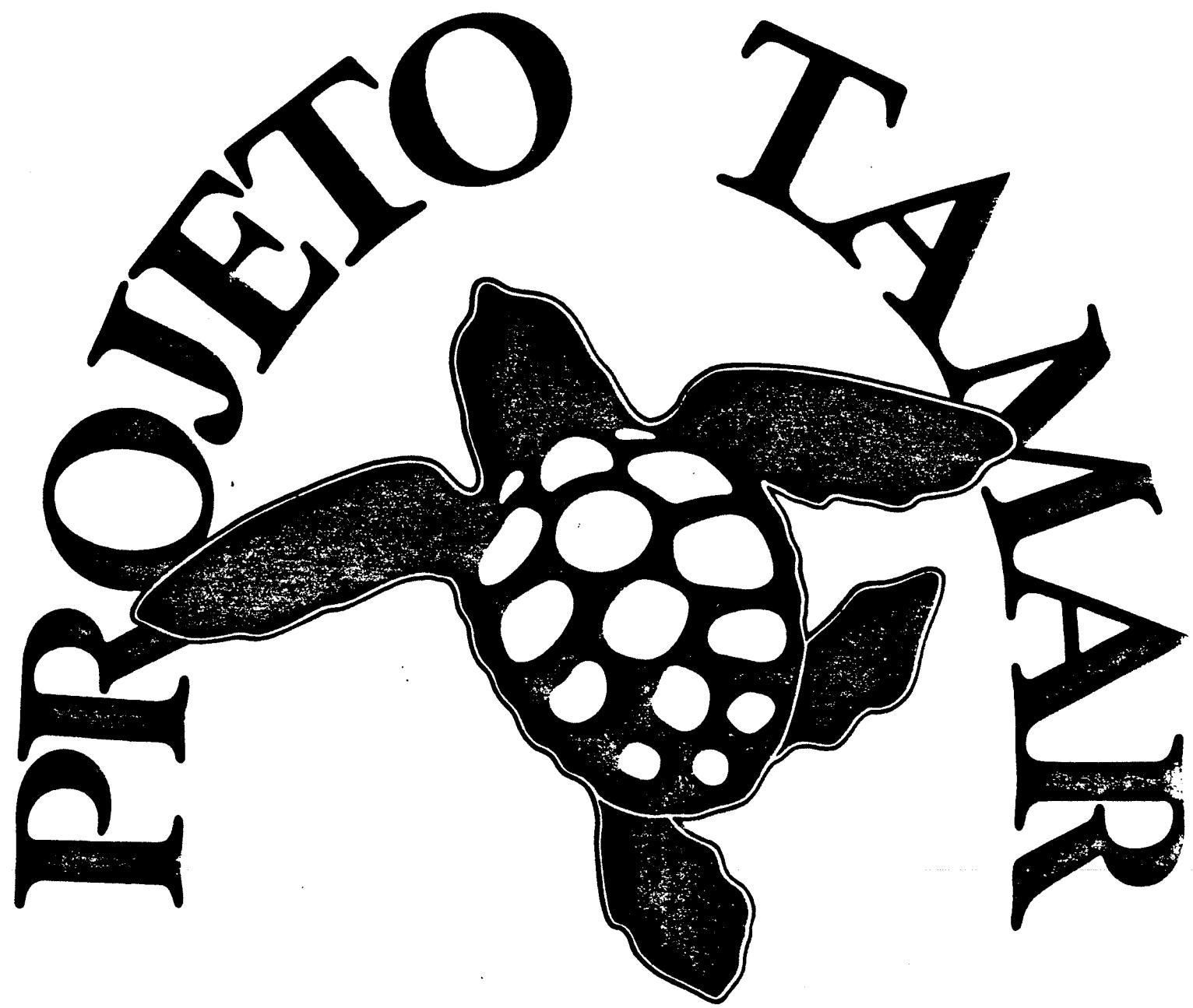
N A C I O N A L      R E P O R T

B R A Z I L

Prepared by:

Maria Angela Guagni dei Marcovaldi

Guy Guagni dei Marcovaldi



**IBDF BRASIL**

**PROJETO TAMAR - IBDF**

**BRIEF REPORT**

In 1980 the INSTITUTO BRASILEIRO DE DESENVOLVIMENTO FLORESTAL-IBDF (Brazilian Forest Department) created the Projeto Tartaruga Marinha (TAMAR) that for two years worked on an exhaustive survey on Sea Turtles along the coastal areas of the mainland and on the territorial ocean islands in order to evaluate the occurrence of these chelonians. Meanwhile, it started appraising published papers and other activities related to these animals that had been done until then. As a result of the compilation only four enumerated works were encountered referring to stomach content of green turtles captured incidentally; green turtle nesting on Ilha da Trindade; the occurrence of the leathery turtle in the mouth of the Amazon river, and an identification key to the five species of sea turtles nesting in Brazil, published by the University of Ceará.

As of 1982, TAMAR has set up hatcheries at the most important nesting sites in terms of number of different breeding species and degree of harvesting and depredation.

Step by step the credential professionals have improved nest transplanting techniques and policy for maintaining a reasonable yet crescent level of protectionism and feeling for nature.

## NESTING BEACHES:

Sea turtles nest in the Brazilian coast, from the State of Rio de Janeiro up to the northermost State of Amapa, where the tropical wheather predominates.

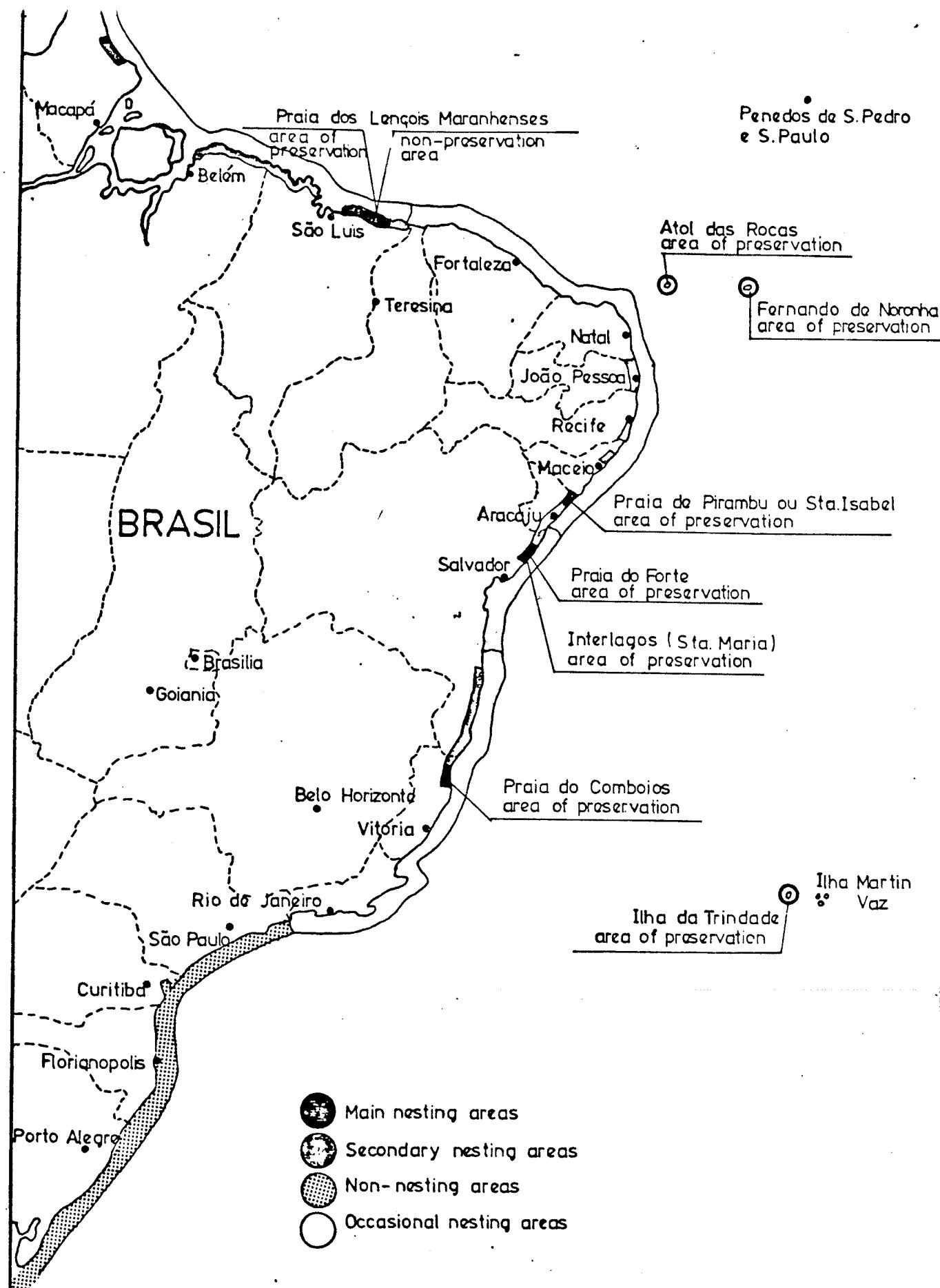
The PROJETO TAMAR (Sea Turtle Project), after a 2 year detailed survey, elected the most important sites for the preservation of these animals as following:

### On the Coastline:

- The Lencóis Maranhenses National Park Beaches, Barreirinhas, State of Maranhão.
- The Santa Isabel Biological Reservation, Pirambu, State of Sergipe.
- Praia do Forte Beach and adjacent areas, Mata de São João, State of Bahia.
- Santa Maria Beach (Parque Interlagos Condominium), Camaçari, State of Bahia.
- The Biological Reservation of Comboios, Linhares, State of Espírito Santo.

### On the Ocean Islands:

- Biological Reservation of Atol das Rocas, State of Rio Grande do Norte.
- The Fernando de Noronha Federal Territory Archipelago.
- Ilha da Trindade, State of Espírito Santo.



MARINE TURTLE PROGRAM – TAMAR –  
NESTING BEACHES

## BIOLOGICAL RESERVATION OF SANTA ISABEL

Pirambu Beach places about 30 km, on straight line, to the north of Aracaju, the capital os Sergipe. It is a 42 km long beach limited by the mouths of the Japaratuba and Funil rivers; the major extention of its shoreline is non occupied by humans.

The main economical activities of this area are the coco haversting and fishing, so that the beach is transformed into a "living path" since it is the shortest way to the coco farms.

This fishing on the beach is rudimentary but aometimes trap nets are set and the emergence of the adult females is then perturbed as attested by incidental catch of *Caretta caretta* and *Lepidochelys olivacea* specimens.

The major problem, however, is caused by shrimp trawling boats that have caught several turtles.

Up to the settling of the TAMAR Preservation Program, in 1982, all the eggs were poached by local inhabitants and vacationists. They were very appreciated as appetizers and were largely sold at local bars to accompany beer and cachaça (Brazilian white rum) drinking.

One of the local people habits, that has probably contributed for the non total vanishing of sea turtles in this region, is that of "never" slaughtering a female turtle when nesting.

Two species are known to nest on this beach: *Caretta caretta* and *Lepidochelys olivacea*. It is also the only place in Brazil where the latter occurs fairly constant.

Preservation now is applied by TAMAR in transplanting the nests to a fenced off beach hatchery yet intending to gradually let them "in situ".

The nesting season extends from september through march, presenting its peak in october, november and december.

In the last campaign, 107 nests were recorded: 47 for *Caretta caretta* and 60 for *Lepidochelys olivacea*. By now, the situation of the females is under control.

## PRAIA DO FORTE BEACH AND VICINITIES

It is located on the north of the State of Bahia, about 80 km N of Salvador, the capital. Four species of sea turtles are found nesting up there: *Caretta caretta*, *Eretmochelys imbricata*, *Lepidochelys olivacea* and *Chelonia mydas*.

The beach its is 13 km long, but the preservation activities extend to the neighbouring sites making up around 50 km of controlled area altogether. The human occupation is so far sparce with a trend to expantion. The local villages are summed five at all.

It is beeing required to the Institutions that are responsible for this area, under the auspices of the Brazilian law to at the mentioned shore line be transformed legally in any category of Conservation Unit, under TAMAR administration, that would sum up 60 kilometers.

The nesting season sets in from september through march with its peak for *Caretta caretta* in october, november and december whereas *Eretmochelys imbricata* has its main occurence from december through february.

Before TAMAR were stablished in the region (1982) all the eggs were harvested by local fishermen.

Until 1985/86 Campaign, all the nests were relocated to a hatchery. Last Campaign, 86/87, some nests were let "in situ" on purpose for testing people's reaction to that, specially those old poachers. Since the results were satisfactory, counting no depredation, the Program forsees a gradual augment of this practice until all non doomed nests can be managed on the beach.

The record for the past campaign registered 216 nests for *Caretta caretta*, 57 for *Eretmochelys imbricata*, 3 for *Chelonia mydas* and 4 for *Lepidochelys olivacea*.

## SANTA MARIA BEACH (Parque Interlagos Condominium)

It is 45 km far north from Salvador, State of Bahia, and extends for 5 km long nesting beach for the same four species as in Praia do Forte. Breeding season and peaks of nesting coincide with those mentioned above as well as the preservation techniques.

The beachside is occupied by vacational residences along its first kilometer (south to north) where the house owners themselves started protecting the nestings. The first step then was contacting to TAMAR for help and technical orientation.

In the last term it was recorded 25 nests for *Caretta caretta*, 9 for *Eretmochelys imbricata* and 1 for *Lepidochelys olivacea*. None for *Chelonia mydas*.

This area stands up for its relative nesting density in spite of the several houses along its border.

## BIOLOGICAL RESERVATION OF COMBOIOS

This reservation is situated on the north of the State of Espírito Santo about 100 km far from Vitória, the capital. It bears a 17 km long beach, however TAMAR extends its work over about 40 km of breeding sites.

The area is occupied in the intervals that correspond to the two existing villages: Regência (with approximately 500 inhabitants) and Povoação (about the same population), limiting to its south boundary with an Indian Reservation.

It is the only known nesting site for *Dermochelys coriacea* in Brazil. *Caretta caretta* shares the same beaches and only in the past campaign a *Eretmochelys imbricata* nesting was accounted.

The nesting period also extends from september through march for both species, with peak in october, november and december.

Before 1982, all the eggs in Comboios had been poached and the nesting females slaughtered by local villagers, fishermen and indians. After TAMAR had been set up the poaching ceased for some campaign 30% of the located nests were let "in situ" for test. the results proved satisfactory.

In all, during 86/87 program 190 nests were recorded for *Caretta caretta*, 43 for *Dermochelys coriacea* and a single one for *Eretmochelys imbricata*.

## FERNANDO DE NORONHA ARCHIPELAGO

As the other islands, Fernando de Noronha houses only *Chelonia mydas* nestings. It is 200 miles far from Recife, the capital of the State of Pernambuco. The nesting season stretches from december through march, with peak in january and february.

The island human population sums all up around 1.200 people. They used to harvest the eggs and the nesting females for long time before TAMAR started its preservation program on it.

Last term campaign accounted 37 nests on the Archipelago.

## ILHA DA TRINDADE

Trindade is a Brazilian Navy military Base. It is located 500 miles far from the mainland (State of Espírito Santo).

The cliffy and abrupt profile of the islands end in the majority to sandy beaches presenting different morphologies where *Chelonia mydas* nests in relative profusion. It may seems that it is the most important nesting site for this species in the Southeastern Atlantic.

Breeding season also stretches from december through march or april, with peak in january and february as on the other ocean islands.

Beeing a permanent manned military base it is the only known situation in Brazil that the nesting population has bot been altered by anthropogenic effects.

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## BIOLOGICAL RESERVATION OF ATOL DAS ROCAS

It is situated 114 miles from Natal, the capital of the State of Rio Grande do Norte, and comprehends two islands: Ilha do Farol and Ilha do Cemitério. The former, where most of the nestings occur, has a 1,0 km long for 0,5 km wide beach. The only nesting turtle over there is the *Chelonia mydas* emerging from december through march with its peak in january and february.

In 1982, during a tagging campaign, TAMAR registered 49 nestings on Ilha do Farol.

On this islands, even as a Biological Reservation, there is no effective preservation program owing to the difficulties in accessing to it and the lacking of financial resources. The atol is not inhabitted but it receives a great afflux of professional and amator fishmen, and campers that exploit the reservation in spite of the prohibition reckoned by law.

CURRENT LAWS OR REGULATIONS CONCERNING SEA TURTLES

M.A. Superintendência do Desenvolvimento da Pesca-SUDEPE (Brazil  
Fisheries Service)

Decree N-005 of 31<sup>st</sup> of January, 1986

The Superintendent of Fishery Development-SUDEPE in use  
of the proper attributions that are to him attested by Article 10,  
Section I of the Decree 73.632 of 31<sup>st</sup> of February, 1974 and according  
to the precept of the Article 33, Section 2 of the Decree law 221, of  
28<sup>th</sup> of February, 1987 and whatelse be mentioned in the Process  
S/08800/73,

RESOLVES:

Art. 1 - Forbid the catch of any sea turtle species.

SINGLE PARAGRAPH - It is forbidden to harm sea turtles  
in their breeding ground as well as to collect the eggs of these  
cheloniens.

Art. 2 - To the defaulters of the present Decree it will  
be applied the stated penalties according to Decree low nº 221 of  
28<sup>th</sup> of February, 1967 and anyelse complementary legislation.

Art. 3 - The present Decree will be in vigor in the date  
of its first official publication. The contrary dispositions are  
then revoked, specially the Decree n-005 of 7th of February, 1984.

PETRONILO SANTA CRUZ DE OLIVEIRA  
The Superintendent

## TURTLE EXPLOITATION

There is no organized turtle flesh and by products commerce in Brazil except for some costume jewelry made up of tortoiseshell, specially from hawksbill carapace that receives the vernaculars "tartaruga de pente, tartaruga verdadeira, tartaruga de escama, tartaruga legítima, careba de pente, casco vinho and tartaruga imbricata". They are sold with relative frequency in the coastal capitals of the northeastern region acquiring good prices at some sophisticated and fancy shops. N.B. Such commerce is considered illegal but the lack of inspection, and neglect by the Authorities has not impeded its practice.

It is also common to find green turtle flesh on sale that is ordered as "aruana, tartaruga verde, tartaruga pedrês, suanhã, tartaruga do mar, tartaruga comum, etc." However the prices are not steady as for fishes, but usually lower than those.

In some coastal areas the turtle market is not developed on regard of local customs.

There is the sale of salty turtle meat, generally at pop prices, that are taken to the interior of the northeastern region where the most destitute people of the country concentrate.

The turtle soup, in few occasions, is found at popular restaurants that in most cases explore only its flesh. It is not known in Brazil the manufacturing of sea turtle leather or other by products, with exception of the carapace that besides of being handcrafted into rings, bangles, bracelets, etc. they are also used as decorative motives for residences and commercial enterprises.

## IMPORTANT SEA TURTLE FORAGING AREAS

Hundreds of juveniles, mainly of *Chelonia mydas*, die stranded in trawling or fixed fishing nets per day. These individuals and subadults are encountered feeding along the coast of Brazil from the State of Rio Grande do Sul up to the State of Amapa.

Places like Camocim, State of Ceará; Pontal do Peba, State of Alagoas; Praia do Forte, Northern Bahia; Curumuxatiba, Southern Bahia and Conceição da Barra, Northern Espírito Santo are comproved sea turtle feeding grounds. There are some feeding banks in the States of Ceará, Pernambuco, Alagoas and Bahia where the turtles are caught on purpose.

It is of great interest to do a more detailed survey on feeding pastures in Brazil and apply on them Research and Protection Programs. Thus far, TAMAR has only centered work to the nesting sites.

There are recoveries of *Chelonia mydas* tagged on the Ascencion Island grazing on the coastline of Brazil.

LIST OF ALL PERSONS OR  
OFFICES RESPONSIBLE FOR  
SEA TURTLE CONSERVATION

Oceanógrafo

GUY GUAGNI DEI MARCOVALDI

Coordenador Nacional do Programa Brasileiro  
para Conservação das Tartarugas Marinhas-Projeto TAMAR  
Av. Juracy Magalhães Jr., nº 608 - Rio Vermelho  
40.000 - Salvador - Bahia - Brasil

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Oceanógrafa

M. ÂNGELA AZEVEDO G. DEI MARCOVALDI

Executora do Projeto TAMAR no Estado da Bahia,  
Lider Trabalhos de Campo.  
Av. Juracy Magalhães Jr., nº 608 - Rio Vermelho  
40.000 - Salvador - Bahia - Brasil

---

Oceanógrafo

JOÃO CARLOS ALCIATTI THOMÉ

Executor do Projeto TAMAR no  
Estado do Espírito Santo  
Av. Marechal Mascarenhas de Moraes, nº 2487  
29.000 - Vitória - Espírito Santo - Brasil

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Biólogo

MESMER DA SILVA FERREIRA

Executor do Projeto TAMAR no  
Estado de Sergipe  
Rua Campo do Brito, nº 717 - Bairro São José  
49.000 - Aracajú - Sergipe - Brasil

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Biólogo

EDMUNDO FREITAS

Executor do Projeto TAMAR

Base de Interlagos - Bahia

Av. Juracy Magalhães Jr., 608 - Rio Vermelho

40.000 - Salvador - Bahia - Brasil

---

Oceanógrafo

ALEXANDRE FILIPPINI

Executor do Projeto TAMAR em

Fernando de Noronha - T.F.F.N.

Projeto TAMAR - Fernando de Noronha

53.990 - Território Federal de Fernando de Noronha - Brasil

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Oceanógrafo

HELIO BULHÕES

Executor do Projeto TAMAR na

Ilha de Trindade

Rua Miguel de Frias nº 95, Aptº 202 - A

24.000 - Niterói - Rio de Janeiro - Brasil

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Bióloga

LUCIA HELENA DE OLIVEIRA

Representante do Projeto TAMAR na

Administração Central no IBDF

SBN - Ed. Palácio do Desenvolvimento - 12º andar

70.057 - Brasília - Distrito Federal - Brasil

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## COMMENTS AND OTHER INFORMATIONS

Besides field work TAMAR develops at all its bases an Educational Program by means of slides projection, posters, folders, video cassette film playing along with lectures and donation of T-shirts printed on with Sea Turtle preservation motives.

During the 2 years survey along the coastline of Brazil it was comproved that the majorities the egg poaching carried out by local people was on account of the total lack of information and awareness about the problem besides of its subsistence use.

For several times the eggs were not taken away but the nest would be dug out and the upper sand layers removed exposing the eggs to the sun heat and drought. So, the best technique to resolve the problem was hiring the most "expert" egg collector fishermen that used to act on the work beaches. Each member now is responsible for a 3 to 4 km long patrol area that corresponds to his own steady fishing territory.

That has proved successful as educational aim since not only provides it financial aid to the referred villagers (TAMAR has now about 50 employees) but it also leads the fishermen themselves to pass out the preservation message, in a popular manner, to their friends and relatives.

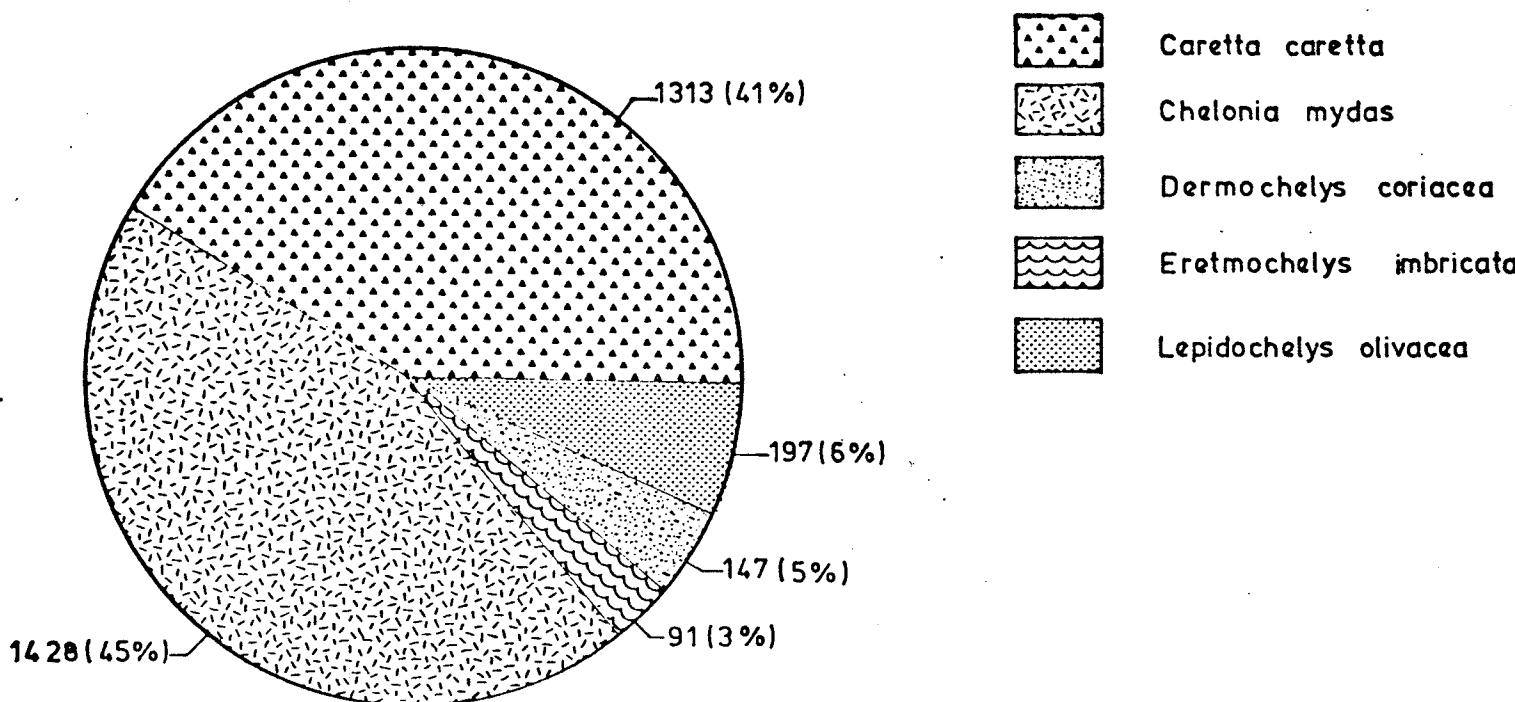
TAMAR staff assists the local communities, as possible, in terms of hitch-hikes to remote places on the work beaches and other workaday help.

It is important to point out that on the older bases of TAMAR the sea turtles are utterly integrated to the children quotidian at the Elementary Schools as compositions, drawings, knowledge contests, and pop plays characters.

There are also small tanks (about 10.000 liters each) where few little turtles are reared for outsiders - and children visiting in order to show them the individuals of different local turtle species in their several growth sizes, and to prompt them a direct view on the rarely seen living animal.

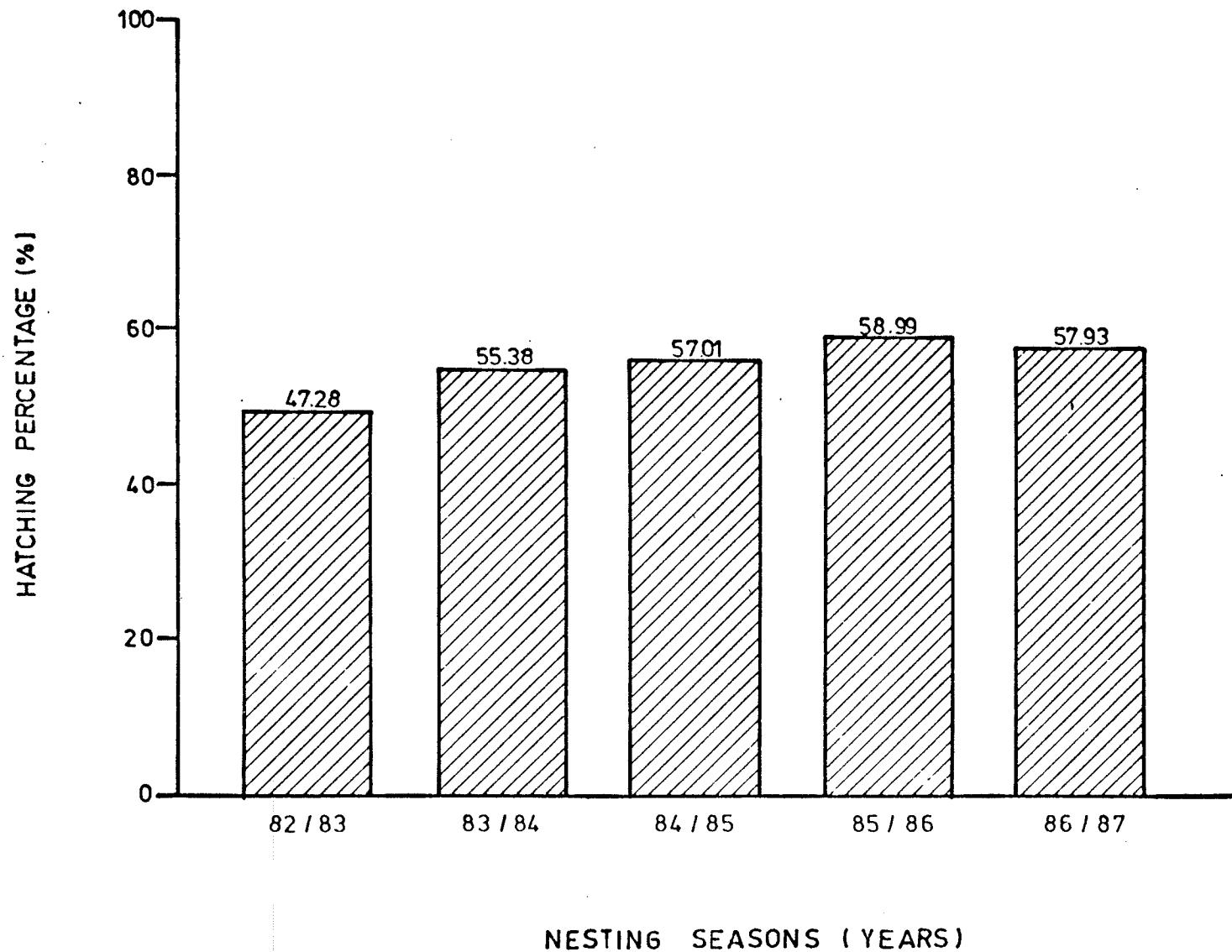
# TAMAR - BRASIL

Number of crawls / Specie



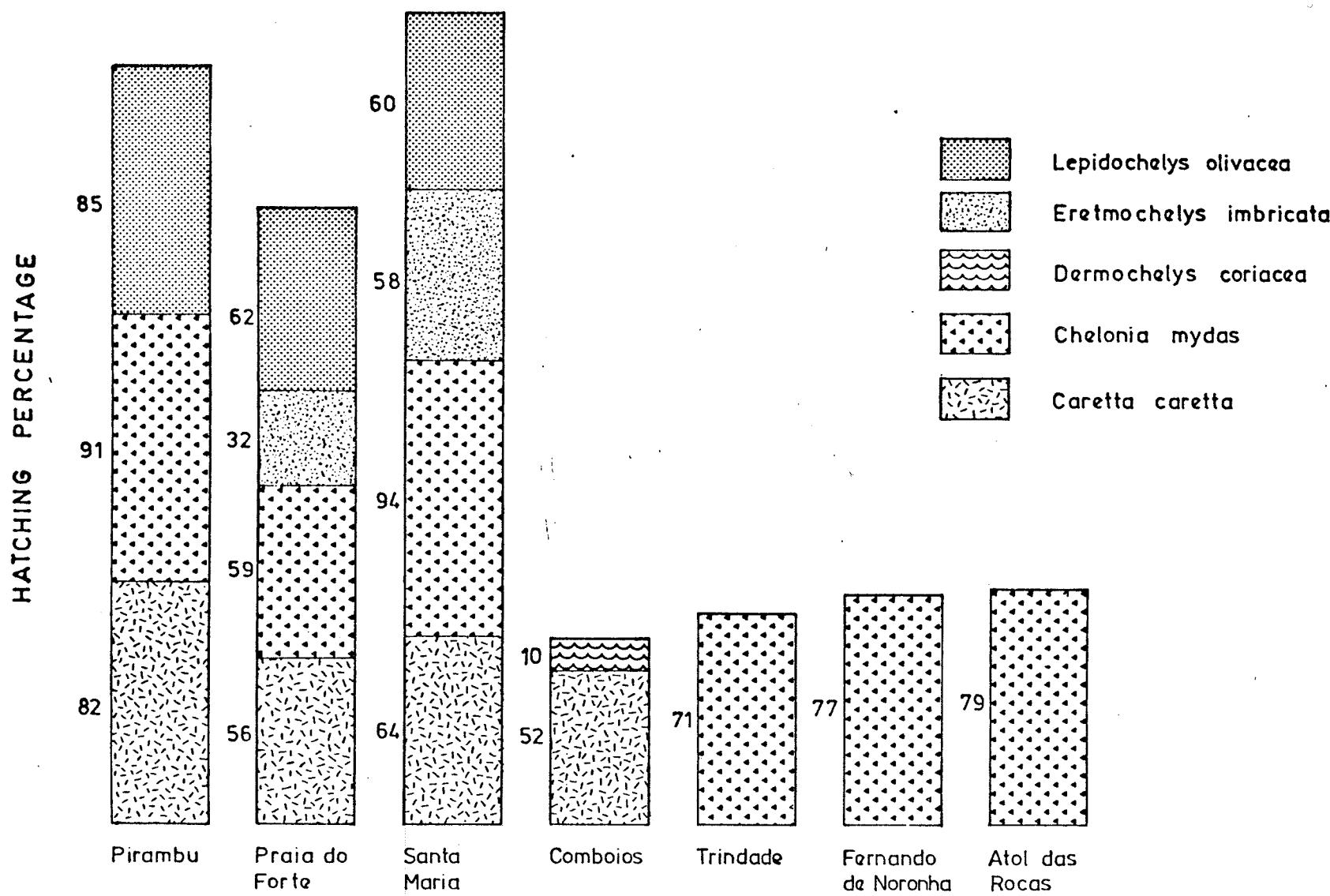
1982 to 1987

**TAMAR - BRASIL**  
Hatching percentage / Nesting season

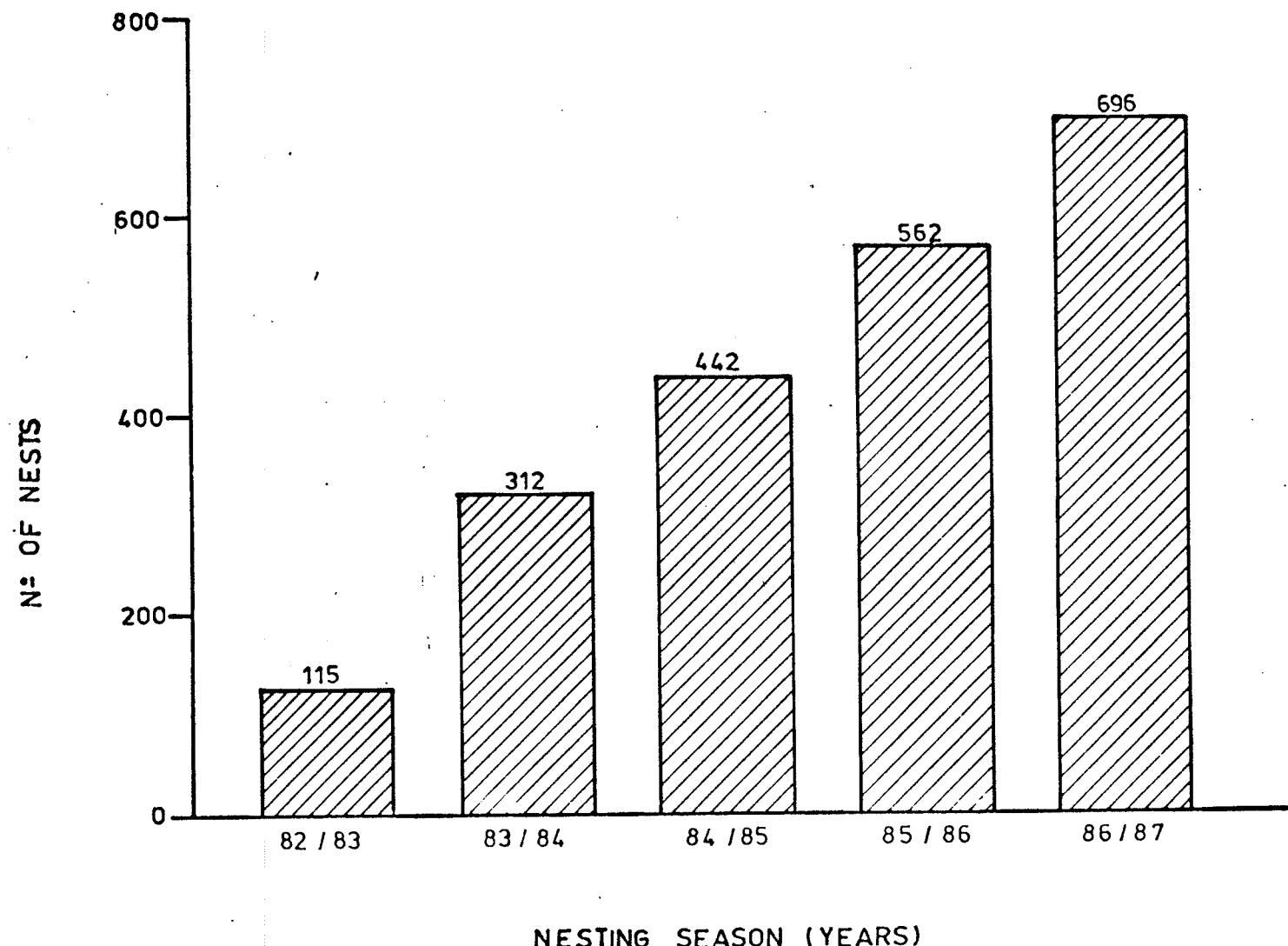


# T A M A R - B R A S I L

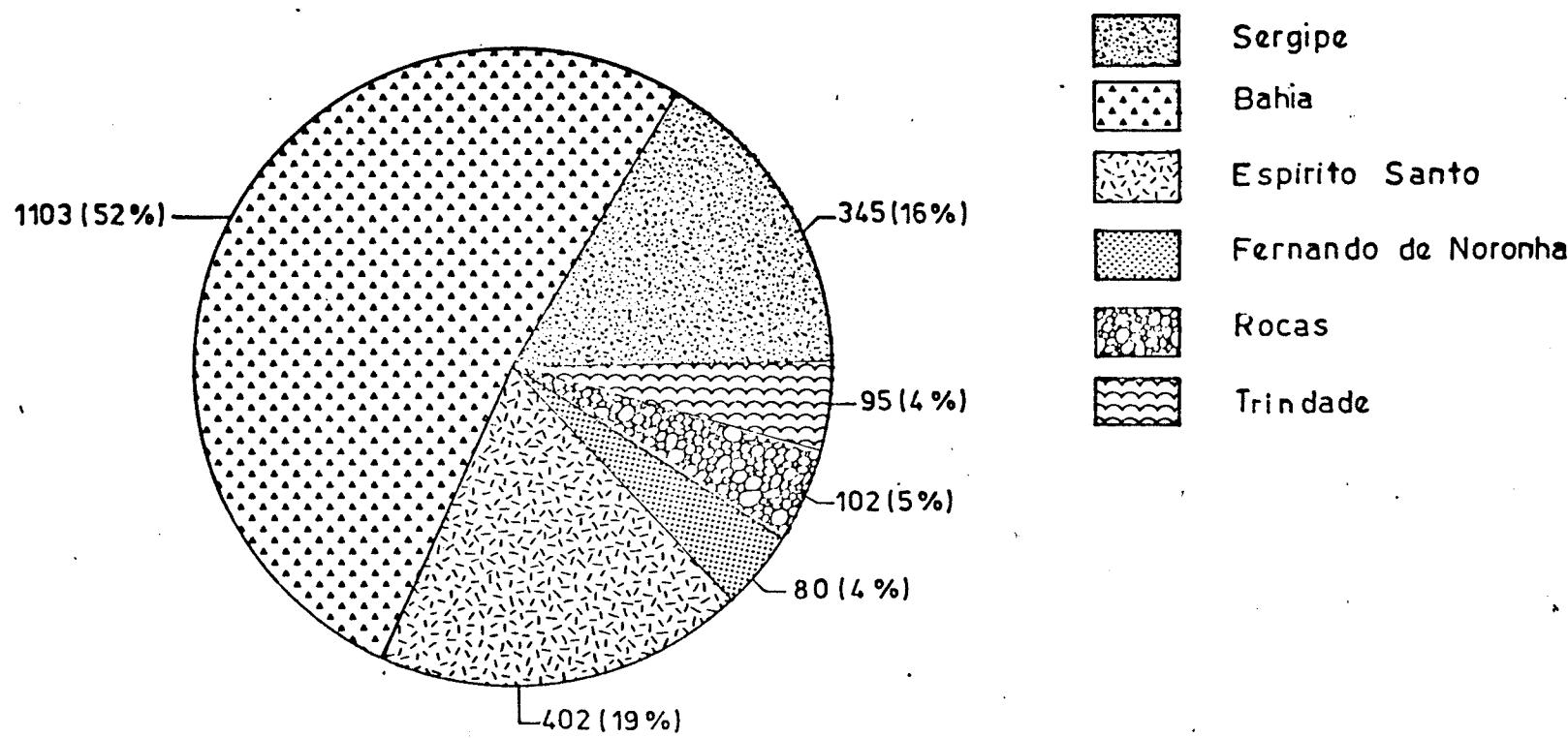
## Coastline and Oceanic Islands



**TAMAR – BRASIL**  
Recorded nests / Nesting seasons (1982 to 1987)

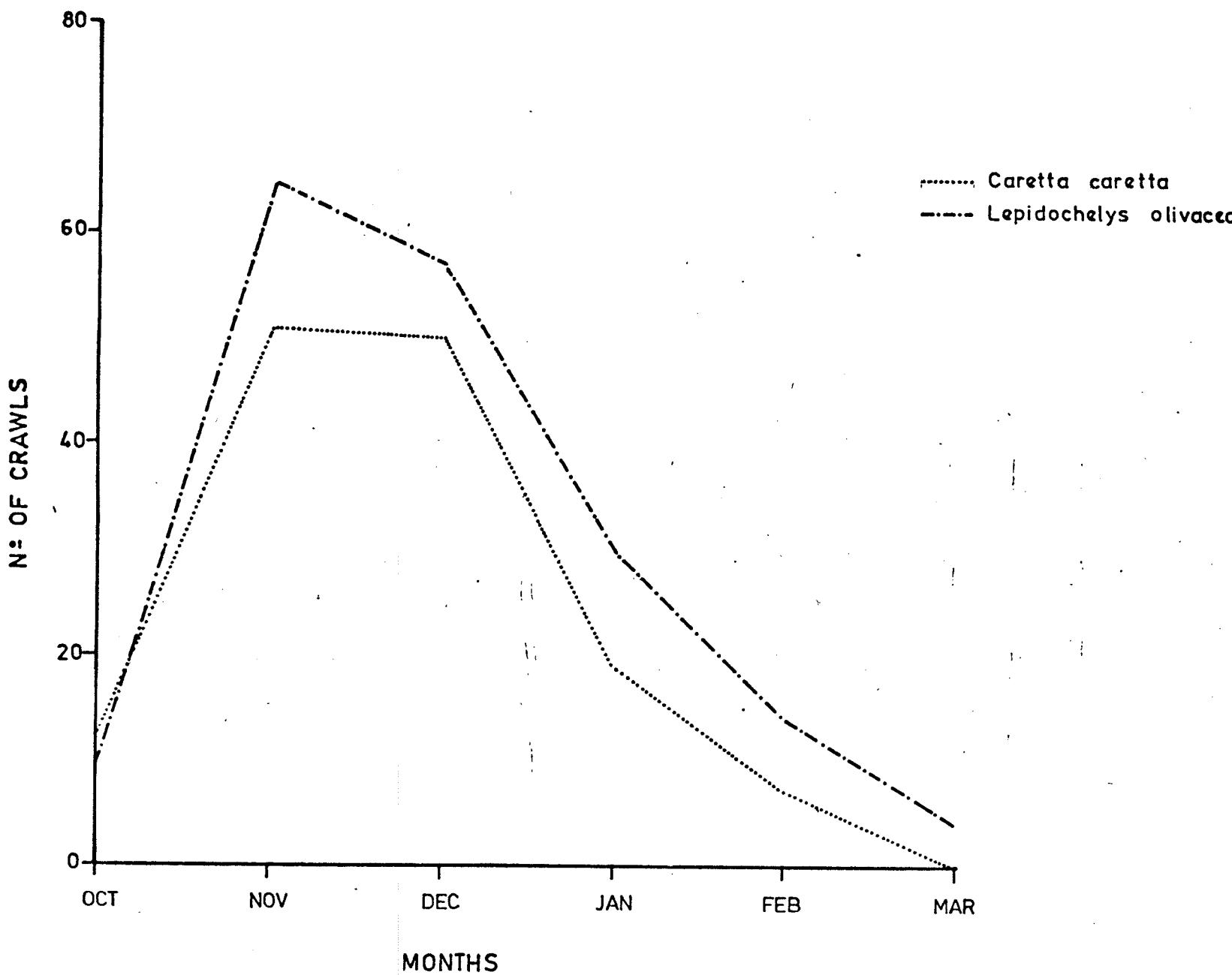


TAMAR - BRASIL  
Recorded Nests / Area

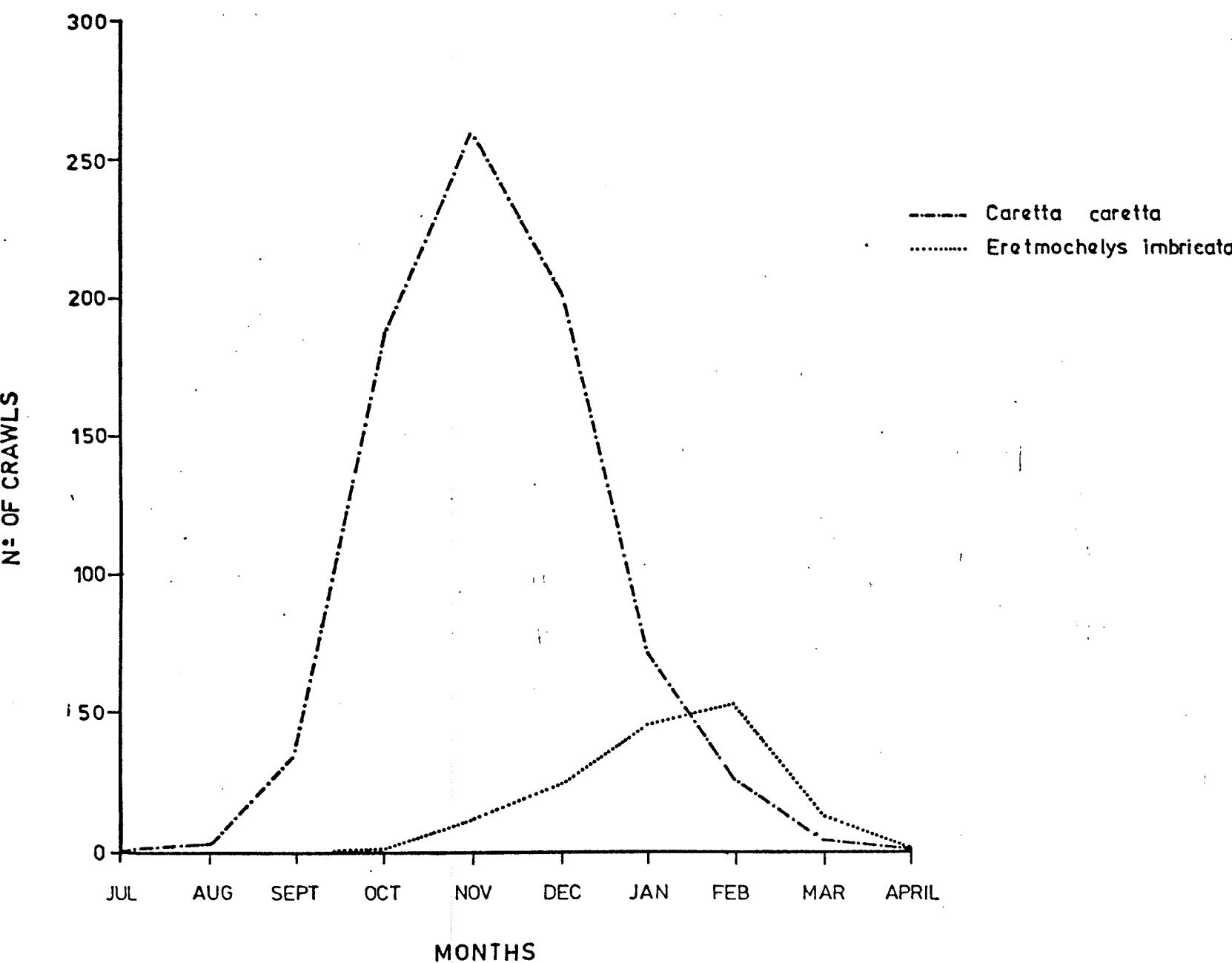


1982 to 1987

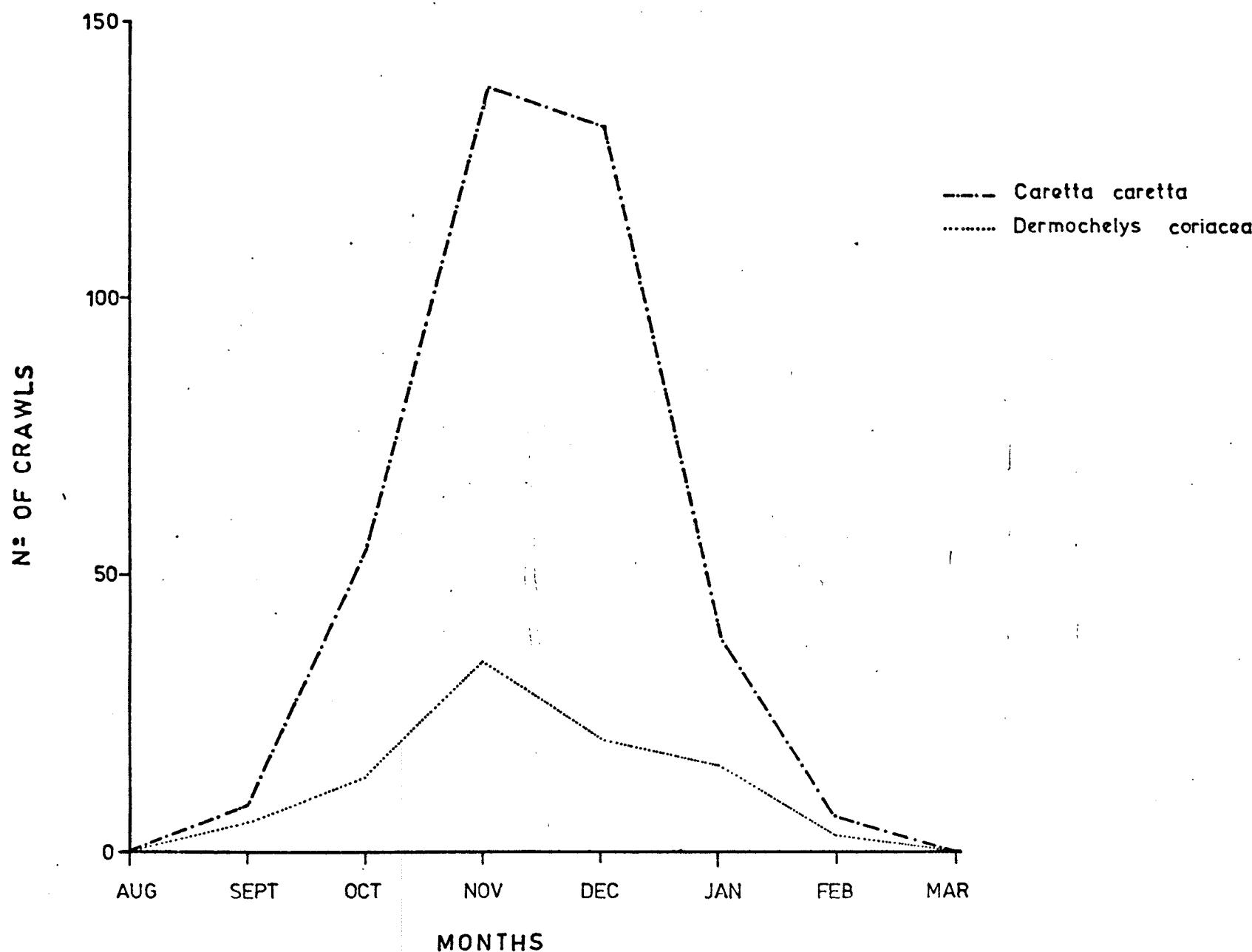
**TAMAR - BRASIL - BIOLOGICAL RESERVATION OF PIRAMBU -**  
**Caretta caretta e Lepidochelys olivacea (1982 to 1987)**



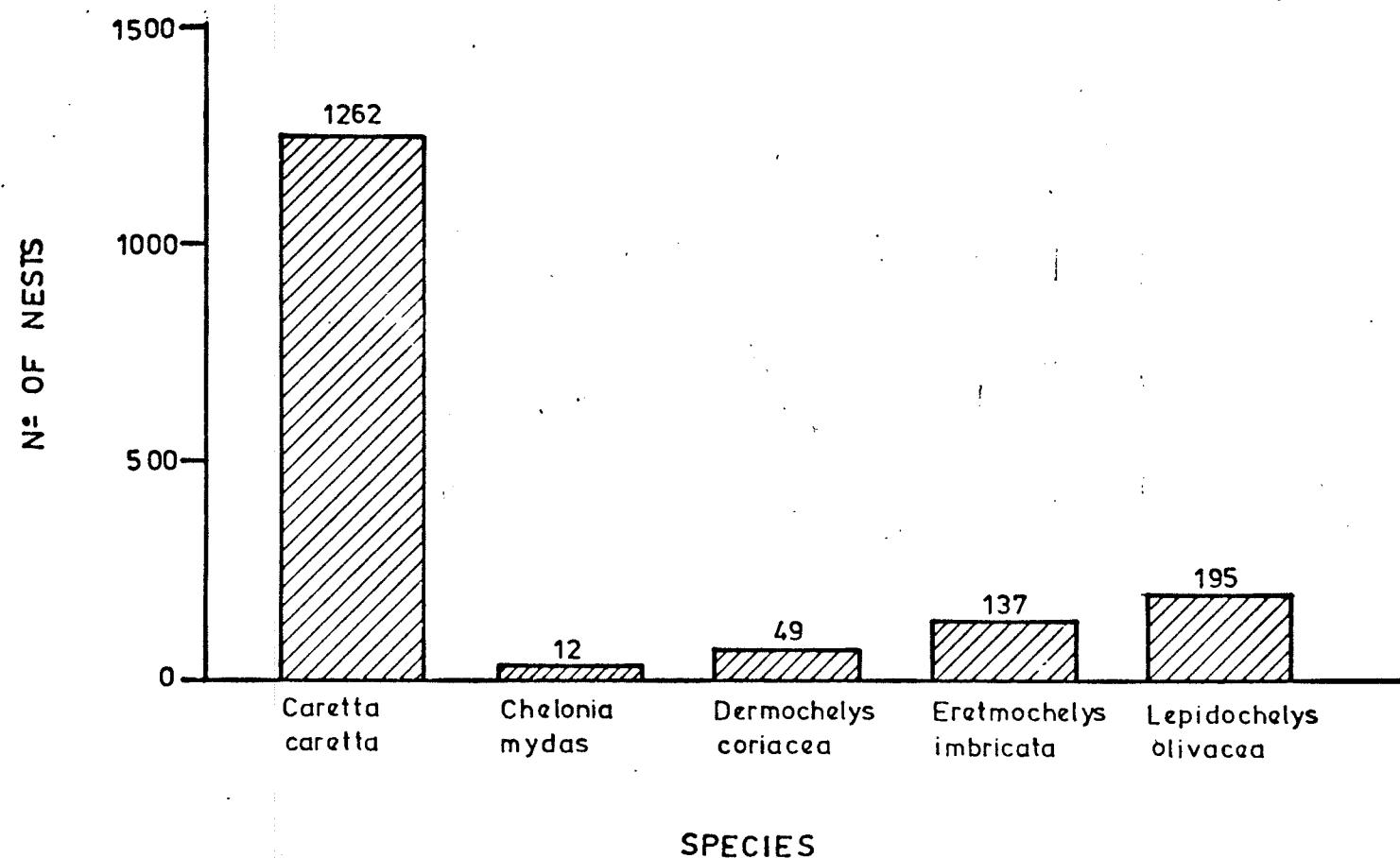
**IAMAR - BRASIL - NORTH COAST OF BAHIA -**  
**Caretta caretta e Eretmochelys imbricata (1982 to 1987)**



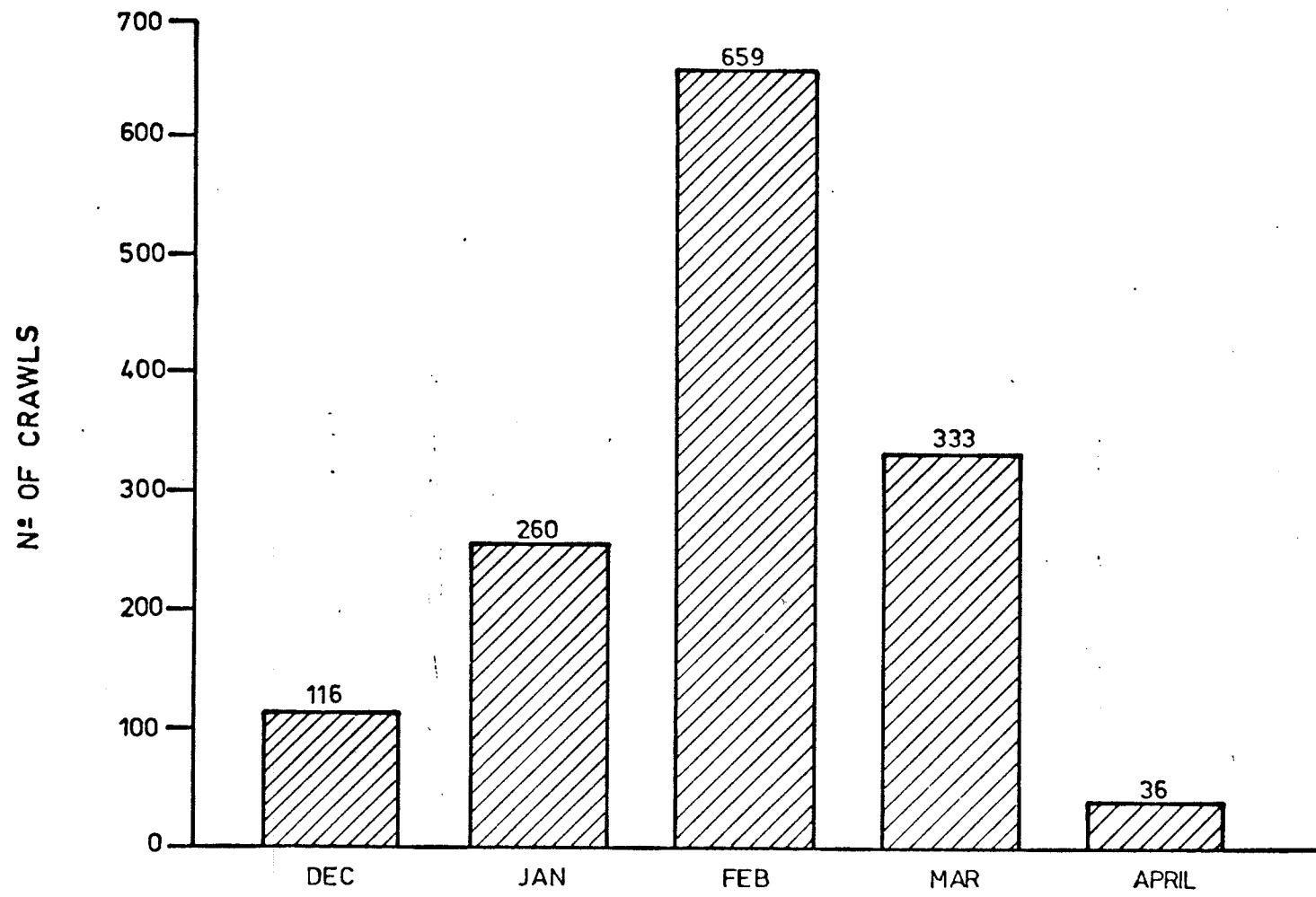
**TAMAR - BRASIL - BIOLOGICAL RESERVATION OF COMBOIOS -**  
**Caretta caretta e Dermochelys coriacea (1982 to 1987)**



**TAMAR - BRASIL COASTLINE**  
**Nests / Species ( 1982 to 1987 )**

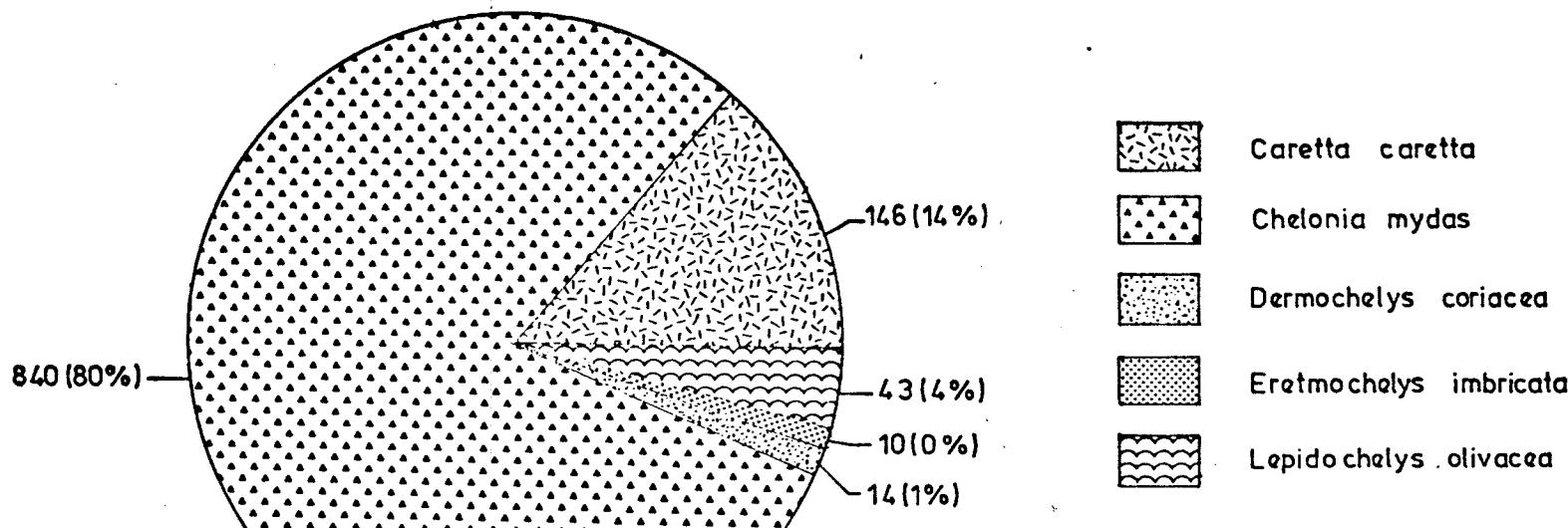


TAMAR - BRASIL (OCEANIC ISLANDS)  
*Chelonia mydas* ( 1982 / 1983 to 1986/1987 )



( MONTHS 82 / 83 to 86 / 87 )

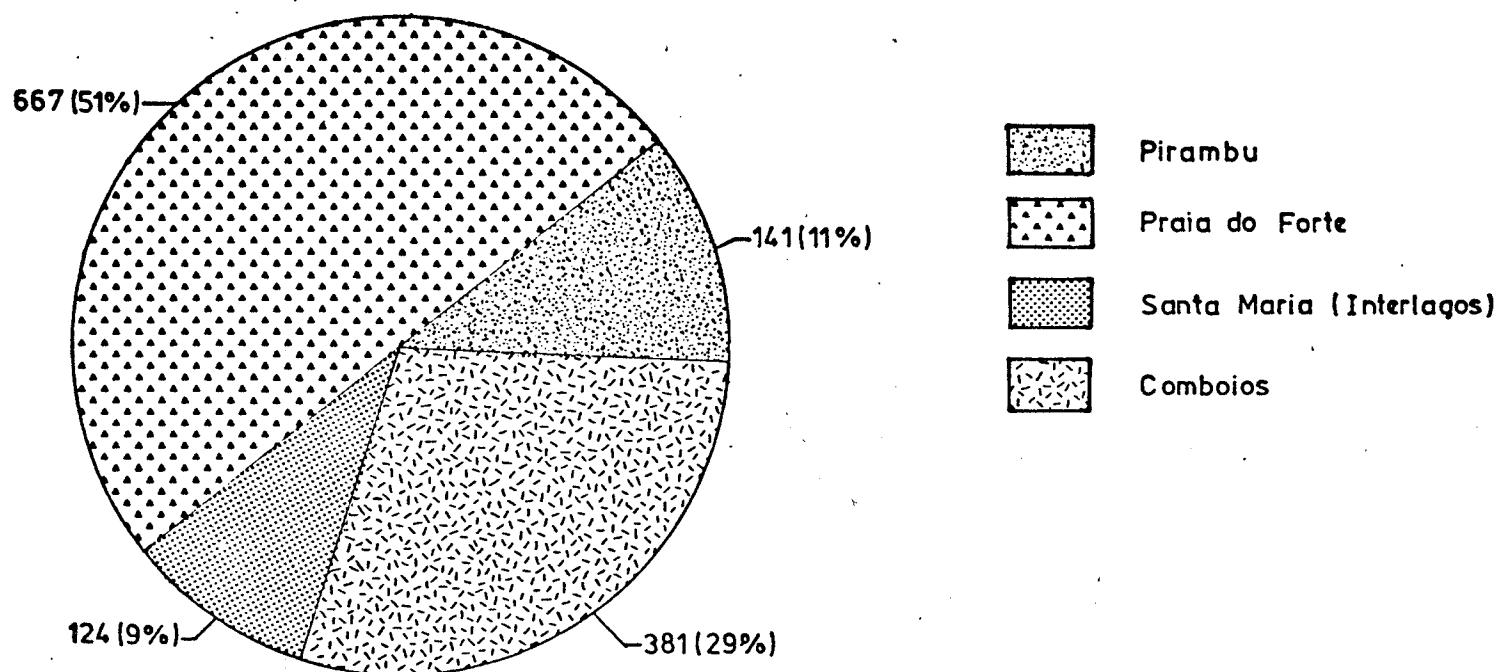
TAMAR BRASIL  
Tagged turtles / Specie



1982 to 1987

# T A M A R — B R A S I L

Coastline / Nº of crawls of *C. caretta*



1982 to 1987

## ILHA DA TRINDADE

Trindade is a Brazilian Navy military Base. It is located 500 miles far from the mainland (State of Espírito Santo).

The cliffy and abrupt profile of the islands end in the majority to sandy beaches presenting different morphologies where *Chelonia mydas* nests in relative profusion. It may seems that it is the most important nesting site for this species in the Southwestern Atlantic.

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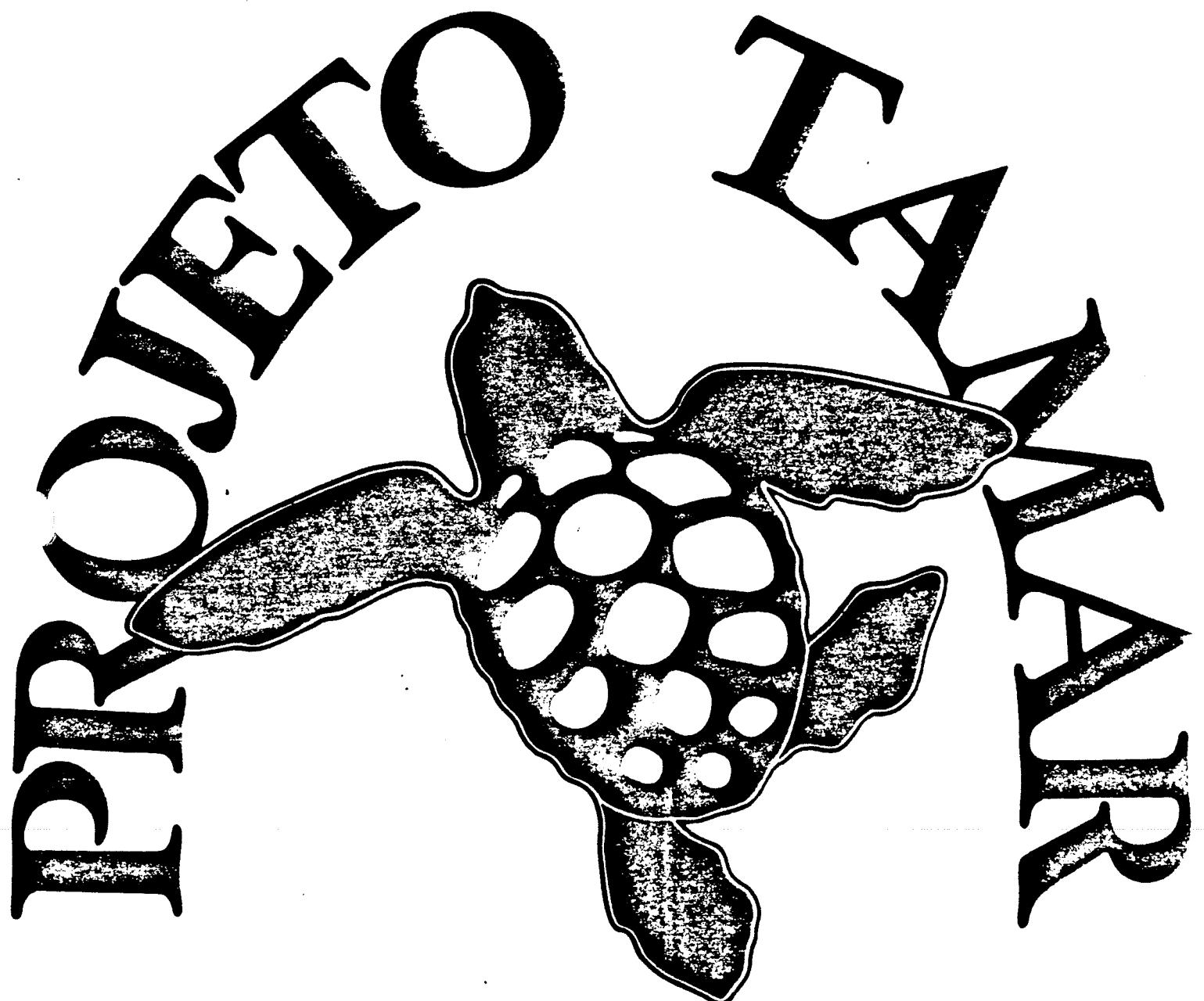
#### ACKNOWLEDGMENT

To the WATS II Members for the opportunity of showing our results to the International Scientifical Community.

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**EIA**

**IBDF BRASIL**

WATS II SEA TURTLE SURVEY DATA FORMS  
TAMAR PROJECT - BRAZIL

NOTES:

- Each beach name filled out in the forms corresponds to an assemblage of beaches of a single managing area or base.
- Only the last campaign of each so called base is reported.
- The symbol "\*", in pencil, before the tag number means old tag from the same campaign (renester) whereas the symbol "0" means old tag from previous years campaign (remigrant).
- Some tagged turtles were caught more than once emerging onto different beach sections at the same night or even week before oviposition.
- Some real nests were neither transplanted nor managed.
- Some taggings were applied before egg laying, so it was not possible to check out if turtles had oviposited or not.

**WATS II SEA TURTLE SURVEY DATA FORM**

**TABLE III. NESTING BEACH INVENTORY**

List Beaches in geographic sequence. Provide additional information on an attached page. Please list each species that occurs on beach on a separate line even if months of occurrence are the same.

COUNTRY BRASIL

**STATE** ESPIRITO SANTO

RECORDER

\*Cc = Caretta caretta; Cm = Chelonia mydas; Dc = Dermochelys coriacea; Ei = Eretmochelys imbricata; Lk = Lepidochelys kempi; L = Lepidochelys olivacea; U = Unknown

MATS II SEA TURTLE SURVEY DATA FORMS  
TAMAR PROJECT - BRAZIL - 1986/87  
BEACH: COMBOIOS

NEST NESTING DATE 1.TIME 2.SPECIES 3.TAG NUMBER 4.CAR.LENGTH 5.EGGS 6.EMC.DATE 7.HATCHLINGS 11.RELOCATED

1 09/04/86	Caretta caretta	0	0.00	119	11/21/86	50 N
1 09/10/86	Dermochelys coriacea	0	0.00	136	11/29/86	70 Y
0 09/21/86	Dermochelys coriacea	0	0.00	0	/ /	0
0 09/21/86	Dermochelys coriacea	0	0.00	0	/ /	0
0 09/21/86	UK	0	0.00	0	/ /	0
0 09/22/86	Dermochelys coriacea	0	0.00	0	/ /	0
0 09/23/86	Dermochelys coriacea	0	0.00	0	/ /	0
2 09/24/86	Caretta caretta	0	0.00	137	12/05/86	92 Y
3 09/24/86	Caretta caretta	0	0.00	142	12/05/86	92 Y
4 09/27/86	Caretta caretta	0	0.00	124	12/11/86	41 Y
5 09/29/86	Caretta caretta	0	0.00	141	12/07/86	37 Y
6 09/29/86	Caretta caretta	0	0.00	147	12/06/86	53 Y
0 10/05/86	09:00	Caretta caretta	0	0.00	0	/ /
0 10/06/86	Caretta caretta	0	0.00	0	/ /	0
0 10/08/86	Dermochelys coriacea	0	0.00	0	/ /	0
7 10/03/86	07:15	Caretta caretta	0	0.00	146	12/06/86
0 10/12/86	Dermochelys coriacea	0	0.00	0	/ /	0
0 10/12/86	Dermochelys coriacea	0	0.00	0	/ /	0
0 10/13/86	Caretta caretta	0	0.00	0	/ /	0
0 10/13/86	Dermochelys coriacea	0	0.00	0	/ /	0
9 10/03/86	Caretta caretta	0	0.00	127	12/15/86	113 Y
13 10/05/86	09:20	Caretta caretta	0	0.00	135	12/16/86
0 10/18/86	Dermochelys coriacea	0	0.00	0	/ /	0
9 10/10/86	Caretta caretta	0	0.00	127	12/17/86	113 Y
0 10/19/86	Dermochelys coriacea	0	0.00	0	/ /	0
10 10/11/86	Caretta caretta	0	0.00	124	12/19/86	87 Y
0 10/21/86	Caretta caretta	0	0.00	0	/ /	0
0 10/21/86	Caretta caretta	0	0.00	0	/ /	0
0 10/21/86	00:42	Caretta caretta	0	0.00	0	/ /
11 10/11/86	Caretta caretta	0	0.00	161	12/19/86	87 Y
0 10/21/86	Dermochelys coriacea	0	0.00	0	/ /	0
0 10/23/86	Caretta caretta	0	0.00	0	/ /	0
12 10/13/86	Caretta caretta	0	0.00	122	12/21/86	48 Y
0 10/25/86	Caretta caretta	0	0.00	0	/ /	0
15 10/17/86	Caretta caretta	0	0.00	146	12/23/86	5 Y
0 10/28/86	Caretta caretta	0	0.00	0	/ /	0
0 10/29/86	Caretta caretta	0	0.00	0	/ /	0
0 10/29/86	Caretta caretta	0	0.00	0	/ /	0
14 10/16/86	Caretta caretta	0	0.00	151	12/23/86	76 Y
0 10/31/86	Caretta caretta	0	0.00	0	/ /	0
0 10/31/86	Dermochelys coriacea	0	0.00	0	/ /	0
0 11/01/86	Caretta caretta	0	0.00	0	/ /	0
0 11/01/86	Dermochelys coriacea	0	0.00	0	/ /	0
0 11/01/86	05:30	Dermochelys coriacea	4406	1.67	0	/ /
0 11/01/86	Dermochelys coriacea	0	0.00	0	/ /	0
0 11/01/86	Dermochelys coriacea	0	0.00	0	/ /	0
0 11/02/86	02:20	Dermochelys coriacea	4406	1.67	0	/ /
0 11/04/86	04:07	Dermochelys coriacea	4406	1.67	0	/ /

WATS II SEA TURTLE SURVEY DATA FORMS  
TAMAR PROJECT - BRAZIL - 1986/87  
BEACH: COMBOIOS

NEST	NESTING DATE	1.TIME	2.SPECIES	3.TAG NUMBER	4.CAR.LENGTH	5.EGGS	6.EMB.DATE	7.HATCHLINGS	11.RELOCATED
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16	10/20/86	01:20	Caretta caretta	4414	0.98	146	12/21/86		B1 Y
	0 11/05/86		Caretta caretta	0	0.00	0	/ /		0
	0 11/05/86		Caretta caretta	0	0.00	0	/ /		0
	0 11/05/86		Caretta caretta	0	0.00	0	/ /		0
	0 11/05/86		Dermochelys coriacea	0	0.00	0	/ /		0
	0 11/05/86	05:18	Dermochelys coriacea	4406	1.67	0	/ /		0
	0 11/05/86		UK	0	0.00	0	/ /		0
	0 11/05/86		UK	0	0.00	0	/ /		0
24	10/13/86	07:30	Dermochelys coriacea	0	0.00	128	01/05/87		95 N
17	10/20/86	02:36	Caretta caretta	0	0.00	136	12/23/86		96 Y
	0 11/07/86		Caretta caretta	0	0.00	0	/ /		0
	0 11/07/86		Dermochelys coriacea	0	0.00	0	/ /		0
	0 11/07/86		Dermochelys coriacea	0	0.00	0	/ /		0
	0 11/07/86		Dermochelys coriacea	0	0.00	0	/ /		0
18	10/21/86		Caretta caretta	0	0.00	147	12/23/86		B9 Y
19	10/21/86		Caretta caretta	0	0.00	112	12/25/86		53 Y
27	10/15/86		Caretta caretta	0	0.00	119	12/24/86		115 N
20	10/22/86		Dermochelys coriacea	0	0.00	144	12/31/86		55 Y
0	11/12/86		Dermochelys coriacea	0	0.00	0	/ /		0
0	11/12/86		Dermochelys coriacea	0	0.00	0	/ /		0
29	10/16/86		UK	0	0.00	0	/ /		0 N
21	10/24/86		Caretta caretta	0	0.00	167	12/25/86		105 Y
22	10/24/86		Caretta caretta	0	0.00	165	12/23/86		132 Y
23	10/25/86		Caretta caretta	0	0.00	120	12/31/86		25 Y
0	11/17/86		Caretta caretta	0	0.00	0	/ /		0
31	10/18/86		Caretta caretta	0	0.00	41	/ /		15 N
32	10/18/86		Caretta caretta	0	0.00	146	12/12/86		B9 Y
0	11/19/86		Dermochelys coriacea	0	0.00	0	/ /		0
24	10/27/86		Caretta caretta	0	0.00	142	12/26/86		75 Y
0	11/20/86		Dermochelys coriacea	0	0.00	0	/ /		0
0	11/20/86		Dermochelys coriacea	0	0.00	0	/ /		0
25	10/26/86		Caretta caretta	0	0.00	147	12/28/86		123 Y
0	11/22/86		Caretta caretta	0	0.00	0	/ /		0
26	10/25/86		Caretta caretta	0	0.00	164	12/28/86		45 Y
27	10/29/86		Caretta caretta	0	0.00	160	12/28/86		131 Y
14	11/11/86		Caretta caretta	0	0.00	131	01/12/87		105 N
28	10/30/86	00:01	Caretta caretta	4404	1.01	134	01/03/87		63 Y
36	10/21/86	00:21	Caretta caretta	0	0.00	0	/ /		0 N
29	10/30/86	03:15	Caretta caretta	4405	1.01	133	12/30/86		103 Y
39	10/21/86	00:29	Caretta caretta	0	0.00	0	/ /		0 N
30	10/30/86		Caretta caretta	0	0.00	150	12/30/86		75 Y
0	11/29/86		Dermochelys coriacea	0	0.00	0	/ /		0
31	10/31/86		Dermochelys coriacea	0	0.00	133	01/05/87		47 Y
32	11/01/86		Caretta caretta	0	0.00	110	01/02/87		18 Y
33	11/01/86		Caretta caretta	0	0.00	120	01/04/87		66 Y
34	11/03/86	05:25	Caretta caretta	0	0.00	156	01/02/87		70 Y
0	12/07/86		Caretta caretta	0	0.00	0	/ /		0
45	10/24/86		Caretta caretta	0	0.00	0	/ /		0 N
35	11/04/86	03:00	Caretta caretta	0	0.00	139	01/05/87		75 Y

WATS II SEA TURTLE SURVEY DATA FORMS  
TAMAR PROJECT - BRAZIL - 1986/87  
BEACH: COMBODIOS

NEST NESTING DATE 1.TIME 2.SPECIES

3.TAG NUMBER 4.CAR.LENGTH 5.EGGS 6.EMG.DATE 7.HATCHLINGS 11.RELOCATED

47 10/24/86	Caretta caretta	0	0.00	0 / /	0 N
36 11/04/86	Caretta caretta	0	0.00	142 12/31/86	73 Y
37 11/04/86	Caretta caretta	0	0.00	138 01/04/87	41 Y
38 11/04/86	Caretta caretta	0	0.00	183 01/04/87	62 Y
39 11/05/86	Caretta caretta	4408	0.96	127 01/03/87	86 Y
40 11/06/86	Caretta caretta	0	0.00	140 01/06/87	93 Y
41 11/06/86	Caretta caretta	0	0.00	139 01/05/87	107 Y
0 12/18/86	Caretta caretta	0	0.00	0 / /	0
52 10/23/86	Caretta caretta	0	0.00	124 01/05/87	116 N
42 11/07/86	Caretta caretta	0	0.00	179 01/02/87	147 Y
43 11/07/86	Caretta caretta	0	0.00	114 01/05/87	67 Y
44 11/07/86	Caretta caretta	0	0.00	120 01/05/87	105 Y
45 11/08/86	Caretta caretta	0	0.00	131 01/05/87	79 Y
46 11/08/86	Caretta caretta	0	0.00	128 01/05/87	95 Y
47 11/08/86	Caretta caretta	0	0.00	168 01/04/87	147 Y
48 11/10/86	Caretta caretta	0	0.00	128 01/09/87	34 Y
49 11/10/86	Caretta caretta	4410	1.02	116 01/07/87	62 Y
50 11/10/86	Caretta caretta	4411	1.06	133 01/05/87	91 Y
51 11/10/86	Caretta caretta	0	0.00	77 01/09/87	22 Y
52 11/10/86	Caretta caretta	0	0.00	108 01/07/87	52 Y
53 11/11/86	Caretta caretta	0	0.00	143 01/08/87	111 Y
54 11/14/86	Caretta caretta	0	0.00	128 01/12/87	55 Y
55 11/15/86	Caretta caretta	0	0.00	90 01/13/87	34 Y
56 11/15/86	Dermochelys coriacea	0	0.00	64 01/17/87	14 Y
57 11/15/86	Caretta caretta	0	0.00	130 01/16/87	26 Y
58 11/16/86	Caretta caretta	0	0.00	157 01/16/87	8 Y
59 11/17/86	Caretta caretta	0	0.00	121 01/14/87	58 Y
60 11/17/86	Caretta caretta	0	0.00	144 01/10/87	56 Y
61 11/17/86	Caretta caretta	0	0.00	160 01/11/87	70 Y
62 11/18/86	Caretta caretta	4425	0.99	70 01/12/87	62 Y
63 11/19/86	Dermochelys coriacea	0	0.00	99 01/19/87	36 Y
64 11/19/86	Caretta caretta	0	0.00	92 01/15/87	59 Y
65 11/20/86	Caretta caretta	0	0.00	144 01/14/87	68 Y
66 11/20/86	Dermochelys coriacea	0	0.00	140 01/21/87	43 Y
67 11/22/86	Caretta caretta	0	0.00	148 01/15/87	97 Y
68 11/22/86	Caretta caretta	0	0.00	113 01/16/87	63 Y
69 11/23/86	Caretta caretta	4415	0.99	120 01/16/87	67 Y
70 11/23/86	Caretta caretta	0	0.00	120 01/20/87	19 Y
71 11/23/86	Caretta caretta	0	0.00	144 01/20/87	64 Y
72 11/24/86	Caretta caretta	0	0.00	134 01/18/87	103 Y
73 11/25/86	Caretta caretta	0	0.00	159 01/18/87	82 Y
74 11/25/86	Caretta caretta	0	0.00	125 01/17/87	43 Y
75 11/25/86	Caretta caretta	0	0.00	131 01/20/87	81 Y
76 11/26/86	Caretta caretta	0	0.00	125 01/19/87	82 Y
77 11/26/86	Caretta caretta	0	0.00	112 01/20/87	86 Y
78 11/26/86	Caretta caretta	0	0.00	143 01/22/87	75 Y
79 11/26/86	Caretta caretta	0	0.00	82 01/22/87	45 Y
80 11/26/86	Caretta caretta	0	0.00	101 01/21/87	88 Y
81 11/27/86	Caretta caretta	0	0.00	90 01/24/87	12 Y

Page No. 4  
10/02/87

WATS II SEA TURTLE SURVEY DATA FORMS  
TAMAR PROJECT - BRAZIL - 1986/87  
BEACH: COMBOIOS

NEST NESTING DATE 1.TIME 2.SPECIES 3.TAG NUMBER 4.CAR.LENGTH 5.EGGS 6.EMG.DATE 7.HATCHLINGS 11.RELOCATED

82	11/28/86	Caretta caretta	4416	0.98	113	01/24/87	36	Y
83	11/28/86	Caretta caretta	0	0.00	143	01/23/87	62	Y
84	11/28/86	Caretta caretta	0	0.00	114	01/23/87	75	Y
86	11/29/86	Caretta caretta	0	0.00	142	01/22/87	74	Y
87	11/29/86	03:45 Dermochelys coriacea	0	0.00	114	01/29/87	40	Y
88	11/30/86	Caretta caretta	0	0.00	113	01/30/87	54	Y
102	11/17/86	Caretta caretta	0	0.00	122	01/10/87	102	N
69	11/30/86	Caretta caretta	0	0.00	140	01/26/87	33	Y
104	11/17/86	Caretta caretta	4412	0.00	82	01/28/87	71	N
90	12/01/86	01:50 Caretta caretta	4417	1.03	133	01/24/87	61	Y
91	12/03/86	Caretta caretta	4418	0.95	142	01/26/87	104	Y
92	12/03/86	Caretta caretta	0	0.00	124	01/26/87	72	Y
93	12/03/86	Caretta caretta	0	0.00	152	01/26/87	79	Y
94	12/03/86	Caretta caretta	0	0.00	128	01/26/87	48	Y
95	12/04/86	06:54 Caretta caretta	4419	1.04	51	01/31/87	27	Y
96	12/04/86	Caretta caretta	0	0.00	160	01/26/87	51	Y
111	11/20/86	Caretta caretta	0	0.00	137	01/28/87	109	N
97	12/05/86	Caretta caretta	0	0.00	112	01/26/87	66	Y
98	12/05/86	Caretta caretta	0	0.00	143	01/26/87	70	Y
99	12/06/86	Caretta caretta	0	0.00	81	02/02/87	52	Y
100	12/07/86	Caretta caretta	0	0.00	116	01/31/87	105	Y
116	11/22/86	Caretta caretta	0	0.00	97	01/30/87	82	N
101	12/07/86	Caretta caretta	0	0.00	115	01/31/87	68	Y
102	12/08/86	Caretta caretta	0	0.00	92	02/01/87	60	Y
119	11/22/86	Caretta caretta	0	0.00	0	/ /	0	N
103	12/08/86	Caretta caretta	0	0.00	112	02/01/87	33	Y
104	12/09/86	Caretta caretta	0	0.00	147	01/31/87	82	Y
105	12/09/86	Caretta caretta	0	0.00	129	02/01/87	58	Y
106	12/09/86	Dermochelys coriacea	0	0.00	105	02/07/87	39	Y
123	11/24/86	Dermochelys coriacea	0	0.00	0	/ /	0	N
107	12/11/86	Caretta caretta	0	0.00	122	/ /	2	Y
108	12/11/86	Caretta caretta	0	0.00	100	02/03/87	64	Y
125	11/25/86	Caretta caretta	0	0.00	134	01/29/87	106	N
109	12/11/86	Caretta caretta	0	0.00	100	02/03/87	70	Y
126	11/25/86	Caretta caretta	0	0.00	84	01/31/87	74	N
110	12/11/86	Caretta caretta	0	0.00	164	02/03/87	71	Y
111	12/12/86	Caretta caretta	0	0.00	112	02/03/87	61	Y
112	12/12/86	Caretta caretta	0	0.00	153	02/02/87	64	Y
113	12/12/86	Caretta caretta	0	0.00	165	02/03/87	94	Y
114	12/14/86	Caretta caretta	0	0.00	120	02/07/87	58	Y
115	12/14/86	Caretta caretta	0	0.00	112	02/05/87	64	Y
116	12/14/86	Caretta caretta	0	0.00	108	02/05/87	61	Y
117	12/15/86	Caretta caretta	0	0.00	90	02/07/87	35	Y
118	12/15/86	Caretta caretta	0	0.00	142	02/07/87	52	Y
119	12/15/86	Caretta caretta	0	0.00	111	02/14/87	2	Y
120	12/16/86	Caretta caretta	0	0.00	59	02/05/87	48	Y
121	12/16/86	Caretta caretta	0	0.00	104	02/11/87	12	Y
122	12/16/86	Caretta caretta	0	0.00	110	02/14/87	58	Y
123	12/16/86	Caretta caretta	0	0.00	85	02/07/87	66	Y

WATS II SEA TURTLE SURVEY DATA FORMS  
TAMAR PROJECT - BRAZIL - 1986/87  
BEACH: COMBODOS

NEST NESTING DATE 1.TIME 2.SPECIES 3.TAG NUMBER 4.CAR.LENGTH 5.EGGS 6.EMG.DATE 7.HATCHLINGS 11.RELOCATED

124	12/18/86	Caretta caretta	0	0.00	124	02/07/87	67	Y
140	12/03/86	Caretta caretta	0	0.00	158	01/29/87	138	N
125	12/18/86	Caretta caretta	0	0.00	104	02/14/87	24	Y
126	12/19/86	Dermochelys coriacea	0	0.00	144	02/16/87	37	Y
127	12/20/86	Caretta caretta	0	0.00	139	02/09/87	82	Y
144	12/04/86	Caretta caretta	0	0.00	127	01/28/87	117	N
128	12/20/86	Caretta caretta	0	0.00	153	02/11/87	47	Y
129	12/21/86	Caretta caretta	0	0.00	2	02/11/87	51	Y
130	12/21/86	Caretta caretta	0	0.00	109	02/11/87	64	Y
131	12/21/86	Caretta caretta	0	0.00	116	02/15/87	76	Y
132	12/21/86	Caretta caretta	0	0.00	101	02/15/87	46	Y
145	12/06/86	Caretta caretta	0	0.00	0	/ /	0	N
149	12/07/86	Caretta caretta	0	0.00	134	02/07/87	131	N
151	12/07/86	Caretta caretta	0	0.00	0	/ /	0	N
134	12/26/86	Caretta caretta	0	0.00	106	02/15/87	62	Y
133	12/28/86	Caretta caretta	0	0.00	127	02/15/87	55	Y
154	12/08/86	Caretta caretta	0	0.00	0	/ /	0	N
135	12/27/86	Caretta caretta	0	0.00	108	02/15/87	71	Y
136	12/28/86	Caretta caretta	0	0.00	87	02/19/87	41	Y
137	12/29/86	Dermochelys coriacea	0	0.00	105	02/26/87	33	Y
138	12/29/86	Caretta caretta	0	0.00	139	02/17/87	42	Y
139	12/29/86	Caretta caretta	0	0.00	122	02/17/87	73	Y
141	12/30/86	Caretta caretta	0	0.00	106	02/18/87	50	Y
142	12/30/86	Caretta caretta	0	0.00	116	02/18/87	50	Y
161	12/17/86	Caretta caretta	0	0.00	131	02/06/87	112	N
143	12/30/86	Caretta caretta	0	0.00	137	02/18/87	14	Y
144	12/30/86	Caretta caretta	0	0.00	172	02/18/87	116	Y
145	12/31/86	Caretta caretta	0	0.00	141	02/18/87	56	Y
146	12/31/86	Caretta caretta	0	0.00	16	02/25/87	12	Y
147	01/02/87	Caretta caretta	0	0.00	141	02/24/87	11	Y
148	01/03/87	Caretta caretta	0	0.00	107	02/26/87	44	Y
149	01/04/87	Caretta caretta	0	0.00	88	02/26/87	45	Y
150	01/05/87	Caretta caretta	0	0.00	125	02/24/87	71	Y
152	01/09/87	Caretta caretta	0	0.00	104	02/27/87	69	Y
154	01/09/87	Dermochelys coriacea	0	0.00	154	/ /	12	Y
155	01/14/87	Caretta caretta	0	0.00	79	03/06/87	44	Y
156	01/15/87	Caretta caretta	0	0.00	131	03/05/87	65	Y
157	01/18/87	Caretta caretta	0	0.00	92	03/09/87	64	Y
158	01/23/87	Caretta caretta	0	0.00	111	03/13/87	52	Y
160	01/25/87	Caretta caretta	0	0.00	128	03/15/87	57	Y
161	01/26/87	Caretta caretta	0	0.00	105	03/15/87	84	Y
162	01/28/87	Caretta caretta	0	0.00	148	03/17/87	11	Y
193	12/31/86	Caretta caretta	0	0.00	0	/ /	0	N
163	02/03/87	Caretta caretta	0	0.00	116	03/27/87	40	Y
164	02/04/87	Caretta caretta	0	0.00	126	03/28/87	4	Y
165	02/05/87	Caretta caretta	0	0.00	85	03/28/87	45	Y
166	02/05/87	Caretta caretta	0	0.00	117	03/29/87	91	Y
167	02/11/87	Eretmochelys imbricata	0	0.00	119	03/29/87	35	Y
202	01/13/87	Caretta caretta	0	0.00	0	/ /	0	N

Page No. 6  
10/02/87

WATS II SEA TURTLE SURVEY DATA FORMS  
TAMAR PROJECT - BRAZIL - 1986/87  
BEACH: COMBOIOS

NEST NEESTING DATE 1.TIME 2.SPECIES 3.TAG NUMBER 4.CAR.LENGTH 5.EGGS 6.EMG.DATE 7.HATCHLINGS 11.RELOCATED

203	01/14/87	Caretta caretta	0	0.00	0	/	/	0 N
206	01/24/87	Caretta caretta	0	0.00	0	/	/	0 N
207	01/24/87	Caretta caretta	0	0.00	0	/	/	0 N
192	12/31/87	Caretta caretta	0	0.00	0	/	/	0 N
35	/ /	Caretta caretta	0	0.00	103	/	/	58 Y
140	/ /	Caretta caretta	0	0.00	80	/	/	2 Y
151	/ /	Caretta caretta	0	0.00	102	02/27/87		52 Y
159	/ /	Caretta caretta	0	0.00	102	03/15/87		71 Y
0	/ /	Dermochelys coriacea	0	0.00	103	02/11/87		68 N
*** Total ***					22625			12051

WATS II SEA TURTLE SURVEY DATA FORMS  
TAMAR PROJECT - BRAZIL - 1985/86  
BEACH: TRINDADE

NEST NESTING DATE 1.TIME 2.SPECIES

3.TAG NUMBER 4.CAR.LENGTH 5.EGGS 6.EMG.DATE 7.HATCHLINGS 11.RELOCATED

1	/	/	<i>Chelonia mydas</i>	0	0.00	138	/	/	126	N
2	/	/	<i>Chelonia mydas</i>	0	0.00	84	/	/	74	N
3	/	/	<i>Chelonia mydas</i>	0	0.00	162	/	/	108	N
4	/	/	<i>Chelonia mydas</i>	0	0.00	202	/	/	95	N
5	/	/	<i>Chelonia mydas</i>	0	0.00	153	/	/	131	N
6	/	/	<i>Chelonia mydas</i>	0	0.00	119	/	/	116	N
7	/	/	<i>Chelonia mydas</i>	0	0.00	126	/	/	121	N
8	/	/	<i>Chelonia mydas</i>	0	0.00	116	/	/	96	N
9	/	/	<i>Chelonia mydas</i>	0	0.00	142	/	/	138	N
10	/	/	<i>Chelonia mydas</i>	0	0.00	121	/	/	116	N
11	/	/	<i>Chelonia mydas</i>	0	0.00	130	/	/	123	N
12	/	/	<i>Chelonia mydas</i>	0	0.00	110	/	/	105	N
13	/	/	<i>Chelonia mydas</i>	0	0.00	112	/	/	108	N
14	/	/	<i>Chelonia mydas</i>	0	0.00	106	/	/	65	N
15	/	/	<i>Chelonia mydas</i>	0	0.00	164	/	/	118	N
16	/	/	<i>Chelonia mydas</i>	0	0.00	134	/	/	57	N
17	/	/	<i>Chelonia mydas</i>	0	0.00	85	/	/	78	N
18	/	/	<i>Chelonia mydas</i>	0	0.00	144	/	/	116	N
19	/	/	<i>Chelonia mydas</i>	0	0.00	43	/	/	42	N
20	/	/	<i>Chelonia mydas</i>	0	0.00	162	/	/	112	N
21	/	/	<i>Chelonia mydas</i>	0	0.00	115	/	/	109	N
22	/	/	<i>Chelonia mydas</i>	0	0.00	127	/	/	105	N
23	/	/	<i>Chelonia mydas</i>	0	0.00	126	/	/	112	N
24	/	/	<i>Chelonia mydas</i>	0	0.00	114	/	/	104	N
25	/	/	<i>Chelonia mydas</i>	0	0.00	183	/	/	168	N
26	/	/	<i>Chelonia mydas</i>	0	0.00	166	/	/	139	N
27	/	/	<i>Chelonia mydas</i>	0	0.00	172	/	/	134	N
28	/	/	<i>Chelonia mydas</i>	0	0.00	158	/	/	150	N
29	/	/	<i>Chelonia mydas</i>	0	0.00	153	/	/	148	N
30	/	/	<i>Chelonia mydas</i>	0	0.00	156	/	/	130	N
31	/	/	<i>Chelonia mydas</i>	0	0.00	145	/	/	125	N
32	/	/	<i>Chelonia mydas</i>	0	0.00	103	/	/	98	N
33	/	/	<i>Chelonia mydas</i>	0	0.00	117	/	/	112	N
35	/	/	<i>Chelonia mydas</i>	0	0.00	123	/	/	106	N
37	/	/	<i>Chelonia mydas</i>	0	0.00	142	/	/	78	N
38	/	/	<i>Chelonia mydas</i>	0	0.00	122	/	/	112	N
39	/	/	<i>Chelonia mydas</i>	0	0.00	208	/	/	152	N
40	/	/	<i>Chelonia mydas</i>	0	0.00	163	/	/	152	N
41	/	/	<i>Chelonia mydas</i>	0	0.00	108	/	/	104	N
42	/	/	<i>Chelonia mydas</i>	0	0.00	145	/	/	142	N
43	/	/	<i>Chelonia mydas</i>	0	0.00	98	/	/	93	N
0	02/18/86	00:18	<i>Chelonia mydas</i>	3612	1.14	0	/	/	0	
0	02/18/86	01:14	<i>Chelonia mydas</i>	3613	1.15	0	/	/	0	
0	02/18/86	00:38	<i>Chelonia mydas</i>	0 442	1.19	0	/	/	0	
0	02/18/86	21:10	<i>Chelonia mydas</i>	3701	1.10	0	/	/	0	
0	02/18/86	21:17	<i>Chelonia mydas</i>	3702	1.17	0	/	/	0	
0	02/18/86	21:00	<i>Chelonia mydas</i>	3615	1.15	0	/	/	0	
0	02/18/86	22:45	<i>Chelonia mydas</i>	3616	1.14	0	/	/	0	
0	02/18/86	23:00	<i>Chelonia mydas</i>	3618	1.11	0	/	/	0	

MATS II SEA TURTLE SURVEY DATA FORMS  
TAMAR PROJECT - BRAZIL - 1985/86  
BEACH: TRINADE

NEST NESTING DATE 1.TIME 2.SPECIES

3.TAG NUMBER 4.CAR.LENGTH 5.EGGS 6.EMG.DATE 7.HATCHLINGS 11.RELOCATED

0 02/18/86	23:40	Chelonia mydas	3620	1.14	0	/	/	0
0 02/18/86	23:42	Chelonia mydas	3614	1.14	0	/	/	0
0 02/18/86	23:43	Chelonia mydas	3718	1.21	0	/	/	0 N
0 02/18/86	22:27	Chelonia mydas	3711	1.26	0	/	/	0
0 02/18/86	22:25	Chelonia mydas	3715	1.13	0	/	/	0
0 02/18/86	23:06	Chelonia mydas	3712	1.23	0	/	/	0 N
0 02/18/86	22:39	Chelonia mydas	3716	1.22	0	/	/	0 N
0 02/18/86	22:31	Chelonia mydas	3713	1.34	0	/	/	0
0 02/18/86	23:11	Chelonia mydas	3710	1.18	0	/	/	0 N
0 02/18/86	22:47	Chelonia mydas	3717	1.31	0	/	/	0 N
0 02/19/86	22:22	Chelonia mydas	3707	1.15	0	/	/	0
0 02/18/86	22:19	Chelonia mydas	3708	1.20	0	/	/	0
0 02/18/86	22:14	Chelonia mydas	4124	1.16	0	/	/	0
0 02/18/86	22:08	Chelonia mydas	3705	1.16	0	/	/	0
0 02/18/86	21:58	Chelonia mydas	3703	1.23	0	/	/	0
0 02/19/86	23:48	Chelonia mydas	3704	1.19	0	/	/	0
0 02/19/86	00:07	Chelonia mydas	3745	1.19	0	/	/	0
0 02/19/86	01:20	Chelonia mydas	3625	1.19	0	/	/	0
0 02/19/86	00:45	Chelonia mydas	3719	1.21	0	/	/	0
0 02/19/86	21:47	Chelonia mydas	3746	1.03	0	/	/	0
0 02/19/86	23:17	Chelonia mydas	3742	1.15	0	/	/	0
0 02/19/86	02:14	Chelonia mydas	3740	1.17	0	/	/	0
0 02/19/86	02:29	Chelonia mydas	3714	1.16	0	/	/	0
0 02/19/86	23:00	Chelonia mydas	3722	1.14	0	/	/	0
0 02/19/86	01:00	Chelonia mydas	3739	0.00	0	/	/	0
0 02/19/86	01:07	Chelonia mydas	3720	1.17	0	/	/	0
0 02/19/86	01:14	Chelonia mydas	3741	1.20	0	04/16/86	0 N	
0 02/19/86	01:18	Chelonia mydas	3706	1.20	0	/	/	0
0 02/19/86	02:11	Chelonia mydas	3724	1.16	0	/	/	0
0 02/19/86	22:08	Chelonia mydas	3611	1.18	0	/	/	0 N
0 02/19/86	02:22	Chelonia mydas	3640	1.21	0	/	/	0 N
0 02/19/86	02:27	Chelonia mydas	3638	1.24	0	/	/	0 N
0 02/19/86	02:56	Chelonia mydas	3641	1.21	0	/	/	0 N
0 02/19/86	02:46	Chelonia mydas	3644	1.21	0	/	/	0 N
0 02/19/86	22:00	Chelonia mydas	3619	1.12	0	/	/	0 N
0 02/19/86	22:16	Chelonia mydas	3606	1.23	0	/	/	0 N
0 02/19/86	22:24	Chelonia mydas	3623	1.13	0	/	/	0 N
0 02/19/86	23:12	Chelonia mydas	3621	1.15	0	/	/	0 N
0 02/19/86	03:10	Chelonia mydas	3633	1.22	0	/	/	0 N
0 02/19/86	00:07	Chelonia mydas	4124	1.16	0	/	/	0 N
0 02/19/86	00:03	Chelonia mydas	3702	1.17	0	/	/	0 N
0 02/19/86	00:55	Chelonia mydas	3604	1.08	0	/	/	0 N
0 02/19/86	00:27	Chelonia mydas	3636	1.08	0	/	/	0 N
0 02/19/86	00:24	Chelonia mydas	3624	1.23	0	/	/	0 N
0 02/19/86	00:35	Chelonia mydas	3610	1.10	0	/	/	0 N
0 02/19/86	02:36	Chelonia mydas	3605	1.16	0	/	/	0 N
0 02/19/86	00:14	Chelonia mydas	3601	1.23	0	/	/	0 N
0 02/19/86	00:17	Chelonia mydas	3622	1.15	0	/	/	0 N
		Chelonia mydas	0	0.00	157	/	/	0 N

Page No. 3  
09/18/87

WATS II SEA TURTLE SURVEY DATA FORMS  
TAMAR PROJECT - BRAZIL - 1985/86  
BEACH: TRINADE

NEST NESTING DATE 1.TIME 2.SPECIES

3.TAG NUMBER 4.CAR.LENGTH 5.EGGS 6.EMG.DATE 7.HATCHLINGS 11.RELOCATED

0 02/19/86		Chelonia mydas	0	0.00	137	/ /	0 N
0 02/20/86	23:51	Chelonia mydas	3747	1.08	0	/ /	0
0 02/20/86	01:13	Chelonia mydas	*3704	1.19	0	/ /	0
0 02/20/86	01:28	Chelonia mydas	3763	1.22	0	/ /	0
0 02/20/86	00:52	Chelonia mydas	*3741	1.20	0	/ /	0
0 02/20/86	01:09	Chelonia mydas	3762	1.14	0	04/15/86	0 N
0 02/20/86	21:46	Chelonia mydas	*3624	1.23	0	/ /	0
0 02/20/86	01:59	Chelonia mydas	3727	1.17	0	/ /	0
0 02/20/86	02:08	Chelonia mydas	3734	1.15	0	/ /	0
0 02/20/86	02:50	Chelonia mydas	3773	1.21	0	/ /	0 N
0 02/20/86	02:02	Chelonia mydas	3731	1.18	0	04/15/86	0 N
0 02/20/86	00:08	Chelonia mydas	3735	1.13	0	/ /	0
0 02/20/86	00:14	Chelonia mydas	3737	1.18	0	/ /	0
0 02/20/86	23:42	Chelonia mydas	*3747	1.08	0	/ /	0
0 02/20/86	23:51	Chelonia mydas	3730	1.18	0	/ /	0 N
0 02/20/86	02:18	Chelonia mydas	3738	1.20	0	/ /	0
0 02/20/86	23:39	Chelonia mydas	3726	1.07	0	/ /	0
0 02/20/86	01:54	Chelonia mydas	3772	1.09	0	/ /	0
0 02/20/86	01:34	Chelonia mydas	3729	1.17	0	/ /	0
0 02/20/86	01:48	Chelonia mydas	3732	1.15	0	/ /	0
0 02/20/86	23:12	Chelonia mydas	0 510	1.14	0	/ /	0 N
0 02/20/86	23:03	Chelonia mydas	3736	1.21	0	/ /	0 N
0 02/20/86	23:18	Chelonia mydas	3733	1.22	0	/ /	0 N
0 02/20/86	22:03	Chelonia mydas	3617	1.10	0	/ /	0 N
0 02/20/86	23:50	Chelonia mydas	3602	1.16	0	/ /	0 N
0 02/20/86	22:22	Chelonia mydas	3609	1.21	0	/ /	0 N
0 02/20/86	22:19	Chelonia mydas	3650	1.13	0	/ /	0 N
0 02/20/86	22:12	Chelonia mydas	3649	1.32	0	/ /	0 N
0 02/20/86	22:40	Chelonia mydas	3603	1.11	0	/ /	0 N
0 02/20/86	21:58	Chelonia mydas	*3614	1.14	0	/ /	0 N
0 02/20/86	21:54	Chelonia mydas	3607	1.18	0	/ /	0 N
0 02/20/86	21:34	Chelonia mydas	3645	1.08	0	/ /	0 N
0 02/20/86	21:26	Chelonia mydas	3608	1.20	0	/ /	0 N
0 02/20/86	00:09	Chelonia mydas	3648	1.14	0	/ /	0 N
0 02/20/86		Chelonia mydas	0	0.00	0	/ /	0 N
0 02/20/86		Chelonia mydas	0	0.00	178	/ /	0 N
0 02/20/86		Chelonia mydas	0	0.00	0	/ /	0 N
34 02/20/86	21:58	Chelonia mydas	3750	1.22	155	04/10/86	146 N
35 02/20/86	21:44	Chelonia mydas	3711	1.24	156	/ /	0 N
44 02/20/86	01:44	Chelonia mydas	3721	1.16	133	04/13/86	119 N
45 02/20/86	00:08	Chelonia mydas	3748	1.11	141	/ /	0 N
0 02/21/86	21:53	Chelonia mydas	3755	1.06	0	/ /	0
0 02/21/86	23:53	Chelonia mydas	*3722	1.14	0	/ /	0
0 02/21/86	00:08	Chelonia mydas	3759	1.07	0	/ /	0
0 02/21/86	21:39	Chelonia mydas	3754	1.11	0	/ /	0 N
0 02/21/86	23:02	Chelonia mydas	3757	0.00	0	/ /	0
0 02/21/86	01:06	Chelonia mydas	3761	1.13	0	/ /	0
0 02/21/86	00:56	Chelonia mydas	3756	1.21	164	/ /	0 N
0 02/21/86	01:14	Chelonia mydas	*3741	1.20	0	/ /	0 N

Page No. 4  
09/18/87

WATS II SEA TURTLE SURVEY DATA FORMS  
TAMAR PROJECT - BRAZIL - 1985/86  
BEACH: TRINADE

NEST NESTING DATE 1.TIME 2.SPECIES

3.TAG NUMBER 4.CAR.LENGTH 5.EGGS 6.EMG.DATE 7.HATCHLINGS 11.RELOCATED

0 02/21/86	01:51	Chelonia mydas	3752	1.04	0 / /	0
0 02/21/86	02:42	Chelonia mydas	3774	1.20	0 / /	0
0 02/21/86	01:33	Chelonia mydas	3760	1.27	0 04/15/86	0 N
0 02/21/86	01:43	Chelonia mydas	3751	1.14	0 / /	0
0 02/21/86	01:49	Chelonia mydas	3635	1.12	0 / /	0
0 02/21/86	02:04	Chelonia mydas	*3711	1.21	0 / /	0 N
0 02/21/86	02:18	Chelonia mydas	3798	1.16	0 / /	0 N
0 02/21/86	02:01	Chelonia mydas	3753	1.24	0 / /	0 N
0 02/21/86	02:12	Chelonia mydas	3769	1.14	0 / /	0 N
0 02/21/86	02:06	Chelonia mydas	*3640	1.21	0 / /	0 N
0 02/21/86	02:09	Chelonia mydas	3728	1.19	0 / /	0 N
0 02/21/86	02:24	Chelonia mydas	3795	1.04	0 / /	0 N
0 02/21/86	22:14	Chelonia mydas	*3649	1.32	0 / /	0 N
0 02/21/86	22:25	Chelonia mydas	*3648	1.14	0 / /	0 N
0 02/21/86	22:40	Chelonia mydas	3643	1.19	0 / /	0 N
0 02/21/86	22:48	Chelonia mydas	3630	1.21	0 / /	0 N
0 02/21/86	22:50	Chelonia mydas	*3609	1.21	0 / /	0 N
0 02/21/86	00:21	Chelonia mydas	3629	1.11	0 / /	0 N
0 02/21/86	22:24	Chelonia mydas	3632	1.07	0 / /	0 N
0 02/21/86	22:21	Chelonia mydas	3642	1.19	0 / /	0 N
0 02/21/86	22:12	Chelonia mydas	*3645	1.09	0 / /	0 N
0 02/21/86	22:13	Chelonia mydas	*3603	1.11	0 / /	0 N
0 02/22/86	00:09	Chelonia mydas	3796	1.14	0 04/17/86	0 N
0 02/22/86	02:00	Chelonia mydas	*3732	1.15	0 / /	0
0 02/22/86	02:04	Chelonia mydas	3653	1.18	0 / /	0
0 02/22/86	23:21	Chelonia mydas	3765	1.18	0 / /	0
0 02/22/86	23:49	Chelonia mydas	3799	1.12	0 / /	0 N
0 02/22/86	23:11	Chelonia mydas	*3731	1.18	0 04/15/86	0 N
0 02/22/86	23:43	Chelonia mydas	3767	1.14	0 / /	0
0 02/22/86	02:06	Chelonia mydas	3627	1.20	0 / /	0
0 02/22/86	02:10	Chelonia mydas	3651	1.12	0 / /	0
0 02/22/86	23:15	Chelonia mydas	*3722	1.14	0 / /	0
0 02/22/86	21:37	Chelonia mydas	3768	1.04	0 / /	0
0 02/22/86	22:15	Chelonia mydas	3764	1.17	0 / /	0
0 02/22/86	01:33	Chelonia mydas	3743	1.19	0 / /	0 N
0 02/22/86	01:02	Chelonia mydas	3775	1.12	0 / /	0 N
0 02/22/86	00:39	Chelonia mydas	3770	1.17	0 / /	0 N
0 02/22/86	00:41	Chelonia mydas	*3726	1.07	0 / /	0 N
0 02/22/86	00:50	Chelonia mydas	3766	1.14	0 / /	0 N
0 02/22/86	00:56	Chelonia mydas	3797	1.14	0 / /	0 N
0 02/22/86	00:53	Chelonia mydas	3749	1.14	0 / /	0 N
0 02/22/86	06:57	Chelonia mydas	3779	1.09	0 / /	0 N
0 02/23/86	01:46	Chelonia mydas	3655	1.12	0 / /	0
0 02/23/86	01:51	Chelonia mydas	3664	1.06	0 / /	0
0 02/23/86	01:54	Chelonia mydas	3631	1.12	0 / /	0
0 02/23/86	23:43	Chelonia mydas	3793	1.15	0 / /	0
0 02/23/86	02:11	Chelonia mydas	3639	1.12	0 / /	0
0 02/23/86	02:15	Chelonia mydas	3646	1.11	0 / /	0
0 02/23/86	02:26	Chelonia mydas	3626	1.10	0 / /	0

WATS II SEA TURTLE SURVEY DATA FORMS  
TAMAR PROJECT - BRAZIL - 1985/86  
BEACH: TRINDADE

NEST NESTING DATE 1.TIME 2.SPECIES

3.TAG NUMBER 4.CAR.LENGTH 5.EGGS 6.EMG.DATE 7.HATCHLINGS 11.RELOCATED

0 02/23/86	23:22	Chelonia mydas	3782	1.16	0 04/16/86	0 N
0 02/23/86	22:59	Chelonia mydas	3780	1.15	0 / /	0
0 02/23/86	02:05	Chelonia mydas	3637	1.18	0 / /	0
0 02/23/86	02:32	Chelonia mydas	*3797	1.14	0 / /	0
0 02/23/86	22:51	Chelonia mydas	3777	1.16	0 04/17/86	0 N
0 02/23/86	22:47	Chelonia mydas	*3613	1.15	0 / /	0
0 02/23/86	22:31	Chelonia mydas	3700	1.14	0 / /	0
0 02/23/86	22:25	Chelonia mydas	3788	1.22	0 / /	0 N
0 02/23/86	22:12	Chelonia mydas	3789	1.23	0 / /	0 N
0 02/23/86	21:42	Chelonia mydas	3792	1.22	0 04/18/86	0 N
0 02/23/86	23:40	Chelonia mydas	*3627	1.20	0 / /	0
0 02/23/86	22:36	Chelonia mydas	3790	1.19	0 04/15/86	0 N
0 02/23/86	02:43	Chelonia mydas	3652	1.23	0 / /	0
0 02/23/86	05:42	Chelonia mydas	3783	1.16	0 / /	0 N
0 02/23/86	00:31	Chelonia mydas	3786	1.14	0 / /	0 N
0 02/23/86	00:35	Chelonia mydas	3778	1.15	0 / /	0 N
0 02/23/86	00:04	Chelonia mydas	3781	1.18	0 / /	0 N
0 02/24/86	00:35	Chelonia mydas	3654	1.09	0 / /	0
0 02/24/86	22:13	Chelonia mydas	3776	1.18	0 / /	0
0 02/24/86	00:43	Chelonia mydas	3661	1.12	0 / /	0
0 02/24/86	22:21	Chelonia mydas	3802	1.23	0 / /	0
0 02/24/86	00:55	Chelonia mydas	3660	1.05	0 / /	0
0 02/24/86	22:38	Chelonia mydas	3784	1.20	0 / /	0
0 02/24/86	01:01	Chelonia mydas	3656	1.13	0 / /	0
0 02/24/86	23:12	Chelonia mydas	3904	1.16	0 / /	0
0 02/24/86	01:04	Chelonia mydas	3675	1.10	0 / /	0
0 02/24/86	23:29	Chelonia mydas	3911	1.10	0 / /	0
0 02/24/86	01:27	Chelonia mydas	3665	1.18	0 / /	0
0 02/24/86	23:40	Chelonia mydas	3909	1.13	0 / /	0
0 02/24/86	22:12	Chelonia mydas	3905	1.16	0 / /	0
0 02/24/86	23:51	Chelonia mydas	3914	1.05	0 / /	0
0 02/24/86	22:04	Chelonia mydas	3794	0.00	0 / /	0
0 02/24/86	22:18	Chelonia mydas	*3767	1.14	0 / /	0
0 02/24/86	22:00	Chelonia mydas	*3646	1.11	0 / /	0
0 02/24/86	22:54	Chelonia mydas	3901	1.11	0 / /	0
0 02/24/86	21:55	Chelonia mydas	*3639	1.12	0 / /	0
0 02/24/86	23:36	Chelonia mydas	3907	1.10	0 / /	0
0 02/24/86	00:09	Chelonia mydas	3647	1.13	0 / /	0
0 02/24/86	22:25	Chelonia mydas	3903	1.22	0 / /	0
0 02/24/86	23:23	Chelonia mydas	3910	1.23	0 / /	0
0 02/24/86	23:46	Chelonia mydas	3925	1.12	0 / /	0
0 02/24/86	21:54	Chelonia mydas	*3637	1.18	0 / /	0
0 02/24/86	21:51	Chelonia mydas	3791	1.18	0 / /	0
0 02/24/86	21:45	Chelonia mydas	*3631	1.12	0 / /	0
0 02/24/86	21:43	Chelonia mydas	*3664	1.06	0 / /	0
0 02/24/86	21:42	Chelonia mydas	3785	1.22	0 / /	0
0 02/24/86	21:33	Chelonia mydas	3787	1.15	0 / /	0
0 02/24/86	22:01	Chelonia mydas	3906	1.15	0 / /	0
0 02/24/86	00:26	Chelonia mydas	3916	1.11	0 / /	0 N

MATS II SEA TURTLE SURVEY DATA FORMS  
TAMAR PROJECT - BRAZIL - 1985/86  
BEACH: TRINADE

NEST NESTING DATE 1.TIME 2.SPECIES

3.TAG NUMBER 4.CAR.LENGTH 5.EGGS 6.EMG.DATE 7.HATCHLINGS 11.RELOCATED

0 02/24/86	00:22	Chelonia mydas	3912	1.15	0 / /	0 N
0 02/24/86	00:14	Chelonia mydas	3913	1.29	0 / /	0 N
0 02/24/86	00:04	Chelonia mydas	* 3652	1.23	0 / /	0 N
0 02/24/86	00:08	Chelonia mydas	3915	1.19	0 / /	0 N
0 02/24/86	00:43	Chelonia mydas	3924	1.10	0 / /	0 N
0 02/24/86	00:46	Chelonia mydas	3918	1.11	0 / /	0 N
0 02/24/86	00:48	Chelonia mydas	3917	1.15	0 / /	0 N
0 02/24/86	00:51	Chelonia mydas	3920	1.14	0 / /	0 N
0 02/24/86	00:54	Chelonia mydas	3923	1.12	0 / /	0 N
0 02/24/86	01:05	Chelonia mydas	3922	1.15	0 / /	0 N
0 02/24/86	11:44	Chelonia mydas	3921	0.00	0 / /	0 N
0 02/24/86	00:41	Chelonia mydas	3919	1.04	0 / /	0 N
0 02/25/86	22:01	Chelonia mydas	3975	1.11	0 / /	0
0 02/25/86	22:16	Chelonia mydas	3926	1.14	0 / /	0
0 02/25/86	21:58	Chelonia mydas	3970	1.23	0 / /	0
0 02/25/86	22:13	Chelonia mydas	* 3654	1.09	0 / /	0
0 02/25/86	21:58	Chelonia mydas	* 3753	1.24	0 / /	0
0 02/25/86	22:45	Chelonia mydas	3930	1.04	0 / /	0
0 02/25/86	22:04	Chelonia mydas	3972	1.15	0 / /	0
0 02/25/86	22:20	Chelonia mydas	3927	1.14	0 / /	0
0 02/25/86	22:28	Chelonia mydas	3929	1.16	0 / /	0
0 02/25/86	22:09	Chelonia mydas	3973	1.21	0 / /	0
0 02/25/86	21:52	Chelonia mydas	3969	1.15	0 / /	0
0 02/25/86	21:50	Chelonia mydas	3974	1.18	0 / /	0
0 02/25/86	21:48	Chelonia mydas	* 3791	1.18	0 / /	0
0 02/25/86	21:40	Chelonia mydas	* 3637	1.18	0 / /	0
0 02/25/86	21:37	Chelonia mydas	3971	1.18	0 / /	0
0 02/25/86	22:24	Chelonia mydas	3928	1.22	0 / /	0
0 02/25/86	23:06	Chelonia mydas	3934	1.16	0 / /	0 N
0 02/25/86	23:10	Chelonia mydas	3931	1.12	0 / /	0 N
0 02/25/86	23:11	Chelonia mydas	* 3775	1.12	0 / /	0 N
0 02/25/86	23:14	Chelonia mydas	3932	1.25	0 / /	0 N
0 02/25/86	23:37	Chelonia mydas	3940	1.13	0 / /	0 N
0 02/25/86	23:22	Chelonia mydas	* 3656	1.13	0 / /	0 N
0 02/25/86	23:42	Chelonia mydas	3944	1.17	0 / /	0 N
0 02/25/86	23:39	Chelonia mydas	3945	1.19	0 / /	0 N
0 02/25/86	23:20	Chelonia mydas	3935	1.24	0 / /	0 N
0 02/25/86	23:33	Chelonia mydas	3938	1.11	0 / /	0 N
0 02/25/86	23:30	Chelonia mydas	3939	1.17	0 / /	0 N
0 02/25/86	23:28	Chelonia mydas	3937	1.12	0 / /	0 N
0 02/25/86	23:26	Chelonia mydas	3936	1.20	0 / /	0 N
0 02/25/86	23:24	Chelonia mydas	3933	1.16	0 / /	0 N
0 02/25/86	22:40	Chelonia mydas	3662	1.20	0 / /	0 N
0 02/25/86	22:02	Chelonia mydas	3669	1.20	0 / /	0 N
0 02/25/86	22:04	Chelonia mydas	3667	1.20	0 / /	0 N
0 02/25/86	21:50	Chelonia mydas	3666	1.13	0 / /	0 N
0 02/25/86	21:46	Chelonia mydas	3673	1.20	0 / /	0 N
0 02/25/86	21:42	Chelonia mydas	3671	1.15	0 / /	0 N
0 02/25/86	22:18	Chelonia mydas	3658	1.19	0 / /	0 N

WATS II SEA TURTLE SURVEY DATA FORMS  
TAMAR PROJECT - BRAZIL - 1985/86  
BEACH: TRINDADE

NEST NESTING DATE 1.TIME 2.SPECIES

3.TAG NUMBER 4.CAR.LENGTH 5.EGGS 6.EMG.DATE 7.HATCHLINGS 11.RELOCATED

0 02/25/86	23:00	Chelonia mydas	3690	1.19	0	/	/	0 N
0 02/25/86	23:17	Chelonia mydas	*3789	1.23	0	/	/	0 N
0 02/25/86	22:30	Chelonia mydas	3674	1.20	0	/	/	0 N
0 02/25/86	22:55	Chelonia mydas	3686	1.15	0	/	/	0 N
0 02/25/86	21:40	Chelonia mydas	3670	1.23	0	/	/	0 N
0 02/25/86	22:33	Chelonia mydas	3657	1.08	0	/	/	0 N
0 02/25/86	22:42	Chelonia mydas	3663	1.20	0	/	/	0 N
0 02/25/86	22:36	Chelonia mydas	3659	1.07	0	/	/	0 N
0 02/26/86	23:01	Chelonia mydas	3685	1.18	0	/	/	0
0 02/26/86	21:50	Chelonia mydas	3668	1.12	0	/	/	0
0 02/26/86	22:38	Chelonia mydas	*3929	1.16	0	/	/	0
0 02/26/86	22:05	Chelonia mydas	*3918	1.11	0	/	/	0
0 02/26/86	22:03	Chelonia mydas	3672	1.14	0	/	/	0
0 02/26/86	22:16	Chelonia mydas	3682	1.12	0	/	/	0
0 02/26/86	22:36	Chelonia mydas	*3776	1.18	0	/	/	0
0 02/26/86	22:34	Chelonia mydas	3677	1.19	0	/	/	0
0 02/26/86	21:33	Chelonia mydas	3634	1.17	0	/	/	0
0 02/26/86	22:24	Chelonia mydas	3693	1.18	0	/	/	0
0 02/26/86	22:17	Chelonia mydas	*3970	1.23	0	/	/	0
0 02/26/86	22:22	Chelonia mydas	3685	1.00	0	/	/	0
0 02/26/86	23:26	Chelonia mydas	3679	1.26	0	/	/	0 N
0 02/26/86	23:42	Chelonia mydas	3689	1.23	0	/	/	0 N
0 02/26/86	23:43	Chelonia mydas	3683	1.11	0	/	/	0 N
0 02/26/86	23:21	Chelonia mydas	*3969	1.15	0	/	/	0 N
0 02/26/86	00:29	Chelonia mydas	3805	1.05	0	/	/	0 N
0 02/26/86	00:36	Chelonia mydas	3694	1.19	0	/	/	0 N
0 02/26/86	23:27	Chelonia mydas	*3927	1.14	0	/	/	0 N
0 02/26/86	00:25	Chelonia mydas	3697	1.22	0	/	/	0 N
0 02/26/86	23:36	Chelonia mydas	3696	1.17	0	/	/	0 N
0 02/26/86	23:15	Chelonia mydas	3687	1.08	0	/	/	0 N
0 02/26/86	00:03	Chelonia mydas	3678	1.30	0	/	/	0 N
0 02/26/86	00:28	Chelonia mydas	3698	1.12	0	/	/	0 N
0 02/26/86	00:15	Chelonia mydas	3681	1.24	0	/	/	0 N
0 02/26/86	23:20	Chelonia mydas	3695	1.24	0	/	/	0 N
0 02/26/86	23:38	Chelonia mydas	*3925	1.12	0	/	/	0 N
0 02/26/86	23:41	Chelonia mydas	3680	1.15	0	/	/	0 N
0 02/26/86	23:45	Chelonia mydas	3684	1.21	0	/	/	0 N
0 02/26/86	00:46	Chelonia mydas	3692	1.12	0	/	/	0 N
0 02/26/86	00:54	Chelonia mydas	3691	1.18	0	/	/	0 N
0 02/26/86	00:59	Chelonia mydas	3699	1.11	0	/	/	0 N
0 02/26/86	01:02	Chelonia mydas	3600	1.24	0	/	/	0 N
0 02/26/86	01:23	Chelonia mydas	*3921	0.00	0	/	/	0 N
0 02/26/86	01:23	Chelonia mydas	3801	1.19	0	/	/	0 N
0 02/26/86	01:40	Chelonia mydas	3804	1.14	0	/	/	0 N
0 02/26/86	01:27	Chelonia mydas	3802	1.14	0	/	/	0 N
0 02/26/86	01:35	Chelonia mydas	3803	1.21	0	/	/	0 N
0 02/27/86	22:29	Chelonia mydas	3949	1.15	0	/	/	0
0 02/27/86	01:11	Chelonia mydas	3999	1.26	0	/	/	0
0 02/27/86	22:18	Chelonia mydas	* 595	0.00	0	/	/	0

Page No. 8  
09/18/87

WATS II SEA TURTLE SURVEY DATA FORMS  
TAMAR PROJECT - BRAZIL - 1985/86  
BEACH: TRINADE

NEST NESTING DATE 1.TIME 2.SPECIES 3.TAG NUMBER 4.CAR.LENGTH 5.EGGS 6.EMG.DATE 7.HATCHLINGS 11.RELOCATED

0 02/27/86	22:27	<i>Chelonia mydas</i>	*3654	1.09	0 / /	0
0 02/27/86	21:51	<i>Chelonia mydas</i>	*3634	1.17	0 / /	0
0 02/27/86	22:06	<i>Chelonia mydas</i>	3900	1.18	0 / /	0
0 02/27/86	22:24	<i>Chelonia mydas</i>	*3930	1.04	0 / /	0
0 02/27/86	22:09	<i>Chelonia mydas</i>	3947	1.15	0 / /	0
0 02/27/86	22:18	<i>Chelonia mydas</i>	*3973	1.21	0 / /	0
0 02/27/86	22:14	<i>Chelonia mydas</i>	3942	1.15	0 / /	0
0 02/27/86	21:59	<i>Chelonia mydas</i>	3968	1.11	0 / /	0
0 02/27/86	22:57	<i>Chelonia mydas</i>	3941	1.10	0 / /	0 N
0 02/27/86	22:03	<i>Chelonia mydas</i>	3967	1.13	0 / /	0 N
0 02/27/86	23:05	<i>Chelonia mydas</i>	*3672	1.14	0 / /	0 N
0 02/27/86	23:00	<i>Chelonia mydas</i>	3758	1.16	0 / /	0 N
0 02/27/86	22:40	<i>Chelonia mydas</i>	*3776	1.18	0 / /	0 N
0 02/27/86	22:41	<i>Chelonia mydas</i>	*3922	1.15	0 / /	0 N
0 02/27/86	22:43	<i>Chelonia mydas</i>	3946	1.27	0 / /	0 N
0 02/27/86	22:49	<i>Chelonia mydas</i>	3948	1.17	0 / /	0 N
0 02/27/86	22:52	<i>Chelonia mydas</i>	*3907	1.10	0 / /	0 N
0 02/27/86	23:08	<i>Chelonia mydas</i>	3943	1.13	0 / /	0 N
0 02/27/86	23:10	<i>Chelonia mydas</i>	3977	1.05	0 / /	0 N
0 02/27/86	23:13	<i>Chelonia mydas</i>	3978	1.22	0 / /	0 N
0 02/27/86	23:28	<i>Chelonia mydas</i>	3980	1.18	0 / /	0 N
0 02/27/86	23:31	<i>Chelonia mydas</i>	3976	1.11	0 / /	0 N
0 02/27/86	23:33	<i>Chelonia mydas</i>	3981	1.14	0 / /	0 N
0 02/27/86	23:19	<i>Chelonia mydas</i>	3979	0.00	0 / /	0 N
0 02/27/86	23:43	<i>Chelonia mydas</i>	3996	1.13	0 / /	0 N
0 02/27/86	00:22	<i>Chelonia mydas</i>	3995	1.17	0 / /	0 N
0 02/27/86	23:52	<i>Chelonia mydas</i>	3997	1.22	0 / /	0 N
0 02/27/86		<i>Chelonia mydas</i>	*3805	1.05	0 / /	0 N
0 02/27/86	00:20	<i>Chelonia mydas</i>	*3972	1.15	0 / /	0 N
0 02/27/86	00:39	<i>Chelonia mydas</i>	3994	1.07	0 / /	0 N
0 02/27/86	00:24	<i>Chelonia mydas</i>	3998	0.00	0 / /	0 N
0 02/28/86	21:52	<i>Chelonia mydas</i>	*3900	1.18	0 / /	0
0 02/28/86	03:00	<i>Chelonia mydas</i>	3815	1.22	0 / /	0
0 02/28/86	22:01	<i>Chelonia mydas</i>	4104	1.20	0 / /	0
0 02/28/86	21:57	<i>Chelonia mydas</i>	*3978	1.22	0 / /	0
0 02/28/86	22:05	<i>Chelonia mydas</i>	4101	1.18	0 / /	0
0 02/28/86	21:49	<i>Chelonia mydas</i>	3990	1.15	0 / /	0
0 02/28/86	21:34	<i>Chelonia mydas</i>	*3618	1.11	0 / /	0
0 02/28/86	21:31	<i>Chelonia mydas</i>	*3834	1.17	0 / /	0
0 02/28/86	21:26	<i>Chelonia mydas</i>	4102	1.07	0 / /	0
0 02/28/86	21:21	<i>Chelonia mydas</i>	4107	1.13	0 / /	0
0 02/28/86	21:38	<i>Chelonia mydas</i>	4105	1.23	0 / /	0
0 02/28/86	21:47	<i>Chelonia mydas</i>	4106	1.15	0 / /	0
0 02/28/86	22:15	<i>Chelonia mydas</i>	3988	1.22	0 / /	0
0 02/28/86	01:11	<i>Chelonia mydas</i>	3810	1.26	0 / /	0 N
0 02/28/86	01:09	<i>Chelonia mydas</i>	3809	1.11	0 / /	0 N
0 02/28/86	00:58	<i>Chelonia mydas</i>	3808	1.17	0 / /	0 N
0 02/28/86	00:54	<i>Chelonia mydas</i>	3807	1.18	0 / /	0 N
0 02/28/86	00:48	<i>Chelonia mydas</i>	3806	1.18	0 / /	0 N

Page No. 9  
09/18/87

WATS II SEA TURTLE SURVEY DATA FORMS  
TAMAR PROJECT - BRAZIL - 1985/86  
BEACH: TRINIDADE

NEST NESTING DATE 1.TIME 2.SPECIES

3.TAG NUMBER 4.CAR.LENGTH 5.EGGS 6.EMG.DATE 7.HATCHLINGS 11.RELOCATED

NEST NESTING DATE	1.TIME	2.SPECIES	3.TAG NUMBER	4.CAR.	LENGTH	5.EGGS	6.EMG.	DATE	7.HATCHLINGS	11.RELOCATED
0 02/28/86	22:29	Chelonia mydas	* 3910	1.23	0 / /					0 N
0 02/28/86	01:15	Chelonia mydas	* 3801	1.19	0 / /					0 N
0 02/28/86	22:34	Chelonia mydas	4103	1.11	0 / /					0 N
0 02/28/86	22:35	Chelonia mydas	* 3678	1.30	0 / /					0 N
0 02/28/86	00:40	Chelonia mydas	* 3776	1.26	0 / /					0 N
0 02/28/86	22:44	Chelonia mydas	3987	1.15	0 / /					0 N
0 02/28/86	22:47	Chelonia mydas	3985	1.13	0 / /					0 N
0 02/28/86	22:48	Chelonia mydas	* 3800	1.24	0 / /					0 N
0 02/28/86	22:51	Chelonia mydas	3992	1.13	0 / /					0 N
0 02/28/86	01:24	Chelonia mydas	3812	1.22	0 / /					0 N
0 02/28/86	01:35	Chelonia mydas	3813	1.05	0 / /					0 N
0 02/28/86	22:52	Chelonia mydas	* 3682	1.12	0 / /					0 N
0 02/28/86	01:47	Chelonia mydas	3814	1.10	0 / /					0 N
0 02/28/86	22:57	Chelonia mydas	0 3979	0.00	0 / /					0 N
0 02/28/86	22:58	Chelonia mydas	3993	1.13	0 / /					0 N
0 02/28/86	23:00	Chelonia mydas	3989	1.09	0 / /					0 N
0 02/28/86	22:54	Chelonia mydas	3991	1.18	0 / /					0 N
0 02/28/86	23:01	Chelonia mydas	* 3943	1.13	0 / /					0 N
0 02/28/86	00:47	Chelonia mydas	3961	1.24	0 / /					0 N
0 02/28/86	23:50	Chelonia mydas	3964	1.11	0 / /					0 N
0 02/28/86	23:09	Chelonia mydas	3965	1.16	0 / /					0 N
0 02/28/86	23:27	Chelonia mydas	3982	1.24	0 / /					0 N
0 02/28/86	23:31	Chelonia mydas	* 3805	1.05	0 / /					0 N
0 02/28/86	23:29	Chelonia mydas	* 3677	1.19	0 / /					0 N
0 02/28/86	23:47	Chelonia mydas	* 3780	1.15	0 / /					0 N
0 03/01/86	22:57	Chelonia mydas	3952	1.06	0 / /					0
0 03/01/86	22:35	Chelonia mydas	* 3705	1.16	0 / /					0
0 03/01/86	22:54	Chelonia mydas	3962	1.11	0 / /					0
0 03/01/86	22:51	Chelonia mydas	* 3900	1.18	0 / /					0
0 03/01/86	22:42	Chelonia mydas	3954	1.22	0 / /					0
0 03/01/86	22:37	Chelonia mydas	* 3620	1.14	0 / /					0
0 03/01/86	23:49	Chelonia mydas	* 3805	1.05	108 / /					0 N
0 03/01/86	23:29	Chelonia mydas	* 3815	1.22	0 / /					0 N
0 03/01/86	23:27	Chelonia mydas	* 3985	1.13	0 / /					0 N
0 03/01/86	23:25	Chelonia mydas	* 3710	1.18	0 / /					0 N
0 03/02/86	19:57	Chelonia mydas	3817	1.06	0 / /					0 N
0 03/02/86	19:50	Chelonia mydas	3816	1.11	0 / /					0 N
0 03/04/86	01:33	Chelonia mydas	4130	1.05	0 / /					0
0 03/04/86	01:24	Chelonia mydas	* 3962	1.11	0 / /					0
0 03/04/86	01:14	Chelonia mydas	+ 3762	1.14	0 04/15/86					0 N
0 03/04/86	01:35	Chelonia mydas	* 3748	1.11	0 / /					0
0 03/04/86	01:40	Chelonia mydas	* 3724	1.16	0 / /					0
0 03/04/86	01:38	Chelonia mydas	* 3711	1.26	0 / /					0
0 03/04/86	01:58	Chelonia mydas	* 3606	1.23	0 / /					0 N
0 03/04/86	02:00	Chelonia mydas	* 3624	1.23	0 / /					0 N
0 03/04/86	01:53	Chelonia mydas	* 3773	1.21	0 / /					0 N
0 03/04/86	02:02	Chelonia mydas	4128	1.24	0 / /					0 N
0 03/04/86	01:59	Chelonia mydas	* 3999	1.26	0 / /					0 N
0 03/06/86	02:59	Chelonia mydas	* 3792	1.22	0 / /					0

WATS II SEA TURTLE SURVEY DATA FORMS  
TAMAR PROJECT - BRAZIL - 1985/86  
BEACH: TRINADE

NEST NESTING DATE 1.TIME 2.SPECIES

3.TAG NUMBER 4.CAR.LENGTH 5.EGGS 6.EMG.DATE 7.HATCHLINGS 11.RELOCATED

0 03/06/86	03:01	Chelonia mydas	* 3763	1.22	0 / /	0
0 03/06/86	03:13	Chelonia mydas	* 3635	1.12	0 / /	0
0 03/06/86	03:02	Chelonia mydas	* 3730	1.18	0 / /	0
0 03/06/86	03:13	Chelonia mydas	* 3772	1.09	0 / /	0
0 03/06/86	03:02	Chelonia mydas	* 3760	1.27	0 / /	0
0 03/06/86	03:10	Chelonia mydas	* 3759	1.07	0 / /	0
0 03/06/86	03:12	Chelonia mydas	* 3727	1.17	0 / /	0
0 03/06/86	03:06	Chelonia mydas	* 3788	1.22	0 / /	0
0 03/06/86	03:06	Chelonia mydas	* 3756	1.21	0 / /	0 N
0 03/06/86	03:05	Chelonia mydas	* 3711	1.26	0 / /	0
0 03/06/86	03:32	Chelonia mydas	* 3771	1.21	0 / /	0 N
0 03/06/86	03:26	Chelonia mydas	* 3783	1.16	0 / /	0 N
0 03/06/86	03:37	Chelonia mydas	4126	1.17	0 / /	0 N
0 03/06/86	03:21	Chelonia mydas	* 3737	1.18	0 / /	0 N
0 03/06/86	03:28	Chelonia mydas	* 3604	1.08	0 / /	0 N
0 03/06/86	03:25	Chelonia mydas	* 3778	1.15	0 / /	0 N
0 03/08/86	21:51	Chelonia mydas	* 3934	1.16	0 / /	0
0 03/08/86	21:47	Chelonia mydas	* 3786	1.14	0 / /	0
0 03/08/86	21:49	Chelonia mydas	* 3989	1.09	0 / /	0
0 03/08/86	21:53	Chelonia mydas	* 3777	1.16	0 / /	0
0 03/08/86	21:43	Chelonia mydas	* 3791	1.18	0 / /	0
0 03/11/86	23:06	Chelonia mydas	O * 3979	0.00	0 / /	0
0 03/11/86	23:04	Chelonia mydas	3986	1.15	0 / /	0
0 03/11/86	22:57	Chelonia mydas	* 3942	1.15	0 / /	0
0 03/11/86	22:48	Chelonia mydas	* 4107	1.13	0 / /	0
0 03/11/86	22:43	Chelonia mydas	* 3634	1.17	0 / /	0 N
0 03/11/86	23:08	Chelonia mydas	* 3660	1.05	0 / /	0
0 03/11/86	23:43	Chelonia mydas	* 3679	1.26	0 / /	0 N
0 03/11/86	23:42	Chelonia mydas	* 3694	1.19	0 / /	0 N
0 03/11/86	23:45	Chelonia mydas	* 3678	1.30	0 / /	0 N
0 03/11/86	23:29	Chelonia mydas	* 3902	1.23	0 / /	0 N
0 03/11/86	23:24	Chelonia mydas	* 3925	1.12	0 / /	0 N
0 03/11/86	23:19	Chelonia mydas	* 3944	1.17	0 / /	0 N
0 03/11/86	23:41	Chelonia mydas	* 4126	1.17	0 / /	0 N
0 03/12/86	23:02	Chelonia mydas	* 3978	1.22	0 / /	0
0 03/12/86	23:06	Chelonia mydas	* 3672	1.14	0 / /	0
0 03/12/86	23:08	Chelonia mydas	* 3768	1.04	0 / /	0
0 03/12/86	22:56	Chelonia mydas	3959	1.09	0 / /	0
0 03/12/86	23:03	Chelonia mydas	* 3805	1.05	0 / /	0
0 03/12/86	22:50	Chelonia mydas	* 3706	1.20	0 / /	0
0 03/12/86	23:39	Chelonia mydas	3957	1.15	0 / /	0 N
0 03/12/86	23:18	Chelonia mydas	4127	1.21	0 / /	0 N
0 03/12/86	23:18	Chelonia mydas	4127	1.21	0 / /	0 N
0 03/12/86	23:24	Chelonia mydas	* 3710	1.18	0 / /	0 N
0 03/12/86	23:32	Chelonia mydas	3984	1.16	0 / /	0 N
0 03/13/86	23:19	Chelonia mydas	* 3984	1.16	0 / /	0
0 03/13/86	23:36	Chelonia mydas	3821	1.09	0 / /	0
0 03/13/86	23:04	Chelonia mydas	3820	1.13	0 / /	0
0 03/13/86	22:36	Chelonia mydas	* 3900	1.18	0 / /	0

WATS II SEA TURTLE SURVEY DATA FORMS  
TAMAR PROJECT - BRAZIL - 1985/86  
BEACH: TRINIDADE

NEST NESTING DATE 1.TIME 2.SPECIES

3.TAG NUMBER 4.CAR.LENGTH 5.EGGS 6.EMB.DATE 7.HATCHLINGS 11.RELOCATED

0 03/13/86	23:16	Chelonia mydas	* 3976	1.11	0	/	/	0
0 03/13/86	21:18	Chelonia mydas	3818	1.17	0	/	/	0 N
0 03/13/86	21:23	Chelonia mydas	3819	1.13	0	/	/	0 N
0 03/13/86	21:30	Chelonia mydas	* 3816	1.11	0	/	/	0 N
0 03/13/86	21:34	Chelonia mydas	* 3813	1.05	0	/	/	0 N
0 03/13/86	21:40	Chelonia mydas	* 3650	1.13	0	/	/	0 N
0 03/13/86	21:36	Chelonia mydas	* 3814	1.10	0	/	/	0 N
0 03/14/86	22:49	Chelonia mydas	* 3699	1.11	0	/	/	0
0 03/14/86	01:49	Chelonia mydas	3839	1.16	0	/	/	0
0 03/14/86	01:46	Chelonia mydas	* 3976	1.11	0	/	/	0
0 03/14/86	22:48	Chelonia mydas	* 3748	1.11	0	/	/	0
0 03/14/86	22:42	Chelonia mydas	3826	1.02	0	/	/	0
0 03/14/86	22:00	Chelonia mydas	3822	1.16	0	/	/	0
0 03/14/86	22:29	Chelonia mydas	3823	1.19	0	/	/	0
0 03/14/86	22:46	Chelonia mydas	3827	1.10	0	/	/	0
0 03/14/86	22:35	Chelonia mydas	3825	1.23	0	/	/	0
0 03/14/86	22:34	Chelonia mydas	* 3824	1.23	0	/	/	0
0 03/14/86	22:37	Chelonia mydas	* 4105	1.23	0	/	/	0
0 03/14/86	22:27	Chelonia mydas	* 3788	1.22	0	/	/	0
0 03/14/86	22:22	Chelonia mydas	* 3962	1.11	0	/	/	0
0 03/14/86	22:20	Chelonia mydas	* 3981	1.14	0	/	/	0
0 03/14/86	22:11	Chelonia mydas	* 3612	1.14	130	/	/	0 N
0 03/14/86	23:02	Chelonia mydas	3828	1.14	0	/	/	0 N
0 03/14/86	23:09	Chelonia mydas	* 3605	1.16	0	/	/	0 N
0 03/14/86	23:05	Chelonia mydas	* 3606	1.23	0	/	/	0 N
0 03/14/86	23:23	Chelonia mydas	3829	1.15	0	/	/	0 N
0 03/14/86	23:19	Chelonia mydas	* 3985	1.13	0	/	/	0 N
0 03/14/86	23:17	Chelonia mydas	* 3737	1.18	0	/	/	0 N
0 03/14/86	00:17	Chelonia mydas	3834	1.14	0	/	/	0 N
0 03/14/86	00:10	Chelonia mydas	3833	1.23	0	/	/	0 N
0 03/14/86	00:59	Chelonia mydas	* 3984	1.16	0	/	/	0 N
0 03/14/86	23:36	Chelonia mydas	3831	1.18	0	/	/	0 N
0 03/14/86	23:34	Chelonia mydas	3830	1.13	0	/	/	0 N
0 03/14/86	00:15	Chelonia mydas	* 3738	1.20	0	/	/	0 N
0 03/14/86	00:22	Chelonia mydas	* 3607	1.18	0	/	/	0 N
0 03/14/86	00:25	Chelonia mydas	3835	1.17	0	/	/	0 N
0 03/14/86	00:38	Chelonia mydas	3836	1.17	0	/	/	0 N
0 03/14/86	00:30	Chelonia mydas	* 3982	1.24	0	/	/	0 N
0 03/14/86	00:34	Chelonia mydas	3837	1.18	0	/	/	0 N
0 03/14/86	00:05	Chelonia mydas	3832	1.23	0	/	/	0 N
0 03/14/86	01:05	Chelonia mydas	* 3952	1.06	0	/	/	0 N
0 03/14/86	00:41	Chelonia mydas	3824	1.23	0	/	/	0 N
0 03/14/86	01:02	Chelonia mydas	3838	1.18	0	/	/	0 N
0 03/15/86	21:31	Chelonia mydas	* 3620	1.14	0	/	/	0
0 03/15/86	21:21	Chelonia mydas	* 3788	1.22	0	/	/	0
0 03/15/86	21:33	Chelonia mydas	* 3676	1.26	0	/	/	0 N
0 03/15/86	21:26	Chelonia mydas	3951	1.12	0	/	/	0
0 03/15/86	Chelonia mydas	* 3825	1.18	0	/	/	0	
0 03/15/86	21:39	Chelonia mydas	3955	1.08	0	/	/	0

WATS II SEA TURTLE SURVEY DATA FORMS  
TAMAR PROJECT - BRAZIL - 1985/86  
BEACH: TRINDADE

NEST NESTING DATE 1.TIME 2.SPECIES

3.TAG NUMBER 4.CAR.LENGTH 5.EGGS 6.EMB.DATE 7.HATCHLINGS 11.RELOCATED

0 03/15/86	21:37	Chelonia mydas	*3748	1.11	0	/	/	0
0 03/15/86	21:35	Chelonia mydas	* 3746	1.03	0	/	/	0
0 03/15/86	22:59	Chelonia mydas	*3677	1.19	0	/	/	0 N
0 03/15/86	21:59	Chelonia mydas	* 3624	1.23	0	/	/	0 N
0 03/15/86	22:57	Chelonia mydas	* 3995	1.17	0	/	/	0 N
0 03/15/86	21:51	Chelonia mydas	* 3640	1.21	0	/	/	0 N
0 03/15/86	21:52	Chelonia mydas	* 3799	1.12	0	/	/	0 N
0 03/15/86	23:00	Chelonia mydas	* 3821	1.09	0	/	/	0 N
0 03/15/86	22:01	Chelonia mydas	3956	1.14	0	/	/	0 N
0 03/15/86	22:58	Chelonia mydas	* 3999	1.26	0	/	/	0 N
0 03/15/86	00:01	Chelonia mydas	* 3827	1.10	0	/	/	0 N
0 03/15/86	22:24	Chelonia mydas	3953	1.10	0	/	/	0 N
0 03/15/86	22:26	Chelonia mydas	3958	1.15	0	/	/	0 N
0 03/15/86	22:27	Chelonia mydas	*3808	1.17	0	/	/	0 N
0 03/15/86	23:30	Chelonia mydas	3983	1.17	0	/	/	0 N
0 03/15/86	22:33	Chelonia mydas	4119	1.10	0	/	/	0 N
0 03/15/86	22:11	Chelonia mydas	* 3984	1.16	0	/	/	0 N
0 03/16/86	23:04	Chelonia mydas	* 3951	1.12	0	/	/	0
0 03/16/86	22:57	Chelonia mydas	4123	1.10	0	/	/	0
0 03/16/86	23:15	Chelonia mydas	* 3688	1.00	0	/	/	0
0 03/16/86	22:50	Chelonia mydas	* 3807	1.18	0	/	/	0
0 03/16/86	23:12	Chelonia mydas	*3748	1.11	0	/	/	0
0 03/16/86	23:05	Chelonia mydas	* 3763	1.22	0	/	/	0
0 03/16/86	23:37	Chelonia mydas	* 3793	1.15	0	/	/	0 N
0 03/16/86	23:35	Chelonia mydas	4134	1.16	0	/	/	0 N
0 03/16/86	23:27	Chelonia mydas	* 4124	1.16	0	/	/	0 N
0 03/16/86	23:24	Chelonia mydas	* 3640	1.21	0	/	/	0 N
0 03/16/86	23:32	Chelonia mydas	4125	1.19	0	/	/	0 N
0 03/17/86	23:53	Chelonia mydas	* 3760	1.27	0	/	/	0
0 03/17/86	22:54	Chelonia mydas	* 3712	1.23	0	/	/	0
0 03/17/86	22:57	Chelonia mydas	* 3955	1.08	0	/	/	0
0 03/17/86	23:01	Chelonia mydas	* 3726	1.07	0	/	/	0
0 03/18/86	01:02	Chelonia mydas	* 3778	1.15	0	/	/	0
0 03/18/86	22:00	Chelonia mydas	* 3711	1.26	0	/	/	0
0 03/18/86	21:58	Chelonia mydas	3841	1.11	0	/	/	0
0 03/18/86	21:56	Chelonia mydas	* 3975	1.11	0	/	/	0
0 03/18/86	21:51	Chelonia mydas	3840	1.13	0	/	/	0
0 03/18/86	21:54	Chelonia mydas	* 3756	1.21	0	/	/	0
0 03/18/86	21:52	Chelonia mydas	* 3781	1.18	0	/	/	0
0 03/18/86	01:09	Chelonia mydas	* 3791	1.18	0	/	/	0
0 03/18/86	00:31	Chelonia mydas	* 3742	1.15	0	/	/	0 N
0 03/18/86	00:29	Chelonia mydas	3852	1.16	0	/	/	0 N
0 03/18/86	22:36	Chelonia mydas	3843	1.24	0	/	/	0 N
0 03/18/86	22:33	Chelonia mydas	3842	1.12	0	/	/	0 N
0 03/18/86	22:29	Chelonia mydas	* 3913	1.29	0	/	/	0 N
0 03/18/86	22:23	Chelonia mydas	* 3759	1.07	0	/	/	0 N
0 03/18/86	22:31	Chelonia mydas	* 3820	1.13	0	/	/	0 N
0 03/18/86	23:52	Chelonia mydas	* 3920	1.14	0	/	/	0 N
0 03/18/86	23:41	Chelonia mydas	3847	1.10	0	/	/	0 N

Page No. 13  
09/18/87

WATS II SEA TURTLE SURVEY DATA FORMS  
TAMAR PROJECT - BRAZIL - 1985/86  
BEACH: TRINADE

NEST NESTING DATE 1.TIME 2.SPECIES

3.TAG NUMBER 4.CAR.LENGTH 5.EGGS 6.EMG.DATE 7.HATCHLINGS 11.RELOCATED

0 03/18/86	23:45	Chelonia mydas	3848	1.20	0	/	/	O N
0 03/18/86	23:50	Chelonia mydas	3849	1.20	0	/	/	O N
0 03/18/86	23:51	Chelonia mydas	3850	1.13	0	/	/	O N
0 03/18/86	00:20	Chelonia mydas	3851	1.10	0	/	/	O N
0 03/18/86	22:53	Chelonia mydas	*3751	1.14	0	/	/	O N
0 03/18/86	22:38	Chelonia mydas	3844	1.14	0	/	/	O N
0 03/18/86	23:17	Chelonia mydas	3845	1.13	0	/	/	O N
0 03/18/86	23:21	Chelonia mydas	3846	1.19	0	/	/	O N
0 03/18/86	23:26	Chelonia mydas	*3766	1.14	0	/	/	O N
0 03/18/86	23:14	Chelonia mydas	*3919	1.04	0	/	/	O N
0 03/19/86	22:42	Chelonia mydas	*3791	1.18	0	/	/	O
0 03/19/86	23:58	Chelonia mydas	4131	1.14	0	/	/	O N
0 03/19/86	23:01	Chelonia mydas	4132	1.25	0	/	/	O N
0 03/19/86	23:15	Chelonia mydas	*3650	1.13	0	/	/	O N
0 03/19/86	23:16	Chelonia mydas	*3841	1.11	0	/	/	O N
0 03/19/86	23:35	Chelonia mydas	*3673	1.20	0	/	/	O N
0 03/19/86	23:32	Chelonia mydas	4135	1.23	0	/	/	O N
0 03/19/86	23:30	Chelonia mydas	*3766	1.14	0	/	/	O N
0 03/19/86	23:26	Chelonia mydas	*3756	1.21	0	/	/	O N
0 03/20/86	21:49	Chelonia mydas	*3626	1.10	0	/	/	O N
0 03/20/86	21:54	Chelonia mydas	*3697	1.22	0	/	/	O
0 03/20/86	21:57	Chelonia mydas	*3786	1.14	0	/	/	O
0 03/20/86	22:07	Chelonia mydas	3853	1.12	0	/	/	O N
0 03/20/86	22:08	Chelonia mydas	*3670	1.23	0	/	/	O N
0 03/20/86	22:10	Chelonia mydas	*3674	1.20	0	/	/	O N
0 03/20/86	22:17	Chelonia mydas	*3802	1.14	0	/	/	O N
0 03/20/86	22:19	Chelonia mydas	*3629	1.11	0	/	/	O N
0 03/20/86	22:11	Chelonia mydas	4115	1.14	0	/	/	O N
0 03/20/86	22:18	Chelonia mydas	*3943	1.13	0	/	/	O N
0 03/22/86	23:46	Chelonia mydas	*3776	1.18	0	/	/	O
0 03/22/86	23:43	Chelonia mydas	3855	1.20	0	/	/	O
0 03/22/86	23:30	Chelonia mydas	3854	1.16	0	/	/	O
0 03/22/86	23:35	Chelonia mydas	*3785	1.22	0	/	/	O
0 03/22/86	23:45	Chelonia mydas	3856	1.20	0	/	/	O
0 03/22/86	00:23	Chelonia mydas	*3942	1.15	0	/	/	O N
0 03/22/86	23:44	Chelonia mydas	4137	1.13	0	/	/	O N
0 03/24/86	22:53	Chelonia mydas	*3739	0.00	0	/	/	O
0 03/24/86	22:58	Chelonia mydas	*3903	1.22	0	/	/	O
0 03/24/86	23:00	Chelonia mydas	*3824	1.23	0	/	/	O
0 03/24/86	01:25	Chelonia mydas	3857	1.17	0	/	/	O N
0 03/24/86	01:31	Chelonia mydas	3858	1.13	0	/	/	O N
0 03/24/86	01:32	Chelonia mydas	*3616	1.11	0	/	/	O N
0 03/24/86	01:37	Chelonia mydas	*3650	1.13	0	/	/	O N
0 03/24/86	01:44	Chelonia mydas	3859	1.12	0	/	/	O N
0 03/24/86	01:50	Chelonia mydas	3860	1.14	0	/	/	O N
0 03/24/86	23:16	Chelonia mydas	4138	1.14	0	/	/	O N
0 03/24/86	01:36	Chelonia mydas	*3662	1.20	0	/	/	O N
0 03/24/86	05:33	Chelonia mydas	*3993	1.13	0	/	/	O N
0 03/24/86	05:30	Chelonia mydas	*3710	1.18	0	/	/	O N

Page No. 14  
09/18/87

WATS II SEA TURTLE SURVEY DATA FORMS  
TAMAR PROJECT - BRAZIL - 1985/86  
BEACH: TRINDADE

NEST NESTING DATE 1.TIME 2.SPECIES 3.TAG NUMBER 4.CAR.LENGTH 5.EGGS 6.EMG.DATE 7.HATCHLINGS 11.RELOCATED

0 03/26/86	23:07	Chelonia mydas	* 3622	1.16	0 / /	0
0 03/26/86	23:10	Chelonia mydas	* 3788	1.22	0 / /	0
0 03/26/86	23:15	Chelonia mydas	* 3930	1.04	0 / /	0
0 03/26/86	00:22	Chelonia mydas	* 3944	1.17	0 / /	0
0 03/26/86	23:36	Chelonia mydas	* 3733	1.22	0 / /	0
0 03/26/86	23:38	Chelonia mydas	* 3829	1.15	0 / /	0
0 03/26/86	23:40	Chelonia mydas	* 3901	1.11	0 / /	0
0 03/26/86	23:33	Chelonia mydas	* 3833	1.23	0 / /	0
0 03/26/86	23:33	Chelonia mydas	* 3701	1.10	0 / /	0
0 03/26/86	23:25	Chelonia mydas	* 3606	1.23	0 / /	0
0 03/26/86	00:25	Chelonia mydas	* 3826	1.02	0 / /	0 N
0 03/26/86	00:19	Chelonia mydas	* 3667	1.20	0 / /	0 N
0 03/26/86	00:25	Chelonia mydas	4116	1.13	0 / /	0 N
0 03/26/86	00:26	Chelonia mydas	* 3964	1.11	0 / /	0 N
0 03/27/86	22:10	Chelonia mydas	* 3981	1.14	0 / /	0
0 03/27/86	22:00	Chelonia mydas	* 3612	1.14	0 / /	0 N
0 03/27/86	22:23	Chelonia mydas	* 3826	1.02	0 / /	0
0 03/27/86	22:20	Chelonia mydas	* 3948	1.17	0 / /	0
0 03/27/86	22:15	Chelonia mydas	* 3748	1.11	0 / /	0
0 03/27/86		Chelonia mydas	* 3640	1.21	0 / /	0
0 03/27/86	22:32	Chelonia mydas	* 3825	1.23	0 / /	0
0 03/27/86	22:26	Chelonia mydas	3861	1.18	0 / /	0
0 03/27/86	22:48	Chelonia mydas	* 3827	1.10	0 / /	0 N
0 03/27/86	22:43	Chelonia mydas	* 3821	1.09	0 / /	0 N
0 03/27/86	22:49	Chelonia mydas	* 3984	1.16	0 / /	0 N
0 03/27/86	22:51	Chelonia mydas	* 3793	1.15	0 / /	0 N
0 03/29/86	00:05	Chelonia mydas	* 3687	1.08	0 / /	0
0 03/29/86	00:04	Chelonia mydas	* 4124	1.16	0 / /	0
0 03/29/86	23:40	Chelonia mydas	* 3951	1.12	0 / /	0
0 03/29/86	23:38	Chelonia mydas	* 3791	1.16	0 / /	0 N
0 03/29/86	00:43	Chelonia mydas	* 3976	1.11	0 / /	0
0 03/29/86	22:50	Chelonia mydas	3863	1.24	0 / /	0
0 03/29/86	22:47	Chelonia mydas	* 3751	1.14	0 / /	0
0 03/29/86	22:24	Chelonia mydas	* 3840	1.13	0 / /	0
0 03/29/86	23:24	Chelonia mydas	* 3807	1.18	0 / /	0
0 03/29/86	00:48	Chelonia mydas	3862	1.19	0 / /	0 N
0 03/29/86	00:58	Chelonia mydas	* 3775	1.12	0 / /	0 N
0 03/29/86	23:56	Chelonia mydas	* 3602	1.16	0 / /	0 N
0 03/29/86	23:56	Chelonia mydas	4136	1.18	0 / /	0 N
0 03/29/86	00:02	Chelonia mydas	* 3641	1.21	0 / /	0 N
0 03/30/86	22:32	Chelonia mydas	* 3763	1.22	0 / /	0
0 03/30/86	22:51	Chelonia mydas	* 3742	1.15	0 / /	0
0 03/30/86	23:00	Chelonia mydas	* 3821	1.09	0 / /	0 N
0 03/30/86	23:03	Chelonia mydas	* 4115	1.14	0 / /	0 N
0 03/30/86	23:04	Chelonia mydas	* 3799	1.12	0 / /	0 N
0 03/30/86	23:15	Chelonia mydas	* 3842	1.12	0 / /	0 N
0 03/30/86	23:09	Chelonia mydas	* 3913	1.29	0 / /	0 N
0 03/30/86	23:18	Chelonia mydas	* 3775	1.12	0 / /	0 N
0 03/30/86	23:30	Chelonia mydas	* 3848	1.20	0 / /	0 N

WATS II SEA TURTLE SURVEY DATA FORMS  
TAMAR PROJECT - BRAZIL - 1985/86  
BEACH: TRINDADE

NEST NESTING DATE 1.TIME 2.SPECIES

3.TAG NUMBER 4.CAR.LENGTH 5.EGGS 6.EMG.DATE 7.HATCHLINGS 11.RELOCATED

0 03/30/86	23:37	Chelonia mydas	* 3845	1.13	0 / /	0 N
0 03/30/86	23:18	Chelonia mydas	* 3850	1.13	0 / /	0 N
0 04/05/86	00:22	Chelonia mydas	* 3856	1.20	0 / /	0
0 04/06/86	23:45	Chelonia mydas	* 3710	1.18	0 / /	0
0 04/06/86	23:43	Chelonia mydas	* 3718	1.21	0 / /	0
0 04/06/86	23:46	Chelonia mydas	* 3822	1.16	0 / /	0
0 04/06/86	22:57	Chelonia mydas	* 3857	1.17	0 / /	0 N
0 04/06/86	23:06	Chelonia mydas	4139	1.10	0 / /	0 N
0 04/06/86	23:03	Chelonia mydas	4113	1.13	0 / /	0 N
0 04/10/86	22:08	Chelonia mydas	4109	1.14	0 / /	0
0 04/10/86	23:03	Chelonia mydas	4110	1.23	0 / /	0 N
0 04/10/86	22:24	Chelonia mydas	* 3943	1.13	0 / /	0 N
0 04/10/86	22:17	Chelonia mydas	* 3701	1.10	0 / /	0 N
0 04/10/86	23:06	Chelonia mydas	* 3667	1.20	0 / /	0 N
0 04/10/86	22:19	Chelonia mydas	* 3662	1.19	0 / /	0 N
0 04/11/86	22:23	Chelonia mydas	* 3722	1.14	0 / /	0
0 04/11/86	22:23	Chelonia mydas	* 3622	1.15	0 / /	0 N
0 04/11/86	22:25	Chelonia mydas	* 3712	1.23	0 / /	0 N
0 04/11/86	22:42	Chelonia mydas	* 3845	1.13	0 / /	0 N
0 04/11/86	23:21	Chelonia mydas	* 4115	1.14	0 / /	0 N
0 04/11/86	22:59	Chelonia mydas	* 3843	1.24	0 / /	0 N
0 04/11/86	22:48	Chelonia mydas	* 3849	1.20	0 / /	0 N
0 04/11/86	00:28	Chelonia mydas	* 3602	1.16	0 / /	0 N
0 04/11/86	00:26	Chelonia mydas	3864	1.09	0 / /	0 N
0 04/11/86	00:17	Chelonia mydas	* 3839	1.16	0 / /	0 N
0 04/11/86	00:29	Chelonia mydas	* 3688	1.00	0 / /	0 N
0 04/12/86	23:25	Chelonia mydas	* 3951	1.12	0 / /	0 N
0 04/12/86	23:24	Chelonia mydas	* 3722	1.14	0 / /	0
0 04/12/86	23:20	Chelonia mydas	* 3935	1.24	0 / /	0 N
0 04/12/86	23:03	Chelonia mydas	* 3915	1.19	0 / /	0 N
0 04/12/86	23:19	Chelonia mydas	4111	1.19	0 / /	0 N
0 04/12/86	23:34	Chelonia mydas	4133	1.09	0 / /	0 N
0 04/12/86	23:46	Chelonia mydas	* 3803	1.21	0 / /	0 N
0 04/13/86	23:21	Chelonia mydas	* 3667	1.20	0 / /	0 N
0 04/13/86	23:20	Chelonia mydas	* 3647	1.13	0 / /	0 N
0 04/13/86	23:17	Chelonia mydas	3865	1.10	0 / /	0 N

\*\*\* Total \*\*\*

6890

4685

WATS II SEA TURTLE SURVEY DATA FORM

TABLE III. NESTING BEACH INVENTORY

List Beaches in geographic sequence. Provide additional information on an attached page. Please list each species that occurs on beach on a separate line even if months of occurrence are the same.

COUNTRY BRASIL STATE BAHIA RECORDER \_\_\_\_\_

NAME OF BEACH	LENGTH IN KM	SPECIES NESTING	MONTHS PEAK NESTING	MONTHS RECORDED NESTING
PRAIA DO FORTE AND VINICITIES	55	CARETTA CARETTA	NOVEMBER AND DECEMBER	AUG THROUGH MAR
PRAIA DO FORTE AND VINICITIES	55	CHELONIA MYDAS	_____	FEB AND MAR
PRAIA DO FORTE AND VINICITIES	55	ERETMOCHELYS IMBRICATA	JANUARY AND FEBRUARY	NOV THROUGH MAR
PRAIA DO FORTE AND VINICITIES	55	LEPIDOCHELY'S OLIVACEA	_____	NOV AND DEC
SANTA MARIA (INTERLAGOS)	05	CARETTA CARETTA	OCTOBER AND NOVEMBER	AGO THROUGH JAN
SANTA MARIA (INTERLAGOS)	05	ERETMOCHELYS IMBRICATA	JANUARY AND FEBRUARY	NOV THROUGH FEB
SANTA MARIA (INTERLAGOS)	05	LEPIDOCHELY'S OLIVACEA	_____	JANUARY

C = Caretta caretta; Cm = Chelonia mydas; Dc = Dermochelys coriacea; Ei = Eretmochelys imbricata; Lk = Lepidochelys kempi; L = Lepidochelys olivacea; Ux = Unknown

MATS II SEA TURTLE SURVEY DATA FORMS  
TAMAR PROJECT - BRAZIL - 1986/87  
BEACH: PRAIA DO FORTE

NEST NESTING DATE 1.TIME 2.SPECIES 3.TAG NUMBER 4.CAR.LENGTH 5.EGGS 6.EMG.DATE 7.HATCHLINGS 11.RELOCATED

1 07/26/86	Caretta caretta	0	0.00	100	09/27/86	57 Y	
0 08/13/86	UK	0	0.00	0	/ /	0	
0 08/13/86	UK	0	0.00	0	/ /	0	
2 08/12/86	Caretta caretta	0	0.00	162	10/11/86	120 Y	
3 09/11/86	Caretta caretta	0	0.00	122	11/07/86	92 Y	
4 09/19/86	Caretta caretta	0	0.00	131	11/14/86	105 Y	
5 09/26/86	Caretta caretta	0	0.00	136	11/21/86	115 Y	
6 09/29/86	Caretta caretta	0	0.00	148	11/25/86	124 Y	
8 09/29/86	Caretta caretta	0	0.00	122	11/27/86	44 Y	
7 09/30/86	Caretta caretta	0	0.00	152	11/25/86	124 Y	
9 10/01/86	Caretta caretta	0	0.00	139	11/21/86	101 Y	
11 10/02/86	Caretta caretta	0	0.00	125	12/01/86	71 Y	
10 10/03/86	Caretta caretta	0	0.00	139	12/01/86	64 Y	
0 10/15/86	UK	0	0.00	0	/ /	0	
12 10/05/86	Caretta caretta	0	0.00	74	12/01/86	45 Y	
13 10/05/86	Caretta caretta	0	0.00	76	12/04/86	56 Y	
14 10/06/86	Caretta caretta	0	0.00	143	12/04/86	43 Y	
15 10/06/86	00:04	Caretta caretta	0	0.00	135	12/04/86	99 Y
16 10/07/86	Caretta caretta	0	0.00	145	12/04/86	123 Y	
17 10/08/86	Caretta caretta	0	0.00	126	12/06/86	103 Y	
18 10/08/86	Caretta caretta	0	0.00	51	12/11/86	22 Y	
19 10/10/86	Caretta caretta	0	0.00	82	12/11/86	16 Y	
20 10/10/86	Caretta caretta	0	0.00	137	12/11/86	94 Y	
21 10/10/86	Caretta caretta	0	0.00	130	12/11/86	116 Y	
0 11/01/86	01:00	Caretta caretta	199	0.00	0	/ /	0
22 10/13/86	Caretta caretta	0	0.00	110	12/08/86	103 Y	
23 10/13/86	Caretta caretta	0	0.00	154	12/07/86	124 Y	
0 11/06/86	UK	0	0.00	0	/ /	0	
0 11/06/86	UK	0	0.00	0	/ /	0	
25 10/14/86	Caretta caretta	0	0.00	115	12/09/86	2 Y	
24 10/15/86	Caretta caretta	0	0.00	142	12/07/86	97 Y	
26 10/17/86	Caretta caretta	0	0.00	102	12/13/86	51 Y	
27 10/17/86	Caretta caretta	0	0.00	104	12/13/86	91 Y	
28 10/17/86	Caretta caretta	0	0.00	161	12/16/86	26 Y	
29 10/17/86	Caretta caretta	0	0.00	135	12/14/86	105 Y	
0 11/16/86	22:50	UK	0	0.00	0	/ /	0
0 11/16/86	02:00	UK	0	0.00	0	/ /	0
30 10/19/86	Caretta caretta	0	0.00	96	12/14/86	82 Y	
0 11/18/86	22:00	Caretta caretta	0	0.00	114	01/03/87	109 N
31 10/19/86	Caretta caretta	0	0.00	135	12/13/86	85 Y	
32 10/19/86	Caretta caretta	0	0.00	155	12/13/86	111 Y	
0 11/20/86	00:01	Caretta caretta	4549	0.56	0	/ /	0
0 11/20/86	23:30	Caretta caretta	4550	1.02	0	/ /	0
0 11/20/86	22:30	UK	0	0.00	0	/ /	0
33 10/19/86	Caretta caretta	0	0.00	122	12/13/86	61 Y	
34 10/20/86	Caretta caretta	0	0.00	149	12/16/86	111 Y	
0 11/23/86	00:01	UK	0	0.00	0	/ /	0
35 10/20/86	Caretta caretta	0	0.00	146	/ /	0 Y	
0 11/24/86	02:00	Caretta caretta	4546	1.07	0	/ /	0

Page No. 2  
10/02/87

WATS II SEA TURTLE SURVEY DATA FORMS  
TAMAR PROJECT - BRAZIL - 1986/87  
BEACH: PRAIA DO FORTE

NEST NESTING DATE 1.TIME 2.SPECIES 3.TAG NUMBER 4.CAR.LENGTH 5.EGGS 6.EMG.DATE 7.HATCHLINGS 11.RELOCATED

36	10/20/86	Caretta caretta	0	0.00	171	12/17/86	9	Y	
0	11/25/86	Caretta caretta	0	0.00	134	01/16/87	111	N	
37	10/20/86	Caretta caretta	0	0.00	138	12/17/86	18	Y	
38	10/21/86	Caretta caretta	0	0.00	147	12/17/86	40	Y	
39	10/21/86	19:00	Caretta caretta	0	0.00	151	12/17/86	60	Y
40	10/22/86	Caretta caretta	0	0.00	144	12/20/86	106	Y	
0	12/01/86	22:00	Caretta caretta	4536	1.04	115	01/19/87	76	N
0	12/01/86	01:00	Caretta caretta	4534	1.03	132	01/18/87	120	N
41	10/22/86	Caretta caretta	0	0.00	121	12/20/86	60	Y	
0	12/03/86	03:30	Caretta caretta	0	0.00	101	01/22/87	86	N
0	12/03/86	03:50	UK	0	0.00	0	/	0	
42	10/23/86	Caretta caretta	0	0.00	136	12/20/86	97	Y	
0	12/04/86	21:00	Caretta caretta	4502	0.99	0	/	0	
0	12/04/86	22:00	UK	0	0.00	0	/	0	
0	12/04/86	01:30	UK	0	0.00	0	/	0	
43	10/23/86	Caretta caretta	0	0.00	83	12/22/86	34	Y	
44	10/24/86	04:30	Caretta caretta	0	0.00	146	12/19/86	122	Y
0	12/07/86	23:00	Caretta caretta	4503	0.95	0	/	0	
45	10/24/86	03:00	Caretta caretta	0	0.00	57	12/20/86	74	Y
46	10/24/86	Caretta caretta	0	0.00	154	12/19/86	82	Y	
0	12/09/86	03:30	Caretta caretta	0	0.00	129	01/30/87	87	N
47	10/24/86	Caretta caretta	0	0.00	129	12/18/86	77	Y	
48	10/26/86	Caretta caretta	0	0.00	113	12/22/86	59	Y	
0	12/13/86	02:00	UK	0	0.00	0	/	0	
0	12/14/86	02:00	UK	0	0.00	0	/	0	
49	10/27/86	Caretta caretta	0	0.00	130	12/22/86	59	Y	
0	12/15/86	03:23	UK	0	0.00	0	/	0	
0	12/15/86	02:00	UK	0	0.00	0	/	0	
0	12/15/86	03:15	UK	0	0.00	0	/	0	
50	10/27/86	Caretta caretta	0	0.00	119	12/20/86	74	Y	
0	12/17/86	00:50	Caretta caretta	4536	1.03	0	/	0	
51	10/28/86	Caretta caretta	0	0.00	146	12/22/86	99	Y	
0	12/18/86	01:05	Caretta caretta	4526	1.00	114	02/06/87	77	N
0	12/19/86	Caretta caretta	0	0.00	132	02/06/87	96	N	
52	10/29/86	22:05	Caretta caretta	4542	1.07	151	12/24/86	92	Y
53	10/30/86	Caretta caretta	0	0.00	142	12/24/86	75	Y	
0	12/23/86	23:50	UK	0	0.00	0	/	0	
54	10/31/86	Caretta caretta	0	0.00	170	12/27/86	63	Y	
55	10/31/86	Caretta caretta	0	0.00	108	12/26/86	72	Y	
56	10/31/86	Caretta caretta	0	0.00	134	/	2	Y	
57	10/31/86	Caretta caretta	0	0.00	120	12/25/86	81	Y	
58	11/01/86	Caretta caretta	0	0.00	139	12/25/86	69	Y	
59	11/01/86	Caretta caretta	0	0.00	134	12/25/86	111	Y	
60	11/02/86	Caretta caretta	0	0.00	119	12/30/86	7	Y	
61	11/02/86	Caretta caretta	0	0.00	115	12/30/86	65	Y	
62	11/02/86	Caretta caretta	0	0.00	133	12/29/86	126	Y	
0	01/03/87	01:00	Caretta caretta	4526	1.00	113	02/22/87	61	N
63	11/02/86	Caretta caretta	0	0.00	123	12/30/86	65	Y	
0	01/04/87	23:30	Caretta caretta	4536	1.04	0	/	0	

MATS II SEA TURTLE SURVEY DATA FORMS  
TAMAR PROJECT - BRAZIL - 1986/87  
BEACH: PRAIA DO FORTE

NEST NESTING DATE 1.TIME 2.SPECIES 3.TAG NUMBER 4.CAR.LENGTH 5.EGGS 6.EMG.DATE 7.HATCHLINGS 11.RELOCATED

64	11/03/86	Caretta caretta	0	0.00	104	12/31/86	53	Y	
0	01/06/87	23:00	Eretmochelys imbricata	0	0.00	108	03/07/87	15	N
65	11/04/86	Caretta caretta	0	0.00	137	12/28/86	B1	Y	
66	11/04/86	Caretta caretta	0	0.00	114	12/26/86	76	Y	
67	11/04/86	Caretta caretta	0	0.00	162	12/29/86	88	Y	
68	11/04/86	Caretta caretta	0	0.00	143	12/29/86	69	Y	
69	11/05/86	Caretta caretta	0	0.00	134	12/29/86	23	Y	
70	11/05/86	Caretta caretta	0	0.00	115	12/30/86	52	Y	
71	11/05/86	Caretta caretta	0	0.00	123	01/01/87	95	Y	
72	11/07/86	01:45	Caretta caretta	4544	1.08	134	12/31/86	76	Y
73	11/07/86	Caretta caretta	0	0.00	155	12/31/86	51	Y	
0	01/19/87	UK	0	0.00	0	/	0	N	
0	01/20/87	02:30	Caretta caretta	0	0.00	160	03/07/87	79	N
74	11/08/86	Caretta caretta	0	0.00	104	01/02/87	46	Y	
75	11/08/86	Caretta caretta	0	0.00	93	01/01/87	71	Y	
76	11/08/86	Caretta caretta	0	0.00	135	01/01/87	131	Y	
77	11/09/86	Caretta caretta	0	0.00	175	01/01/87	87	Y	
78	11/09/86	Caretta caretta	0	0.00	119	01/01/87	50	Y	
79	11/09/86	Caretta caretta	0	0.00	110	01/01/87	26	Y	
80	11/10/86	Caretta caretta	0	0.00	121	01/01/87	70	Y	
81	11/10/86	Caretta caretta	0	0.00	113	01/01/87	83	Y	
82	11/10/86	Caretta caretta	0	0.00	89	01/02/87	74	Y	
83	11/11/86	Caretta caretta	0	0.00	163	01/06/87	150	Y	
0	02/02/87	UK	0	0.00	0	/	0		
84	11/11/86	Caretta caretta	0	0.00	137	01/07/87	104	Y	
85	11/11/86	Caretta caretta	0	0.00	134	01/05/87	85	Y	
86	11/11/86	Lepidochelys olivacea	0	0.00	53	01/06/87	47	Y	
87	11/12/86	Caretta caretta	0	0.00	144	01/06/87	97	Y	
88	11/12/86	Caretta caretta	0	0.00	133	01/06/87	125	Y	
89	11/12/86	Caretta caretta	0	0.00	143	01/06/87	59	Y	
90	11/12/86	Eretmochelys imbricata	0	0.00	138	01/09/87	50	Y	
36	01/06/87	Eretmochelys imbricata	0	0.00	114	02/23/87	49	Y	
0	02/11/87	03:00	Caretta caretta	0	0.00	95	04/04/87	3	N
91	11/15/86	Caretta caretta	0	0.00	112	01/06/87	81	Y	
92	11/16/86	Caretta caretta	0	0.00	131	01/09/87	107	Y	
93	11/16/86	Caretta caretta	0	0.00	98	01/08/87	65	Y	
94	11/16/86	Caretta caretta	0	0.00	112	01/08/87	87	Y	
95	11/17/86	03:00	Caretta caretta	0	0.00	112	01/09/87	73	Y
96	11/18/86	Caretta caretta	0	0.00	145	01/08/87	71	Y	
97	11/18/86	Caretta caretta	0	0.00	145	01/11/87	75	Y	
98	11/18/86	Caretta caretta	0	0.00	145	01/08/87	71	Y	
99	11/19/86	22:30	Caretta caretta	0	0.00	139	01/10/87	79	Y
100	11/19/86	01:37	Caretta caretta	4545	1.02	123	01/10/87	101	Y
101	11/19/86	Caretta caretta	0	0.00	90	01/10/87	39	Y	
102	11/20/86	Caretta caretta	0	0.00	138	01/10/87	71	Y	
103	11/20/86	Caretta caretta	0	0.00	121	01/10/87	94	Y	
104	11/20/86	Caretta caretta	0	0.00	100	01/12/87	62	Y	
105	11/21/86	00:24	Caretta caretta	0	0.00	172	01/12/87	109	Y
106	11/21/86	Lepidochelys olivacea	0	0.00	67	01/12/87	56	Y	

WATS II SEA TURTLE SURVEY DATA FORMS  
TAMAR PROJECT - BRAZIL - 1986/87  
BEACH: FRAIA DO FORTE

NEST NESTING DATE 1.TIME 2.SPECIES

3.TAG NUMBER 4.CAR.LENGTH 5.EGGS 6.EMB.DATE 7.HATCHLINGS 11.RELOCATED

107	11/22/86	Caretta caretta	0	0.00	96	01/12/87	78	Y		
108	11/22/86	00:52	Caretta caretta	4544	1.07	155	01/11/87	138	Y	
109	11/23/86	21:05	Caretta caretta	4540	1.02	97	01/16/87	61	Y	
110	11/23/86		Caretta caretta	0	0.00	103	01/13/87	77	Y	
111	11/23/86		Caretta caretta	4548	1.02	137	01/13/87	125	Y	
112	11/23/86		Caretta caretta	0	0.00	173	01/16/87	76	Y	
113	11/24/86	21:30	Caretta caretta	4541	1.04	140	01/12/87	97	Y	
114	11/24/86		Caretta caretta	0	0.00	144	01/16/87	50	Y	
115	11/24/86		Caretta caretta	0	0.00	114	01/17/87	103	Y	
116	11/25/86		Caretta caretta	0	0.00	114	01/18/87	104	Y	
0	03/21/87	UK	0	0.00	0	/	/	0		
117	11/26/86	01:00	Caretta caretta	4532	1.07	136	01/16/87	100	Y	
118	11/26/86		Caretta caretta	0	0.00	137	01/18/87	137	Y	
119	11/26/86		Caretta caretta	0	0.00	133	01/18/87	115	Y	
120	11/27/86		Caretta caretta	0	0.00	166	01/16/87	110	Y	
121	11/27/86		Caretta caretta	0	0.00	54	01/16/87	84	Y	
122	11/28/86		Caretta caretta	0	0.00	109	01/20/87	39	Y	
123	11/28/86	UK	0	0.00	153	/	/	0	Y	
124	11/29/86		Caretta caretta	0	0.00	104	01/20/87	72	Y	
125	11/29/86		Caretta caretta	0	0.00	154	01/20/87	75	Y	
126	11/29/86		Caretta caretta	0	0.00	140	01/20/87	95	Y	
127	11/30/86		Eretmochelys imbricata	0	0.00	92	01/26/87	77	Y	
0	04/06/87	UK	0	0.00	0	/	/	0	N	
129	11/29/86		Caretta caretta	0	0.00	125	01/18/87	77	Y	
128	11/30/86		Caretta caretta	0	0.00	146	01/18/87	113	Y	
130	11/29/86		Caretta caretta	0	0.00	42	01/20/87	14	Y	
131	12/01/86		Caretta caretta	0	0.00	92	01/20/87	78	Y	
132	12/01/86		Caretta caretta	0	0.00	124	01/23/87	93	Y	
133	12/03/86		Caretta caretta	0	0.00	82	01/23/87	45	Y	
134	12/03/86		Caretta caretta	0	0.00	125	01/24/87	81	Y	
135	12/03/86		Caretta caretta	0	0.00	144	01/24/87	78	Y	
136	12/04/86	01:50	Caretta caretta	0	0.00	109	01/25/87	72	Y	
137	12/04/86	02:15	Caretta caretta	4502	0.99	119	01/23/87	56	Y	
0	04/20/87	23:30	UK	0	0.00	0	/	/	0	N
138	12/04/86		Caretta caretta	0	0.00	126	01/23/87	108	Y	
139	12/04/86		Caretta caretta	0	0.00	113	01/24/87	72	Y	
140	12/04/86		Caretta caretta	0	0.00	148	01/23/87	90	Y	
141	12/05/86		Eretmochelys imbricata	0	0.00	132	01/31/87	0	Y	
142	12/07/86	00:38	Caretta caretta	4504	0.95	128	01/24/87	83	Y	
143	12/07/86		Caretta caretta	0	0.00	111	01/27/87	72	Y	
144	12/08/86		Caretta caretta	0	0.00	58	01/27/87	36	Y	
145	12/08/86		Lepidochelys olivacea	0	0.00	79	01/27/87	59	Y	
146	12/08/86		Caretta caretta	0	0.00	52	01/27/87	15	Y	
147	12/09/86		Caretta caretta	0	0.00	117	01/26/87	99	Y	
148	12/10/86		Caretta caretta	0	0.00	175	01/30/87	19	Y	
149	12/11/86		Eretmochelys imbricata	0	0.00	108	01/30/87	32	Y	
150	12/11/86		UK	0	0.00	131	/	/	0	Y
151	12/12/86		Caretta caretta	0	0.00	132	01/28/87	98	Y	
152	12/12/86		Caretta caretta	0	0.00	118	01/30/87	63	Y	

Page No. 5  
10/02/87

WATS II SEA TURTLE SURVEY DATA FORMS  
TAMAR PROJECT - BRAZIL - 1986/87  
BEACH: PRAIA DO FORTE

NEST NESTING DATE 1.TIME 2.SPECIES 3.TAG NUMBER 4.CAR.LENGTH 5.EGGS 6.EMG.DATE 7.HATCHLINGS 11.RELOCATED

153	12/12/86	Caretta caretta	0	0.00	164	01/30/87	122	Y	
154	12/12/86	Caretta caretta	0	0.00	144	01/20/87	103	Y	
155	12/13/86	Caretta caretta	0	0.00	128	01/30/87	112	Y	
156	12/13/86	Eretmochelys imbricata	0	0.00	154	02/04/87	78	Y	
157	12/13/86	Caretta caretta	0	0.00	103	02/06/87	8	Y	
158	12/15/86	Caretta caretta	0	0.00	144	02/02/87	109	Y	
159	12/15/86	04:00	Caretta caretta	0	0.00	129	02/03/87	76	Y
160	12/15/86	Caretta caretta	0	0.00	116	02/04/87	68	Y	
161	12/16/86	UK	0	0.00	151	/ /	0	Y	
162	12/17/86	Eretmochelys imbricata	0	0.00	115	02/05/87	94	Y	
163	12/17/86	Caretta caretta	0	0.00	86	02/05/87	71	Y	
164	12/17/86	Caretta caretta	0	0.00	130	02/05/87	114	Y	
165	12/18/86	Caretta caretta	0	0.00	146	02/05/87	73	Y	
166	12/19/86	Caretta caretta	0	0.00	161	02/08/87	99	Y	
167	12/19/86	Caretta caretta	0	0.00	95	02/06/87	66	Y	
168	12/20/86	22:55	Eretmochelys imbricata	0	0.00	77	02/12/87	47	Y
169	12/20/86	02:00	Caretta caretta	0	0.00	78	02/08/87	45	Y
170	12/20/86	Caretta caretta	0	0.00	117	02/09/87	82	Y	
171	12/21/86	UK	0	0.00	146	/ /	0	Y	
172	12/21/86	UK	0	0.00	74	/ /	0	Y	
173	12/21/86	Eretmochelys imbricata	0	0.00	174	02/13/87	115	Y	
174	12/23/86	01:00	Caretta caretta	0	0.00	109	02/13/87	84	Y
175	12/23/86	01:00	Caretta caretta	0	0.00	134	02/10/87	102	Y
176	12/23/86	03:00	Caretta caretta	0	0.00	103	02/10/87	94	Y
177	12/23/86	Caretta caretta	0	0.00	105	02/10/87	45	Y	
178	12/23/86	Eretmochelys imbricata	0	0.00	153	02/15/87	57	Y	
179	12/23/86	Caretta caretta	0	0.00	118	02/11/87	93	Y	
180	12/23/86	Eretmochelys imbricata	0	0.00	146	02/11/87	127	Y	
181	12/24/86	Lepidochelys olivacea	0	0.00	93	02/10/87	39	Y	
182	12/24/86	Caretta caretta	0	0.00	99	02/13/87	61	Y	
183	12/25/86	Caretta caretta	0	0.00	91	01/05/87	67	Y	
184	12/25/86	Caretta caretta	0	0.00	184	02/12/87	47	Y	
185	12/26/86	Caretta caretta	0	0.00	91	02/13/87	60	Y	
186	12/26/86	Caretta caretta	0	0.00	131	02/14/87	60	Y	
187	12/26/86	Caretta caretta	0	0.00	153	02/14/87	1	Y	
188	12/26/86	Caretta caretta	0	0.00	146	02/16/87	81	Y	
189	12/26/86	Caretta caretta	0	0.00	142	02/16/87	61	Y	
190	12/27/86	Caretta caretta	0	0.00	90	02/18/87	52	Y	
191	12/27/86	Caretta caretta	0	0.00	188	02/16/87	92	Y	
192	12/29/86	Caretta caretta	0	0.00	127	/ /	0	Y	
193	12/29/86	Caretta caretta	0	0.00	65	02/19/87	22	Y	
194	12/29/86	Caretta caretta	0	0.00	143	02/19/87	129	Y	
195	12/29/86	Eretmochelys imbricata	0	0.00	131	02/19/87	62	Y	
196	12/31/86	Eretmochelys imbricata	0	0.00	154	02/23/87	66	Y	
197	12/31/86	Caretta caretta	0	0.00	77	02/23/87	47	Y	
198	12/31/86	Eretmochelys imbricata	0	0.00	147	02/25/87	124	Y	
199	01/01/87	Eretmochelys imbricata	0	0.00	119	02/25/87	82	Y	
200	01/04/87	Eretmochelys imbricata	0	0.00	131	03/03/87	4	Y	
201	01/04/87	Eretmochelys imbricata	0	0.00	140	02/23/87	65	Y	

Page No. 6  
10/02/87

WATS II SEA TURTLE SURVEY DATA FORMS  
TAMAR PROJECT - BRAZIL - 1986/87  
BEACH: PRAIA DO FORTE

NEST NESTING DATE 1.TIME 2.SPECIES 3.TAG NUMBER 4.CAR.LENGTH 5.EGGS 6.EMG.DATE 7.HATCHLINGS 11.RELOCATED

202	01/05/87	23:30	Caretta caretta	0	0.00	99	02/23/87	30	Y
203	01/05/87	04:00	Caretta caretta	0	0.00	152	02/20/87	75	Y
204	01/06/87	22:50	Eretmochelys imbricata	4507	1.00	137	02/24/87	87	Y
205	01/06/87		Eretmochelys imbricata	0	0.00	134	02/27/87	13	Y
206	01/06/87		Caretta caretta	0	0.00	104	02/27/87	40	Y
207	01/08/87		Caretta caretta	0	0.00	114	02/28/87	9	Y
208	01/08/87		Caretta caretta	0	0.00	171	02/27/87	112	Y
209	01/09/87		Eretmochelys imbricata	0	0.00	162	03/04/87	56	Y
210	01/09/87	UK		0	0.00	145	/ /	0	Y
211	01/12/87		Caretta caretta	0	0.00	109	03/03/87	22	Y
212	01/13/87		Eretmochelys imbricata	0	0.00	136	03/05/87	52	Y
213	01/14/87		Caretta caretta	0	0.00	137	03/04/87	67	Y
214	01/16/87		Caretta caretta	0	0.00	148	03/09/87	77	Y
215	01/18/87		Eretmochelys imbricata	0	0.00	125	03/12/87	57	Y
216	01/18/87		Eretmochelys imbricata	0	0.00	175	03/12/87	16	Y
217	01/18/87		Eretmochelys imbricata	0	0.00	134	03/12/87	88	Y
218	01/18/87		Eretmochelys imbricata	0	0.00	125	03/08/87	78	Y
219	01/18/87		Eretmochelys imbricata	0	0.00	120	03/16/87	74	Y
220	01/18/87		Eretmochelys imbricata	0	0.00	133	03/08/87	109	Y
221	01/19/87		Caretta caretta	0	0.00	123	03/10/87	18	Y
222	01/19/87	04:00	Eretmochelys imbricata	0	0.00	131	03/09/87	70	Y
223	01/19/87		Eretmochelys imbricata	0	0.00	114	03/13/87	60	Y
224	01/19/87		Eretmochelys imbricata	0	0.00	125	03/14/87	17	Y
225	01/20/87		Caretta caretta	0	0.00	141	03/08/87	77	Y
226	01/22/87		Caretta caretta	0	0.00	147	03/13/87	20	Y
227	01/22/87		Caretta caretta	0	0.00	119	03/11/87	6	Y
228	01/23/87		Eretmochelys imbricata	0	0.00	182	03/16/87	55	Y
229	01/24/87		Eretmochelys imbricata	0	0.00	142	03/22/87	20	Y
230	01/26/87		Caretta caretta	0	0.00	150	03/13/87	101	Y
231	01/26/87		Eretmochelys imbricata	0	0.00	175	03/20/87	74	Y
232	01/26/87		Eretmochelys imbricata	0	0.00	115	03/21/87	35	Y
233	01/26/87		Caretta caretta	0	0.00	141	03/16/87	105	Y
234	01/26/87		Caretta caretta	0	0.00	138	03/15/87	46	Y
235	01/28/87		UK	0	0.00	129	/ /	0	Y
236	02/01/87		Caretta caretta	0	0.00	107	03/24/87	13	Y
237	02/01/87		Eretmochelys imbricata	0	0.00	184	03/26/87	68	Y
238	02/01/87		Eretmochelys imbricata	0	0.00	162	03/31/87	62	Y
239	02/01/87		Eretmochelys imbricata	0	0.00	134	03/23/87	92	Y
240	02/03/87		Caretta caretta	0	0.00	104	04/01/87	71	Y
241	02/03/87		UK	0	0.00	144	/ /	69	Y
242	02/03/87		Eretmochelys imbricata	0	0.00	144	03/24/87	49	Y
243	02/03/87		Chelonia mydas	0	0.00	109	03/23/87	95	Y
244	02/03/87		UK	0	0.00	140	/ /	33	Y
245	02/04/87		Caretta caretta	0	0.00	135	03/24/87	47	Y
246	02/04/87		Caretta caretta	0	0.00	135	03/27/87	13	Y
247	02/04/87		Eretmochelys imbricata	0	0.00	140	03/30/87	36	Y
248	02/06/87		Caretta caretta	0	0.00	154	03/27/87	38	Y
249	02/09/87		Caretta caretta	0	0.00	108	03/27/87	84	Y
250	02/09/87		Eretmochelys imbricata	0	0.00	142	03/28/87	64	Y

Page No. 7  
10/02/87

WATS II SEA TURTLE SURVEY DATA FORMS  
TAMAR PROJECT - BRAZIL - 1986/87  
BEACH: PRAIA DO FORTE

NEST NESTING DATE 1.TIME 2.SPECIES 3.TAG NUMBER 4.CAR.LENGTH 5.EGGS 6.EMG.DATE 7.HATCHLINGS 11.RELOCATED

251	02/09/87	Caretta caretta	0	0.00	132	03/30/87	7	Y
252	02/11/87	Eretmochelys imbricata	0	0.00	134	04/06/87	25	Y
253	02/11/87	UK	0	0.00	134	/ /	7	Y
254	02/13/87	Caretta caretta	0	0.00	127	04/07/87	7	Y
255	02/17/87	Eretmochelys imbricata	0	0.00	130	04/12/87	18	Y
256	02/17/87	Eretmochelys imbricata	0	0.00	66	04/14/87	25	Y
257	02/17/87	Eretmochelys imbricata	0	0.00	98	04/14/87	22	Y
258	02/18/87	Eretmochelys imbricata	0	0.00	140	04/16/87	60	Y
259	02/19/87	Eretmochelys imbricata	0	0.00	11B	04/16/87	33	Y
260	02/19/87	Eretmochelys imbricata	0	0.00	135	04/11/87	45	Y
261	02/20/87	Eretmochelys imbricata	0	0.00	109	04/17/87	41	Y
262	02/22/87	Eretmochelys imbricata	0	0.00	64	04/15/87	30	Y
263	02/22/87	Eretmochelys imbricata	0	0.00	143	04/17/87	76	Y
264	02/22/87	Caretta caretta	0	0.00	109	04/09/87	76	Y
265	02/22/87	Caretta caretta	0	0.00	168	04/12/87	20	Y
266	02/22/87	UK	0	0.00	104	04/27/87	0	Y
267	02/25/87	Caretta caretta	0	0.00	69	04/14/87	46	Y
268	02/26/87	UK	0	0.00	102	/ /	0	Y
269	02/27/87	Caretta caretta	0	0.00	107	04/14/87	64	Y
270	02/27/87	UK	0	0.00	192	04/27/87	0	Y
271	02/28/87	Caretta caretta	0	0.00	117	04/20/87	1	Y
272	03/02/87	Chelonia mydas	0	0.00	122	04/20/87	101	Y
273	03/05/87	Caretta caretta	0	0.00	85	04/22/87	65	Y
274	03/06/87	UK	0	0.00	165	04/29/87	112	Y
275	03/06/87	UK	0	0.00	122	/ /	0	Y
276	03/12/87	Eretmochelys imbricata	0	0.00	207	05/07/87	92	Y
277	03/14/87	Chelonia mydas	0	0.00	122	05/10/87	2	Y
278	03/16/87	UK	0	0.00	93	/ /	15	Y
279	03/16/87	UK	0	0.00	127	/ /	0	Y
280	03/20/87	UK	0	0.00	108	/ /	87	Y
281	03/21/87	Eretmochelys imbricata	0	0.00	127	05/16/87	44	Y
282	03/21/87	Eretmochelys imbricata	0	0.00	114	05/16/87	44	Y
283	03/21/87	Eretmochelys imbricata	0	0.00	88	05/21/87	57	Y
284	03/26/87	Eretmochelys imbricata	0	0.00	169	05/28/87	119	Y
285	03/31/87	Eretmochelys imbricata	0	0.00	182	05/29/87	19	Y

\*\*\* Total \*\*\*

37761

19733

WATS II SEA TURTLE SURVEY DATA FORMS  
TAMAR PROJECT - BRAZIL - 1986/87  
BEACH: SANTA MARIA

NEST NESTING DATE 1.TIME 2.SPECIES 3.TAG NUMBER 4.CAR.LENGTH 5.EGGS 6.EMG.DATE 7.HATCHLINGS 11.RELOCATED

1 05/23/86	UK	0	0.00	90	/ /	0 Y	
0 06/15/86	UK	0	0.00	0	/ /	0	
2 06/15/86	UK	0	0.00	102	/ /	0 N	
3 08/13/86	UK	0	0.00	107	/ /	0 Y	
4 08/28/86	Caretta caretta	0	0.00	118	10/28/86	112 N	
5 09/13/86	UK	0	0.00	127	/ /	0 Y	
0 09/23/86	UK	0	0.00	0	/ /	0	
6 09/26/86	22:00	Caretta caretta	0	0.00	117	11/20/86	106 N
7 10/02/86	02:00	Caretta caretta	0	0.00	134	11/29/86	85 Y
8 10/06/86	19:30	Caretta caretta	0	0.00	141	12/02/86	132 N
9 10/10/86	Caretta caretta	0	0.00	82	12/05/86	80 Y	
10 10/10/86	02:00	Caretta caretta	0	0.00	127	12/04/86	89 Y
11 10/11/86	20:00	Caretta caretta	0	0.00	145	12/05/86	134 N
12 10/15/86	Caretta caretta	0	0.00	138	12/09/86	101 Y	
13 10/21/86	Caretta caretta	0	0.00	146	12/16/86	93 Y	
14 10/21/86	22:30	Caretta caretta	0	0.00	152	12/14/86	77 Y
15 10/24/86	02:00	Caretta caretta	4551	0.00	134	12/19/86	127 N
0 11/08/86	03:30	UK	0	0.00	0	/ /	0
0 11/11/86	02:15	UK	0	0.00	0	/ /	0
0 11/13/86	04:20	UK	0	0.00	0	/ /	0
16 10/30/86	22:00	Caretta caretta	0	0.00	125	12/24/86	94 N
17 11/04/86	22:00	Caretta caretta	4552	1.00	152	12/26/86	89 Y
18 11/05/86	22:00	Eretmochelys imbricata	0	0.00	137	12/29/86	108 Y
19 11/06/86	04:30	Caretta caretta	0	0.00	101	12/30/86	89 Y
0 11/25/86	00:50	Eretmochelys imbricata	4556	0.95	0	/ /	0
20 11/10/86	01:00	Caretta caretta	4553	1.00	134	01/02/87	92 Y
21 11/15/86	Caretta caretta	0	0.00	84	/ /	79 N	
0 12/09/86	UK	0	0.00	0	/ /	0	
0 12/09/86	UK	0	0.00	0	/ /	0	
22 11/19/86	02:00	Eretmochelys imbricata	4554	1.05	121	01/11/87	102 N
23 11/19/86	02:50	Caretta caretta	0	0.00	143	01/11/87	112 N
24 11/21/86	01:00	Caretta caretta	4555	0.98	83	01/11/87	72 N
25 11/26/86	01:45	Eretmochelys imbricata	4556	0.95	135	01/20/87	113 N
26 11/28/86	23:00	Eretmochelys imbricata	0	0.00	134	01/19/87	88 N
37 11/19/86	22:00	Caretta caretta	0	0.00	148	01/11/87	117 N
27 11/29/86	Caretta caretta	0	0.00	161	01/19/87	127 N	
28 12/02/86	01:50	Caretta caretta	4558	1.06	66	01/21/87	66 N
29 12/02/86	03:00	Caretta caretta	4552	1.01	154	01/20/87	138 N
0 01/02/87	UK	0	0.00	0	/ /	0	
30 12/06/86	Caretta caretta	0	0.00	108	01/24/87	63 Y	
31 12/13/86	03:30	Caretta caretta	0	0.00	175	01/30/87	113 N
32 12/15/86	00:30	Eretmochelys imbricata	4556	0.95	152	02/06/87	108 N
0 01/19/87	16:30	Caretta caretta	4560	1.00	0	/ /	0
0 01/23/87	UK	0	0.00	0	/ /	0	
33 01/04/87	22:30	Eretmochelys imbricata	0	0.00	57	02/21/87	48 N
34 01/04/87	01:30	Caretta caretta	0	0.00	134	02/26/87	100 N
0 02/10/87	22:45	Eretmochelys imbricata	4561	0.85	0	/ /	0
35 01/05/87	01:15	Lepidochelys olivacea	4559	0.71	83	02/23/87	66 N
36 02/11/87	23:30	Eretmochelys imbricata	4561	0.85	98	04/05/87	82 N

Page No. 2  
10/02/87

NATS II SEA TURTLE SURVEY DATA FORMS  
TAMAR PROJECT - BRAZIL - 1986/87  
BEACH: SANTA MARIA

NEST NESTING DATE 1.TIME 2.SPECIES 3.TAG NUMBER 4.CAR.LENGTH 5.EGGS 6.EMG.DATE 7.HATCHLINGS 11.RELOCATED

39	02/12/87	Eretmochelys imbricata	0	0.00	152	04/04/87	81	N
40	02/24/87	Eretmochelys imbricata	0	0.00	146	04/19/87	96	Y
41	03/25/87	UK	0	0.00	0	/ /	0	N
*** Total ***					4845		3379	

WATS II SEA TURTLE SURVEY DATA FORM

TABLE III. NESTING BEACH INVENTORY

List Beaches in geographic sequence. Provide additional information on an attached page. Please list each species that occurs on beach on a separate line even if months of occurrence are the same.

COUNTRY BRASIL STATE SERGIPE RECORDER

= Caretta caretta; Cm = Chelonia mydas; Dc = Dermochelys coriacea; Ei = Eretmochelys  
bricita; Lk = Lepidochelys kempi; = Lepidochelys olivacea = Uk = Unknown

Page No. 1  
10/02/87

NATS II SEA TURTLE SURVEY DATA FORMS  
TAMAR PROJECT - BRAZIL - 1986/87  
BEACH: PIRAMBU

NEST NESTING DATE 1.TIME 2.SPECIES 3.TAG NUMBER 4.CAR.LENGTH 5.EGGS 6.EMG.DATE 7.HATCHLINGS 11.RELOCATED

1	10/22/86	21:20	Lepidochelys olivacea	0	0.00	126	12/12/86	109	Y
2	10/23/86	22:17	Caretta caretta	0	0.00	145	12/14/86	129	Y
0	10/27/86	02:20	UK	0	0.00	0	/ /	0	
3	10/25/86	23:11	Caretta caretta	823	0.95	120	12/20/86	113	Y
4	10/26/86	02:37	Caretta caretta	878	0.92	120	12/19/86	107	Y
5	10/26/86	02:56	Caretta caretta	0	0.00	134	12/19/86	121	Y
6	10/26/86	03:47	Lepidochelys olivacea	0	0.00	127	12/19/86	113	Y
7	10/27/86	02:33	Caretta caretta	0	0.00	60	12/23/86	57	Y
0	11/03/86	02:17	UK	0	0.00	0	/ /	0	N
8	10/28/86	03:27	Lepidochelys olivacea	0	0.00	105	12/23/86	93	Y
0	11/06/86	22:18	UK	0	0.00	0	/ /	0	
0	11/06/86	22:40	UK	0	0.00	0	/ /	0	
9	10/29/86	04:12	Lepidochelys olivacea	0	0.00	138	12/29/86	97	Y
0	11/07/86	21:15	Lepidochelys olivacea	880	0.71	0	/ /	0	
0	11/07/86	22:28	UK	0	0.00	0	/ /	0	
0	11/08/86	23:57	UK	0	0.00	0	/ /	0	
10	11/01/86	04:47	Lepidochelys olivacea	879	0.71	109	12/29/86	89	Y
0	11/11/86	01:27	Lepidochelys olivacea	882	0.72	0	/ /	0	
11	11/07/86	20:58	Lepidochelys olivacea	879	0.72	104	01/02/87	83	Y
12	11/07/86	21:37	Caretta caretta	881	0.93	133	01/02/87	79	Y
13	11/07/86	23:10	Caretta caretta	0	0.00	120	01/03/87	109	Y
14	11/06/86	00:14	Caretta caretta	823	0.95	84	01/03/87	79	Y
0	11/22/86	20:45	UK	0	0.00	0	/ /	0	
0	11/23/86	00:32	UK	0	0.00	0	/ /	0	
15	11/05/86	00:20	Caretta caretta	683	0.92	132	01/03/87	115	Y
0	11/24/86	22:12	UK	0	0.00	0	/ /	0	
16	11/09/86	01:32	Caretta caretta	0	0.00	132	01/03/87	105	Y
0	11/25/86	02:27	UK	0	0.00	0	/ /	0	
17	11/05/86	02:20	Caretta caretta	0	0.00	142	01/04/87	111	Y
0	11/26/86	04:47	UK	0	0.00	0	/ /	0	
18	11/09/86	04:17	Caretta caretta	0	0.00	83	01/04/87	60	Y
0	11/27/86	02:33	UK	0	0.00	0	/ /	0	
19	11/10/86	00:27	Lepidochelys olivacea	0	0.00	125	01/04/87	87	Y
20	11/10/86	02:20	Caretta caretta	0	0.00	146	01/04/87	108	Y
0	11/30/86	05:58	UK	0	0.00	142	/ /	0	N
0	12/01/86	04:45	UK	0	0.00	0	/ /	0	
0	12/05/86	20:12	UK	0	0.00	0	/ /	0	
0	12/06/86	00:12	UK	0	0.00	0	/ /	0	
0	12/06/86	23:48	UK	0	0.00	0	/ /	0	
21	11/16/86	19:38	Caretta caretta	0	0.00	130	01/05/87	113	Y
0	12/08/86	04:46	UK	0	0.00	0	/ /	0	
22	11/20/86	20:57	Caretta caretta	0	0.00	149	01/12/87	136	Y
23	11/20/86	21:38	Lepidochelys olivacea	0	0.00	100	01/13/87	83	Y
24	11/21/86	15:19	Caretta caretta	0	0.00	146	01/13/87	110	Y
25	11/22/86	21:05	Lepidochelys olivacea	0	0.00	117	01/13/87	110	Y
26	11/22/86	00:17	Caretta caretta	0	0.00	117	01/14/87	119	Y
27	11/23/86	00:56	Caretta caretta	0	0.00	129	01/15/87	119	Y
0	12/21/86	22:33	UK	0	0.00	0	/ /	0	
28	11/24/86	02:27	Lepidochelys olivacea	0	0.00	133	01/15/87	118	Y

WATS II SEA TURTLE SURVEY DATA FORMS  
TAMAR PROJECT - BRAZIL - 1986/87  
BEACH: PIRAMEU

NEST	NESTING DATE	1.TIME	2.SPECIES	3.TAG NUMBER	4.CAR.	5.LENGTH	6.EGGS	7.DATE	8.HATCHLINGS	9.RELOCATED
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29	11/25/86	00:42	Caretta caretta	878	0.92	119	01/15/87		101	Y
30	11/26/86	01:38	Lepidochelys olivacea	0	0.00	120	01/19/87		108	Y
31	11/27/86	02:19	Lepidochelys olivacea	0	0.00	120	01/19/87		98	Y
32	11/28/86	04:22	Lepidochelys olivacea	0	0.00	133	01/21/87		125	Y
33	11/29/86	02:48	Lepidochelys olivacea	0	0.00	98	01/21/87		97	Y
34	11/29/86	03:10	Lepidochelys olivacea	0	0.00	114	01/21/87		101	Y
35	11/29/86	03:23	Lepidochelys olivacea	0	0.00	113	01/22/87		90	Y
36	11/30/86	03:12	Lepidochelys olivacea	0	0.00	120	01/22/87		112	Y
0	01/05/87	00:36	UK	0	0.00	103	/ /		0	N
0	01/05/87	01:12	UK	0	0.00	112	/ /		0	N
37	11/30/86	03:17	Caretta caretta	0	0.00	144	01/21/87		105	Y
38	11/30/86	03:22	Caretta caretta	0	0.00	97	01/21/87		73	Y
40	11/29/86	04:57	Lepidochelys olivacea	0	0.00	104	01/23/87		60	Y
39	11/30/86	04:25	Lepidochelys olivacea	0	0.00	110	01/22/87		106	Y
0	01/05/87	02:57	UK	0	0.00	0	/ /		0	
41	12/01/86	05:47	Caretta caretta	0	0.00	157	01/23/87		126	Y
0	01/11/87	02:40	UK	0	0.00	0	/ /		0	
0	01/14/87	04:58	UK	0	0.00	0	/ /		0	
42	12/05/86	00:12	Caretta caretta	0	0.00	148	01/23/87		120	Y
43	12/06/86	01:10	Lepidochelys olivacea	0	0.00	136	01/25/87		103	Y
44	12/07/86	23:31	Caretta caretta	884	0.92	125	01/26/87		120	Y
45	12/07/86	01:10	Caretta caretta	885	0.93	130	01/28/87		110	Y
46	12/07/86	03:46	Lepidochelys olivacea	0	0.00	89	01/29/87		76	Y
47	12/08/86	02:25	Lepidochelys olivacea	0	0.00	100	01/29/87		73	Y
48	12/08/86	02:33	Lepidochelys olivacea	0	0.00	96	01/29/87		80	Y
49	12/09/86	01:28	Lepidochelys olivacea	0	0.00	152	01/29/87		99	Y
50	12/09/86	03:37	Lepidochelys olivacea	0	0.00	99	02/05/87		89	Y
51	12/12/86	04:45	Lepidochelys olivacea	0	0.00	83	02/03/87		60	Y
0	02/01/87	00:15	UK	0	0.00	0	/ /		0	
52	12/12/86	05:05	Caretta caretta	0	0.00	111	02/01/87		96	Y
0	02/03/87	00:50	Caretta caretta	866	0.00	0	/ /		0	
53	12/14/86	03:35	Lepidochelys olivacea	0	0.00	70	02/05/87		65	Y
54	12/15/86	04:58	Lepidochelys olivacea	0	0.00	142	02/05/87		116	Y
55	12/16/86	05:37	Lepidochelys olivacea	0	0.00	118	02/05/87		87	Y
56	12/18/86	23:17	Lepidochelys olivacea	0	0.00	125	02/05/87		115	Y
57	12/18/86	20:25	Lepidochelys olivacea	0	0.00	117	02/08/87		92	Y
58	12/18/86	20:41	Caretta caretta	0	0.00	118	02/08/87		18	Y
59	12/20/86	22:19	Caretta caretta	0	0.00	139	02/09/87		69	Y
60	12/20/86	22:27	Caretta caretta	0	0.00	135	02/11/87		118	Y
61	12/21/86	21:27	Caretta caretta	886	0.92	146	02/11/87		130	Y
62	12/21/86	21:34	Caretta caretta	887	0.91	140	02/11/87		98	Y
63	12/21/86	22:09	Lepidochelys olivacea	0	0.00	97	02/13/87		93	Y
64	12/21/86	22:21	Lepidochelys olivacea	0	0.00	84	02/12/87		72	Y
65	12/21/86	22:29	Caretta caretta	888	0.90	146	02/12/87		120	Y
66	12/22/86	00:23	Caretta caretta	884	0.92	134	02/12/87		88	Y
67	12/22/86	01:12	Lepidochelys olivacea	0	0.00	95	02/12/87		82	Y
68	12/23/86	01:23	Caretta caretta	0	0.00	120	02/13/87		98	Y
69	12/23/86	01:34	Caretta caretta	0	0.00	100	02/14/87		79	Y
70	12/24/86	01:17	Lepidochelys olivacea	0	0.00	106	02/13/87		95	Y

Page No. 3  
10/02/87

WATS II SEA TURTLE SURVEY DATA FORMS  
TAMAR PROJECT - BRAZIL - 1986/87  
BEACH: PIRAMBU

NEST NESTING DATE 1.TIME 2.SPECIES 3.TAG NUMBER 4.CAR.LENGTH 5.EGGS 6.EMG.DATE 7.HATCHLINGS 11.RELOCATED

71	12/24/86	02:22	Caretta caretta	0	0.00	142	02/17/87	63 Y
72	12/24/86	03:05	Caretta caretta	0	0.00	120	02/17/87	45 Y
73	12/26/86	00:52	Caretta caretta	0	0.00	120	02/17/87	68 Y
74	12/27/86	02:37	Caretta caretta	0	0.00	148	02/18/87	86 Y
75	12/27/86	02:58	Lepidochelys olivacea	0	0.00	107	02/19/87	29 Y
76	12/29/86	03:23	Caretta caretta	0	0.00	62	02/21/87	48 Y
77	12/30/86	04:20	Caretta caretta	0	0.00	61	02/23/87	43 Y
78	01/05/87	23:17	Caretta caretta	0	0.00	135	02/25/87	101 Y
79	01/05/87	00:22	Lepidochelys olivacea	0	0.00	100	02/26/87	83 Y
80	01/06/87	01:22	Lepidochelys olivacea	0	0.00	112	02/26/87	80 Y
81	01/06/87	02:17	Caretta caretta	0	0.00	130	02/25/87	86 Y
82	01/08/87	01:40	Lepidochelys olivacea	889	0.58	124	02/27/87	95 Y
83	01/08/87	01:57	Lepidochelys olivacea	891	0.68	89	02/26/87	93 Y
84	01/08/87	02:40	Lepidochelys olivacea	0	0.00	101	03/02/87	69 Y
85	01/11/87	03:25	Caretta caretta	890	0.83	143	03/03/87	112 Y
86	01/11/87	03:51	Lepidochelys olivacea	0	0.00	128	03/03/87	86 Y
87	01/13/87	04:37	Lepidochelys olivacea	0	0.00	140	03/05/87	81 Y
88	01/16/87	UK		0	0.00	120	/ /	0 Y
89	01/18/87	22:45	Lepidochelys olivacea	0	0.00	122	03/11/87	68 Y
90	01/19/87	20:15	Lepidochelys olivacea	0	0.00	153	03/12/87	131 Y
91	01/21/87	23:29	Caretta caretta	888	0.90	144	03/14/87	104 Y
92	01/24/87	04:30	Caretta caretta	0	0.00	125	03/16/87	67 Y
93	01/24/87		Lepidochelys olivacea	0	0.00	97	03/16/87	77 Y
94	01/27/87	20:57	Lepidochelys olivacea	0	0.00	139	03/20/87	100 Y
95	01/28/87	04:20	Lepidochelys olivacea	891	0.68	179	03/21/87	135 Y
96	02/01/87	20:19	Lepidochelys olivacea	892	0.70	125	03/22/87	112 Y
97	02/02/87	21:22	Lepidochelys olivacea	893	0.74	91	03/23/87	80 Y
98	02/02/87	01:47	Caretta caretta	0	0.00	110	03/23/87	77 Y
99	02/03/87	22:41	Lepidochelys olivacea	0	0.00	131	03/24/87	117 Y
100	02/05/87	00:32	Lepidochelys olivacea	0	0.00	147	03/25/87	127 Y
101	02/09/87	04:51	Lepidochelys olivacea	0	0.00	100	03/28/87	87 Y
102	02/12/87	05:47	Lepidochelys olivacea	0	0.00	141	04/03/87	117 Y
103	02/19/87	23:05	Lepidochelys olivacea	0	0.00	100	04/18/87	82 Y
104	02/26/87	03:44	Lepidochelys olivacea	0	0.00	129	04/22/87	89 Y
105	03/03/87	21:12	Lepidochelys olivacea	0	0.00	127	04/28/87	14 Y
106	03/12/87	04:33	Lepidochelys olivacea	0	0.00	169	05/01/87	122 Y
107	03/25/87	02:37	Lepidochelys olivacea	0	0.00	145	05/17/87	80 Y
108	03/25/87	03:21	Lepidochelys olivacea	0	0.00	169	05/17/87	96 Y

\*\*\* Total \*\*\*

13438

10025

**WATS. II SEA TURTLE SURVEY DATA FORM**

TABLE III. NESTING BEACH INVENTORY

List Beaches in geographic sequence. Provide additional information on an attached page. Please list each species that occurs on beach on a separate line even if months of occurrence are the same.

COUNTRY BRASIL STATE T.F. DE FERNANDO DE NORONHA RECORDER

c = Caretta caretta; Cm = Chelonia mydas; Dc = Dermochelys coriacea; Ei = Eretmochelys imbricata; Lk = Lepidochelys kempi; = Lepidochelys olivacea = Uk = Unknown

Page No. 1  
09/15/87

WATS II SEA TURTLE SURVEY DATA FORMS  
TAMAR PROJECT - BRAZIL - 1986/87  
BEACH: FERNANDO DE NORONHA

NEST NESTING DATE 1.TIME 2.SPECIES 3.TAG NUMBER 4.CAR.LENGTH 5.EGGS 6.EMG.DATE 7.HATCHLINGS 11.RELOCATED

1 01/27/87		Chelonia mydas	0	0.00	90	03/19/87	71	N
0 02/02/87		Chelonia mydas	0	0.00	0	/ /	0	
0 02/04/87		Chelonia mydas	0	0.00	0	/ /	0	
0 02/05/87		Chelonia mydas	0	0.00	0	/ /	0	
0 02/05/87		Chelonia mydas	0	0.00	0	/ /	0	
0 02/07/87		Chelonia mydas	0	0.00	0	/ /	0	
0 02/07/87		Chelonia mydas	0	0.00	0	/ /	0	
4 02/05/87		Chelonia mydas	4072	1.12	97	03/27/87	83	N
0 02/11/87	04:00	Chelonia mydas	0	0.00	0	/ /	0	
9 02/08/87		Chelonia mydas	0	0.00	153	/ /	17	N
0 02/17/87	21:45	Chelonia mydas	0	0.00	0	/ /	0	
0 02/18/87	23:00	Chelonia mydas	0	0.00	0	/ /	0	
0 02/19/87	03:10	Chelonia mydas	0	0.00	0	/ /	0	
0 02/23/87	02:10	Chelonia mydas	0	0.00	0	/ /	0	
11 02/13/87	22:00	Chelonia mydas	4071	1.18	132	04/05/87	45	N
13 02/17/87	22:00	Chelonia mydas	4070	1.23	64	04/09/87	55	N
0 03/02/87	21:15	Chelonia mydas	0	0.00	0	/ /	0	
0 03/02/87	23:00	Chelonia mydas	0	0.00	0	/ /	0	
0 03/02/87	00:40	Chelonia mydas	4068	1.23	0	/ /	0	
0 03/03/87		Chelonia mydas	0	0.00	0	/ /	0	
0 03/05/87	21:30	Chelonia mydas	0	0.00	0	/ /	0	
16 02/18/87		Chelonia mydas	0	0.00	125	04/10/87	96	N
0 03/10/87		Chelonia mydas	0	0.00	0	/ /	0	
0 03/10/87		Chelonia mydas	0	0.00	0	/ /	0	
0 03/11/87		Chelonia mydas	0	0.00	0	/ /	0	
0 03/11/87		Chelonia mydas	0	0.00	0	/ /	0	
0 03/11/87		Chelonia mydas	0	0.00	0	/ /	0	
0 03/12/87	23:53	Chelonia mydas	0	0.00	0	/ /	0	
0 03/12/87	22:40	Chelonia mydas	4059	1.08	0	05/03/87	59	Y
0 03/12/87	23:55	Chelonia mydas	0	0.00	0	/ /	0	
0 03/12/87	23:50	Chelonia mydas	0	0.00	0	/ /	0	
0 03/12/87		Chelonia mydas	0	0.00	0	/ /	0	
0 03/12/87	23:45	Chelonia mydas	0	0.00	0	/ /	0	
0 03/13/87	23:05	Chelonia mydas	4057	1.21	0	/ /	0	
19 02/27/87	22:45	Chelonia mydas	0	0.00	137	04/20/87	130	N
20 03/01/87	21:30	Chelonia mydas	* 4070	1.23	116	04/23/87	109	N
21 03/01/87	22:00	Chelonia mydas	4072	1.12	108	04/25/87	101	N
0 03/22/87		Chelonia mydas	0	0.00	0	/ /	0	
0 03/23/87		Chelonia mydas	0	0.00	0	/ /	0	
0 03/24/87		Chelonia mydas	0	0.00	0	/ /	0	
0 03/26/87	21:45	Chelonia mydas	0	0.00	0	/ /	0	
25 03/03/87		Chelonia mydas	0	0.00	115	04/23/87	103	N
0 04/02/87		Chelonia mydas	0	0.00	0	/ /	0	
0 04/06/87	19:45	UK	0	0.00	0	/ /	0	
33 03/11/87		Chelonia mydas	0	0.00	150	/ /	142	N
0 04/14/87		UK	0	0.00	0	/ /	0	
0 04/14/87		UK	0	0.00	0	/ /	0	
39 03/12/87	23:53	Chelonia mydas	0	0.00	112	/ /	105	N
42 03/13/87	04:00	Chelonia mydas	0	0.00	106	/ /	99	N

Page No. 2  
09/15/87

MATS II SEA TURTLE SURVEY DATA FORMS  
TAMAR PROJECT - BRAZIL - 1986/87  
BEACH: FERNANDO DE NORONHA

NEST NESTING DATE 1.TIME 2.SPECIES 3.TAG NUMBER 4.CAR.LENGTH 5.EGGS 6.EMG.DATE 7.HATCHLINGS 11.RELOCATED

0 04/24/87		UK	0	0.00	0 / /	0
43 03/14/87	04:00	<i>Chelonia mydas</i>	0	0.00	118 / /	98 N
45 03/23/87		<i>Chelonia mydas</i>	0	0.00	142 05/14/87	117 N
47 03/23/87		<i>Chelonia mydas</i>	0	0.00	112 / /	105 N
51 03/24/87		<i>Chelonia mydas</i>	0	0.00	123 / /	119 N
52 03/24/87		<i>Chelonia mydas</i>	0	0.00	117 05/14/87	99 N
53 03/25/87		<i>Chelonia mydas</i>	0	0.00	115 / /	40 N
56 04/03/87		<i>Chelonia mydas</i>	0	0.00	123 05/25/87	101 N
57 04/03/87		<i>Chelonia mydas</i>	0	0.00	59 / /	0 N
58 04/03/87		<i>Chelonia mydas</i>	0	0.00	128 05/25/87	112 N
59 04/04/87		<i>Chelonia mydas</i>	0	0.00	145 / /	116 N
60 04/04/87		<i>Chelonia mydas</i>	0	0.00	119 05/25/87	113 N
62 04/06/87	01:10	<i>Chelonia mydas</i>	0	0.00	119 05/31/87	63 N
65 04/14/87		<i>Chelonia mydas</i>	0	0.00	128 06/03/87	75 N
66 04/14/87		<i>Chelonia mydas</i>	0	0.00	93 06/05/87	81 N
67 04/14/87		<i>Chelonia mydas</i>	0	0.00	102 / /	35 N
68 04/19/87		<i>Chelonia mydas</i>	0	0.00	115 / /	101 N
70 04/25/87		<i>Chelonia mydas</i>	0	0.00	124 / /	121 N
72 05/05/87		<i>Chelonia mydas</i>	0	0.00	112 06/27/87	72 N
73 05/06/87		<i>Chelonia mydas</i>	0	0.00	135 06/28/87	130 N
14 / /		<i>Chelonia mydas</i>	0	0.00	96 04/03/87	27 N
44 / /		<i>Chelonia mydas</i>	0	0.00	93 / /	55 N
71 / /		<i>Chelonia mydas</i>	0	0.00	100 / /	93 N
74 / /		<i>Chelonia mydas</i>	0	0.00	102 / /	95 N

\*\*\* Total \*\*\*

4127

3183

**WATS II SEA TURTLE SURVEY DATA FORM**

**TABLE III. NESTING BEACH INVENTORY**

List Beaches in geographic sequence. Provide additional information on an attached page. Please list each species that occurs on beach on a separate line even if months of occurrence are the same.

COUNTRY BRASIL STATE RIO GRANDE DO NORTE RECORDER

c = Caretta caretta; Cm = Chelonia mydas; Dc = Dermochelys coriacea; Ei = Eretmochelys imbricata; Lk = Lepidochelys kempii; L = Lepidochelys olivacea; U = Unknown

Page No. 1  
09/15/87

WATS II SEA TURTLE SURVEY DATA FORMS  
TAMAR PROJECT - BRAZIL - 1982  
BEACH: ATOL DAS ROCAS

NEST NESTING DATE 1.TIME 2.SPECIES 3.TAG NUMBER 4.CAR.LENGTH 5.EGGS 6.EMG.DATE 7.HATCHLINGS 11.RELOCATED

0 01/18/82	Chelonia mydas	24	1.10	0 / /	0 N
0 01/22/82	Chelonia mydas	21	1.20	0 / /	0
0 01/22/82	Chelonia mydas	* 20	1.12	0 / /	0 N
0 01/23/82	Chelonia mydas	24	1.10	0 / /	0
0 01/23/82	Chelonia mydas	27	1.15	0 / /	0
0 01/23/82	Chelonia mydas	25	1.05	0 / /	0 N
0 01/23/82	Chelonia mydas	26	1.15	0 / /	0 N
0 01/24/82	Chelonia mydas	39	1.11	0 / /	0 N
0 01/24/82	Chelonia mydas	29	1.20	0 / /	0 N
0 01/24/82	Chelonia mydas	30	1.08	0 / /	0 N
0 01/25/82	Chelonia mydas	27	1.15	0 / /	0 N
0 01/25/82	Chelonia mydas	42	1.12	0 / /	0
0 01/25/82	Chelonia mydas	40	1.16	0 / /	0
0 01/25/82	Chelonia mydas	31	1.12	0 / /	0 N
0 01/27/82	Chelonia mydas	* 40	1.16	0 / /	0 N
0 01/28/82	Chelonia mydas	33	1.12	0 / /	0
0 01/29/82	Chelonia mydas	* 42	1.12	0 / /	0
0 01/30/82	Chelonia mydas	* 33	1.12	0 / /	0
0 01/30/82	Chelonia mydas	35	1.12	0 / /	0
0 01/30/82	Chelonia mydas	34	1.16	0 / /	0 N
0 01/31/82	Chelonia mydas	53	1.22	0 / /	0 N
0 01/31/82	Chelonia mydas	51	1.11	0 / /	0 N
0 02/01/82	Chelonia mydas	55	1.09	0 / /	0
0 02/01/82	Chelonia mydas	* 39	1.11	0 / /	0
0 02/01/82	Chelonia mydas	* 33	1.12	0 / /	0 N
0 02/01/82	Chelonia mydas	54	1.12	0 / /	0 N
0 02/02/82	Chelonia mydas	56	1.10	0 / /	0 N
0 02/02/82	Chelonia mydas	36	1.09	0 / /	0 N
0 02/03/82	Chelonia mydas	* 21	1.20	0 / /	0 N
0 02/03/82	Chelonia mydas	* 20	1.12	0 / /	0 N
0 02/03/82	Chelonia mydas	38	0.00	0 / /	0 N
0 02/03/82	Chelonia mydas	48	1.20	0 / /	0 N
0 02/03/82	Chelonia mydas	* 29	1.20	0 / /	0 N
0 02/04/82	Chelonia mydas	* 26	1.15	0 / /	0 N
0 02/04/82	Chelonia mydas	* 25	1.05	0 / /	0
0 02/04/82	Chelonia mydas	* 25	1.05	0 / /	0
0 02/04/82	Chelonia mydas	* 37	1.12	0 / /	0
0 02/05/82	Chelonia mydas	25	1.05	0 / /	0 N
0 02/05/82	Chelonia mydas	* 37	1.12	107 / /	0 N
0 02/05/82	Chelonia mydas	* 39	1.11	0 / /	0
0 02/06/82	Chelonia mydas	61	1.05	0 / /	0
0 02/07/82	Chelonia mydas	72	1.10	0 / /	0
0 02/08/82	Chelonia mydas	* 31	1.12	0 / /	0
0 02/08/82	Chelonia mydas	73	1.20	0 / /	0 N
0 02/10/82	Chelonia mydas	* 40	1.16	0 / /	0 N
0 02/10/82	Chelonia mydas	67	1.11	0 / /	0
0 02/10/82	Chelonia mydas	43	0.00	0 / /	0
0 02/10/82	Chelonia mydas	* 42	1.12	0 / /	0
0 02/10/82	Chelonia mydas	66	0.00	0 / /	0

MATS II SEA TURTLE SURVEY DATA FORMS  
TAMAR PROJECT - BRAZIL - 1982  
BEACH: ATOL DAS ROCAS

NEST NESTING DATE 1.TIME 2.SPECIES

3.TAG NUMBER 4.CAR.LENGTH 5.EGGS 6.EMG.DATE 7.HATCHLINGS 11.RELOCATED

0 02/11/82	Chelonia mydas	* 42	1.12	0	/	/	0
0 02/12/82	Chelonia mydas	* 51	1.11	0	/	/	0
0 02/12/82	Chelonia mydas	79	0.00	0	/	/	0 N
0 02/12/82	Chelonia mydas	101	0.00	0	/	/	0
0 02/12/82	Chelonia mydas	* 34	1.16	0	/	/	0
0 02/12/82	Chelonia mydas	* 43	0.00	0	/	/	0 N
0 02/12/82	Chelonia mydas	81	1.20	0	/	/	0
0 02/12/82	Chelonia mydas	* 53	1.22	0	/	/	0
0 02/13/82	Chelonia mydas	* 26	1.15	0	/	/	0
0 02/13/82	Chelonia mydas	* 29	1.20	0	/	/	0
0 02/14/82	Chelonia mydas	* 21	1.20	0	/	/	0 N
0 02/14/82	Chelonia mydas	* 29	1.20	0	/	/	0 N
0 02/14/82	Chelonia mydas	* 33	1.12	0	/	/	0
0 02/15/82	Chelonia mydas	104	1.16	0	/	/	0
0 02/15/82	Chelonia mydas	* 54	1.12	0	/	/	0 N
0 02/15/82	Chelonia mydas	* 48	1.20	0	/	/	0 N
0 02/16/82	Chelonia mydas	* 20	1.12	0	/	/	0 N
0 02/16/82	Chelonia mydas	* 38	0.00	0	/	/	0
0 02/16/82	Chelonia mydas	* 55	1.09	0	/	/	0
0 02/16/82	Chelonia mydas	* 48	1.20	0	/	/	0
0 02/17/82	Chelonia mydas	* 25	1.05	0	/	/	0
0 02/17/82	Chelonia mydas	89	1.09	0	/	/	0
0 02/17/82	Chelonia mydas	* 36	1.09	0	/	/	0
0 02/17/82	Chelonia mydas	* 30	1.08	0	/	/	0
0 02/18/82	Chelonia mydas	* 37	1.12	0	/	/	0 N
0 02/18/82	Chelonia mydas	* 31	1.12	0	/	/	0
0 02/18/82	Chelonia mydas	* 39	1.11	0	/	/	0 N
0 02/18/82	Chelonia mydas	* 56	1.10	0	/	/	0
0 02/19/82	Chelonia mydas	* 56	1.10	0	/	/	0
0 02/20/82	Chelonia mydas	* 37	1.12	0	/	/	0 N
0 02/21/82	Chelonia mydas	* 30	1.08	0	/	/	0
0 02/21/82	Chelonia mydas	85	0.00	0	/	/	0
0 02/22/82	Chelonia mydas	* 67	1.11	0	/	/	0
0 02/22/82	Chelonia mydas	* 85	0.00	0	/	/	0 N
0 02/23/82	Chelonia mydas	* 34	1.16	0	/	/	0 N
0 02/23/82	Chelonia mydas	102	0.00	0	/	/	0
0 02/23/82	Chelonia mydas	* 101	0.00	0	/	/	0
0 02/24/82	Chelonia mydas	* 53	1.22	0	/	/	0
0 02/24/82	Chelonia mydas	* 51	1.11	0	/	/	0
0 02/24/82	Chelonia mydas	* 43	0.00	0	/	/	0
0 02/25/82	Chelonia mydas	* 26	1.15	0	/	/	0
0 02/25/82	Chelonia mydas	103	0.00	0	/	/	0 N
0 02/26/82	Chelonia mydas	* 21	1.20	0	/	/	0 N
0 02/26/82	Chelonia mydas	* 54	1.12	0	/	/	0 N
0 02/26/82	Chelonia mydas	* 29	1.20	0	/	/	0
0 02/27/82	Chelonia mydas	* 26	1.15	0	/	/	0 N
0 02/27/82	Chelonia mydas	* 20	1.12	0	/	/	0 N
0 02/27/82	Chelonia mydas	* 33	1.12	0	/	/	0
0 02/27/82	Chelonia mydas	* 48	1.20	0	/	/	0

• Page No. 3  
09/15/87

WATS II SEA TURTLE SURVEY DATA FORMS  
TAMAR PROJECT - BRAZIL - 1982  
BEACH: ATOL DAS ROCAS

NEST NESTING DATE 1.TIME 2.SPECIES 3.TAG NUMBER 4.CAR.LENGTH 5.EGGS 6.EMG.DATE 7.HATCHLINGS 11.RELOCATED

0 02/27/82	Chelonia mydas	* 38	0.00	0 / /	0
0 02/27/82	Chelonia mydas	* 55	1.09	0 / /	0
0 02/27/82	Chelonia mydas	* 72	1.10	0 / /	0
0 02/27/82	Chelonia mydas	* 104	1.16	0 / /	0
0 02/28/82	Chelonia mydas	* 33	1.12	0 / /	0
0 02/28/82	Chelonia mydas	* 55	1.09	0 / /	0
0 02/28/82	Chelonia mydas	* 48	1.20	0 / /	0
0 03/01/82	Chelonia mydas	* 25	1.05	0 / /	0
0 03/01/82	Chelonia mydas	* 30	1.08	0 / /	0 N
0 03/01/82	Chelonia mydas	* 37	1.12	0 / /	0 N
0 03/01/82	Chelonia mydas	* 48	1.20	0 / /	0
0 03/01/82	Chelonia mydas	87	0.00	0 / /	0
0 03/01/82	Chelonia mydas	107	0.00	0 / /	0 N
0 03/02/82	Chelonia mydas	* 87	0.00	0 / /	0
0 03/02/82	Chelonia mydas	* 31	1.12	0 / /	0 N
0 03/03/82	Chelonia mydas	108	1.10	0 / /	0 N
0 03/03/82	Chelonia mydas	* 37	1.12	0 / /	0 N
0 03/03/82	Chelonia mydas	* 56	1.10	0 / /	0
0 03/04/82	Chelonia mydas	* 87	0.00	0 / /	0 N
0 03/05/82	Chelonia mydas	* 56	1.10	0 / /	0
0 03/06/82	Chelonia mydas	x 73	1.20	0 / /	0 N
0 03/06/82	Chelonia mydas	* 85	0.00	0 / /	0 N
0 03/06/82	Chelonia mydas	* 67	1.11	0 / /	0 N
0 03/06/82	Chelonia mydas	* 101	0.00	0 / /	0
0 03/06/82	Chelonia mydas	* 29	1.20	0 / /	0 N
0 03/07/82	Chelonia mydas	* 34	1.16	0 / /	0 N
0 03/08/82	Chelonia mydas	* 103	0.00	0 / /	0
0 03/08/82	Chelonia mydas	* 51	1.11	0 / /	0
0 03/08/82	Chelonia mydas	* 42	1.12	0 / /	0 N
0 03/08/82	Chelonia mydas	* 43	0.00	0 / /	0 N
0 03/09/82	Chelonia mydas	* 24	1.10	0 / /	0
0 03/09/82	Chelonia mydas	* 103	0.00	0 / /	0
0 03/10/82	Chelonia mydas	* 103	0.00	0 / /	0
0 03/11/82	Chelonia mydas	* 20	1.12	0 / /	0 N
0 03/11/82	Chelonia mydas	* 51	1.11	0 / /	0

\*\*\* Total \*\*\*

107

0