

## Shandell Brunson

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**From:** George H. Balazs [gbalazs@honlab.nmfs.hawaii.edu]  
**Sent:** Monday, October 18, 2010 7:03 PM  
**To:** ShandellBrunson  
**Subject:** RE: tag recoveries (fwd)  
**Attachments:** FP recaptures.xlsx; TREDIS report for French Polynesia.pdf

directly from my honlab to print please.

----- Forwarded message -----  
Date: Mon, 4 Oct 2010 12:39:29 -1100  
From: Catherine Siota <[catherines@sprep.org](mailto:catherines@sprep.org)>  
To: Limpus Col <[col.limpus@derm.qld.gov.au](mailto:col.limpus@derm.qld.gov.au)>, George H. Balazs <[gbalazs@honlab.nmfs.hawaii.edu](mailto:gbalazs@honlab.nmfs.hawaii.edu)>  
Cc: Lui Bell <[LuiB@sprep.org](mailto:LuiB@sprep.org)>, AP 2/15/4 - Turtle Tagging Information <[AP2/15/4-TurtleTaggingInformation@sprep.org.ws](mailto:AP2/15/4-TurtleTaggingInformation@sprep.org.ws)>  
Subject: RE: tag recoveries

Dear Colin,

I have gone through TREDIS and only recaptures within FP were located for 2007-2010. I have cross-checked the tag numbers with the migration data that Anne sent you earlier. Also see TREDIS report for FP in 2009 by Anne (The latest international migration data was the satellite tagging done in Borabora in 2006).

Kind regards  
Cathy

-----Original Message-----  
From: Limpus Col [<mailto:col.limpus@derm.qld.gov.au>]  
Sent: Friday, 24 September 2010 7:19 p.m.  
To: Catherine Siota; George H. Balazs  
Cc: Limpus Col  
Subject: RE: tag recoveries

Catherine.

I look like attending a meeting in the next month at French Polynesia.

TREDIS should have a number of tagging entries for captive reared turtles from French Polynesia that were released (=headstarted). A number of these have been subsequently recaptured through out the western Pacific.

Are you able to give me a copy of the tagging and recapture data for these headstarted turtles that have been subsequently recaptured.

Also I would like to update the migration maps --- have there been any new turtle migrations records received into or out of Fr Polynesia in the last 3 years.

Many of the early tags were probably US NMFS supplied tags.

Have a happy day

-----Original Message-----

From: Catherine Siota [<mailto:catherines@sprep.org>]  
Sent: Saturday, 19 June 2010 9:27 AM  
To: Lui Bell; Limpus Col  
Cc: AP 2/15/4 - Turtle Tagging Information  
Subject: RE: tag recoveries

Hi Colin,

Thanks for the data. And hoping to work with you closely in the coming years.

Kind Regards  
Cathy

-----Original Message-----

From: Lui Bell  
Sent: Friday, 18 June 2010 9:48 a.m.  
To: Col Limpus  
Cc: Catherine Siota  
Subject: FW: tag recoveries

Thank you Colin

Am copying Catherine Siota, the new database officer.

I note your email has changed and you may have not received my message on good data loggers for turtle nests. Would appreciate if you can advise on this (type and supplier).

Best regards

Lui

-----Original Message-----

From: Col Limpus [<mailto:col.limpus@derm.qld.gov.au>]  
Sent: Thursday, 17 June 2010 8:35 PM  
To: Lui Bell  
Cc: Col Limpus  
Subject: tag recoveries

Lui

Hope all goes well with you.

I do not have the contact address for your current turtle database office.

I am continuing to send you tag recovery data from out of our Australian turtle database for turtles that have been recorded in any SPREP country.

Attached are a series of tag recoveries of Australian nesting turtles (greens & hawksbill) captured in southern PNG & 2 tag recoveries of New Caledonian nesting greens that were captured in Australia.

Have a happy day.

Dr Colin Limpus

Chief Scientist

Aquatic Threatened Species and Threatening Processes Environment and Resource Sciences  
Division Department of Environment and Resource Management

Adjunct Associate Professor,  
School of Veterinary Science, University of Queensland

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PO Box 2454 City, QLD, 4001, Australia

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Think B4U Print

1 ream of paper = 6% of a tree and 5.4kg CO<sub>2</sub> in the atmosphere

3 sheets of A4 paper = 1 litre of water

+-----+

SEQ #	Tag number(s)	Species	sex	Initial encounter			Second encounter (recovery)			Fate
				date tagged	Location	activity	recovery date	Location		
1	R38235	Green	I	28-Mar-07	Tahaa, Leeward group	Unspecified	24-May-07	Tahaa, Leeward group	Alive and released	
2	R38233	Green	I	8-Mar-07	Tahaa, Leeward group	Unspecified	7-May-07	Tahaa, Leeward group	Alive and released	
3	R38237	Green	I	28-Mar-07	Tahaa, Leeward group	Unspecified	24-May-07	Tahaa, Leeward group	Alive and released	
4	R38238	Green	I	28-Mar-07	Tahaa, Leeward group	Unspecified	24-May-07	Tahaa, Leeward group	Alive and released	
5	R38236	Green	I	28-Mar-07	Tahaa, Leeward group	Unspecified	24-May-07	Tahaa, Leeward group	Alive and released	
6	R38247	Green	I	26-Feb-07	Tahaa, Leeward group	Unspecified	21-Aug-08	Tahaa, Leeward group	Alive and released	
7	R38393	Green	I	8-Jul-10	Tahaa, Leeward group	Unspecified	18-Jul-10	Tahaa, Leeward group	Alive and released	
8	R38392	Green	I	18-Jul-10	Tahaa, Leeward Group	unspecified	22-Jul-10	Tahaa, Leeward Group	alive and released	
9	R38393	Green	I	8-Jul-10	Tahaa, Leeward Group	unspecified	18-Jul-10	Tahaa, Leeward Group	alive and released	



## SPREP

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# FRENCH POLYNESIA TREDS REPORT

*Report prepared by Anne Trevor - SPREP Turtle Database Officer*

## 1 Purpose

The purpose of this report is to provide the Direction de l'environnement quarter de la Mission and its partners with a summary of tagging and nesting information that they have submitted to SPREP and extracted from reports for incorporation into the regional Turtle Research Database System (TREDS). This report also aims to provide information that can be used to assist turtle conservation work carried out in French Polynesia.

The data held in TREDS is from fieldwork carried out in French Polynesia by the Direction de l'Environnement Quarter de la mission, Service de la Pêche, the Fondation Hibiscus, Te Mana o te Moana as well as documents listed in the bibliography at the end of this report.

## 2 Turtle Research Database System (TREDS)

TREDS can store information on tag deployment, nesting beach and foraging ground monitoring data, clutch and hatchling information, and biological samples (such as genetic data). It can systematically inventory tags used per project, help standardize data collection protocols, and generate project-specific and site-specific summary reports. At the regional level, TREDS can provide information on turtle populations and migration patterns.

## 3 Tag inventory

The tag inventory in TREDS records all details of tags received from SPREP or other organizations. The inventory also records details of tag that have distributed to other groups and tags have been lost or damaged. The tag inventory can record all the various types of tags (PIT tags, flipper tags, satellite tags and data loggers) that can be applied to marine turtles.

### 3.1 Tags distributed by SPREP

The inventory of all known flipper tags distributed by SPREP to the Direction de l'Environnement Quarter de la mission, Service de la Pêche and the Fondation Hibiscus is shown below in table 1. The French Polynesia government also orders their own flipper tags for turtle tagging and other local NGOs such Te Mana o te Moana and others use these tags for tagging and report their tagging activities to SPREP. Of the 2873 tags distributed to French Polynesia only 1050 (36.5%) tags have been recorded as been applied to a turtle in TREDS.

Table 1: Tags series distributed by SPREP

Date distributed	Tags series		No. of tags	No. in TREDS	Receiving agency
	from	to			
13/09/1991	RMTP476	RMTP500	25	24	EVAAM
11/10/1991	R1001	R1400	400	196	EVAAM
11/12/1991	R2601	R3200	600	4	EVAAM
15/04/1994	R9201	R9235	35	29	FONDATION HIBISCUS
15/04/1994	R9301	R9325	25	19	FONDATION HIBISCUS
15/04/1994	R9451	R9500	50	34	FONDATION HIBISCUS
15/04/1994	R9551	R9575	25	19	FONDATION HIBISCUS
15/04/1994	R9651	R9725	75	60	FONDATION HIBISCUS & ENV. DEPT
20/06/1995	R8501	R8524	24	18	FONDATION HIBISCUS
20/06/1995	R8551	R8599	49	31	FONDATION HIBISCUS
20/06/1995	R8908	R8908	1	1	EVAAM
22/04/1996	R10101	R10150	50	42	FONDATION HIBISCUS & ENV. DEPT
22/04/1996	R10197	R10198	2	2	FONDATION HIBISCUS
22/04/1996	R10301	R10375	75	50	FONDATION HIBISCUS & ENV. DEPT
22/04/1996	R10426	R10450	25	20	FONDATION HIBISCUS
22/04/1996	R10626	R10650	25	20	FONDATION HIBISCUS & ENV. DEPT
22/04/1996	R10776	R10800	25	15	FONDATION HIBISCUS & ENV. DEPT
22/04/1996	R10869	R10870	2	2	FONDATION HIBISCUS
22/04/1996	R10901	R10925	25	15	FONDATION HIBISCUS & ENV. DEPT
22/04/1996	R11051	R11100	50	45	FONDATION HIBISCUS & ENV. DEPT
22/04/1996	R11126	R11150	25	24	FONDATION HIBISCUS & ENV. DEPT
22/04/1996	R11176	R11200	25	19	FONDATION HIBISCUS & ENV. DEPT
22/04/1996	R11251	R11276	26	26	FONDATION HIBISCUS & ENV. DEPT
22/04/1996	R11301	R11350	50	39	FONDATION HIBISCUS & ENV. DEPT
31/10/1996	R18651	R18750	100	0	DELEGATION DE L'ENVIRONNMENT
1/11/1996	R12151	R12250	100	0	DELEGATION DE L'ENVIRONNMENT
23/09/1997	R13651	R13950	300	209	FONDATION HIBISCUS
1/01/2005	R27851	R27950	100	24	FONDATION HIBISCUS
1/01/2005	R28451	R28559	109	51	FONDATION HIBISCUS
19/09/2006	R38201	R38500	300	12	FONDATION HIBISCUS
9/08/2007	R42601	R42800	200	0	FONDATION HIBISCUS
Total			2873	1050	

### 3.2 Tags distributed by other agencies

TREDS further records known tag series that have been used in French Polynesia but not supplied by SPREP. Table 2 provides a record of tags that were supplied by other agencies such as the US National Marine Fisheries Service as well as tags that were purchased directly the manufacturer. The information on these tag series were collated from all the tagging datasheets and/or reports that were supplied to SPREP by the French Polynesia government and George Balazs of the US National Marine Fisheries Service. Of the 4706 tags received only 1144 (24.3%) tags have been recorded in TREDS as being applied to a turtle.

Table 2: Tag series distributed by other agencies

Date distributed	Tags series		No. of tags	No. in TREDS	Receiving agency
	from	to			
1/01/1972	(PF)178	(PF)185	8	8	FISHERIES DEPT
1/01/1972	101	212	112	106	FISHERIES DEPT
1/01/1972	13	78	66	66	FISHERIES DEPT
1/01/1972	1301	2334	1034	143	FISHERIES DEPT
1/01/1972	98	98	1	1	FISHERIES DEPT
12/10/1991	S10	S99	90	85	EVAAM
12/10/1991	S100	S741	642	437	EVAAM
12/10/1991	S8	S9	2	2	EVAAM
12/10/1991	X558	X850	293	166	EVAAM
21/06/1993	P701	P900	200	1	EVAAM
26/06/1993	S855	S855	1	1	HIMB - EVAAM
1/10/1993	S757	S757	1	1	EVAAM
1/09/1994	M026	M912	887	5	EVAAM
1/11/1994	L089	L825	737	0	EVAAM
1/04/1996	L800	L999	200	15	FONDATION HIBISCUS & ENV. DEPT
30/09/1997	841E	874E	34	19	FONDATION HIBISCUS
30/09/1997	C201	C299	99	35	FONDATION HIBISCUS
1/01/1998	201C	298C	98	51	FONDATION HIBISCUS
30/01/1998	E874	E874	1	1	FP EVAAM
8/06/2003	C299	C299	1	1	ENVIRONMENT DEPT
1/01/2006	376	574	199	0	Direction de l'Environnement
<b>Total</b>			<b>4706</b>	<b>1144</b>	

### 3.3 Untagged turtles

Untagged turtles can also be recorded in TREDS. One hawksbill turtle and four green turtles are recorded as untagged turtles in TREDS for French Polynesia.

## 4 Species Occurrence by Site

The predominant species recorded in TREDS for French Polynesia (table 3) are the green turtles ( $n = 1551$ ), followed by hawksbill turtles ( $n = 54$ ). There is one Olive Ridley recorded and 94 unidentified species. All of the records in TREDS for French Polynesia are from the Leeward Group and this is mainly because this is the area that has regular surveys. Other islands in French Polynesia would need to be surveyed to gain a better understanding of turtle populations.

As mentioned, the turtles recorded from Tahaa are turtles that have been tagged and released by Fondation Hibiscus. There are further records in excel spreadsheet from the Te Mana o Te Moana turtle clinic in Moorea that need to be entered into TREDS.

Table 3: Records in TREDIS based on documented surveyed sites

Sites	Island group	<i>Eretmochelys imbricata</i>	<i>Chelonia mydas</i>	<i>Lepidochelys olivacea</i>	species unidentified
Scilly Atoll	Leeward	-	568		
Bellinghausen Atoll	Leeward		33		
Tahaa	Leeward	53	679		94
Moorea	Leeward		1		
Raiatea	Leeward	1	8		
Tahiti	Leeward		257		
Borabora	Leeward			1	
Mopelia Atoll	Leeward		4		
Tupai	Leeward		1		
Total		54	1551	1	94

## 5 Size Frequency by species

Figures 1 and 2 show the size frequencies for hawksbill and green turtles recorded in TREDIS for French Polynesia.

### 5.1 Hawksbill turtle size frequency

The size frequency graph of hawksbill turtles recorded in TREDIS for French Polynesia (figure 1) shows that 44 juveniles within the CCL size range of 30.0 – 64.9 cm, four turtles within the sub-adult CCL size range of 70.0 – 74.9cm and one adult sized turtle within the CCL size range of 85.0 – 89.9cm.

All of the hawksbills recorded in TREDIS from French Polynesia are turtles that been captive reared by the Fondation Hibiscus in turtle preserve at the Hibiscus Hotel on Tahaa. These are turtles that have been purchased from fishers and are then tagged and released. 50 hawksbill turtle records in TREDIS for French Polynesia had CCL measurements.

### 5.2 Green turtle size frequency

The size frequency graph for green turtles recorded in TREDIS for French Polynesia (figure 2) shows a bimodal distribution corresponding to the two age classes of turtles are being encountered and measured. The most encountered group were juveniles (n = 929) within the CCL range of 10.0 – 59.9cm followed by adult sized turtles (n = 563) within the CCL range of 85.0 – 124.9cm. There were only 9 records of animals within the sub-adult CCL size class of 65.0 – 84.9cm.

The majority of adult sized green turtles recorded (n = 563) were animals tagged and released from Bellinghausen and Scilly Atolls The majority of juvenile sized turtles recorded were animals that were either seized or bought at Tahiti and Tahaa and then tagged and released. A total of 1504 green turtle records in TREDIS for French Polynesia had CCL measurements.



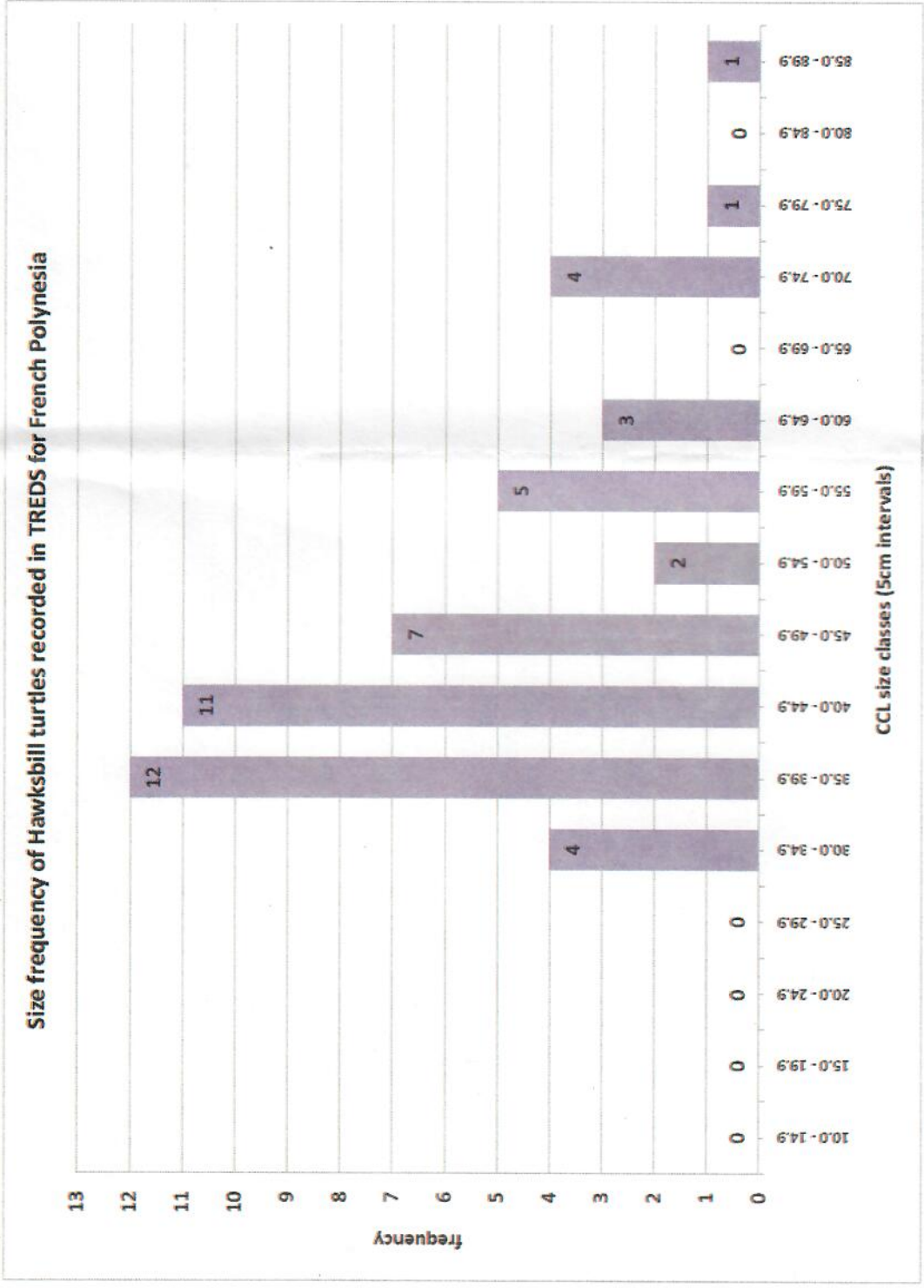


Figure 1. Size frequency of hawksbill turtles

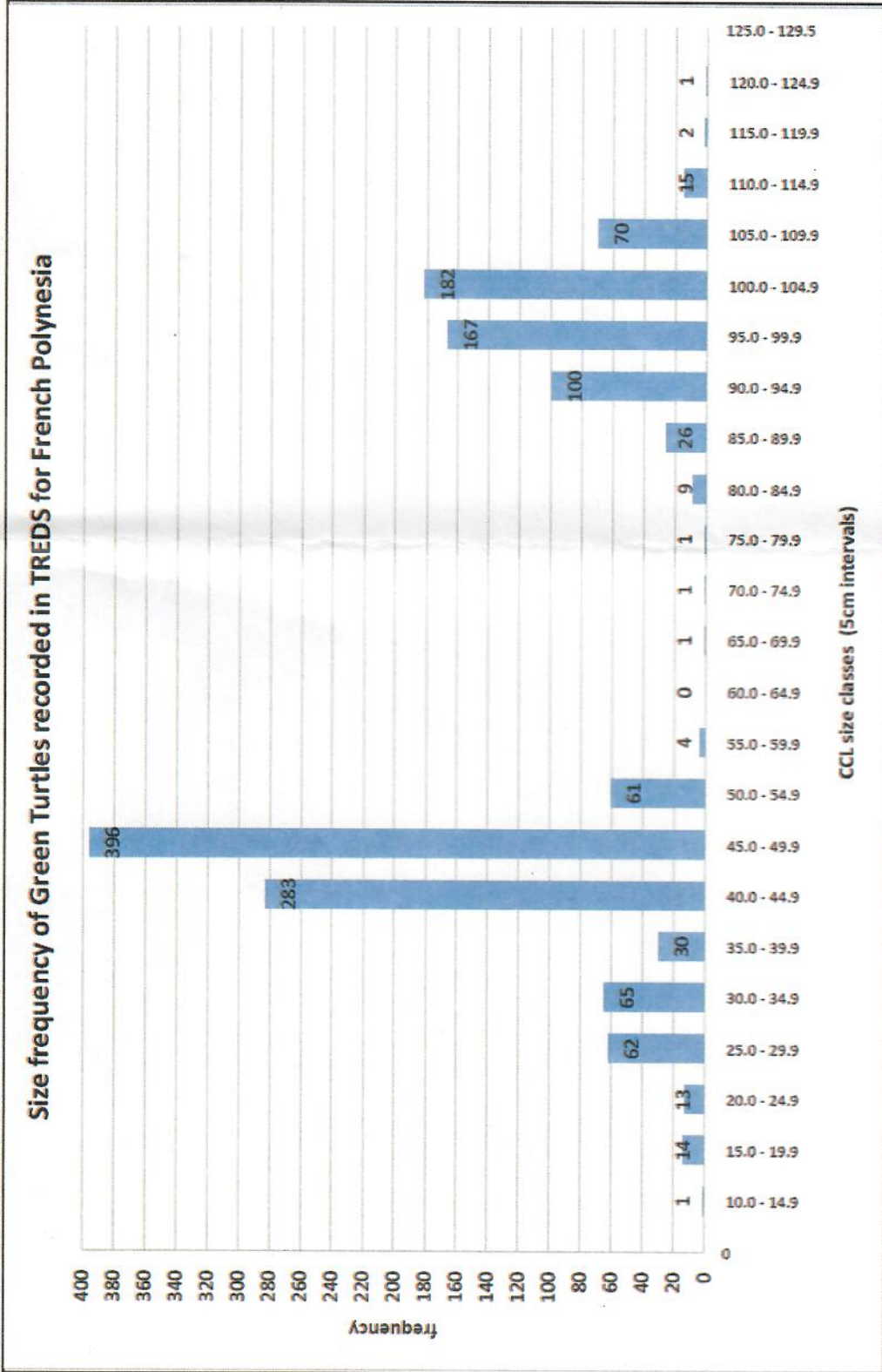


Figure 2: green turtle size frequency

## 6 Nesting Turtles by site

Only Green turtles have been recorded in TREDIS as nesting in French Polynesia (table 4) with Scilly Atoll having the highest records with a total of 449 (tagged over a span of 6 years) followed by Bellinghausen with 33 turtles recorded from one survey in 1991. All nesting surveys recorded in TREDIS are from the Scilly and Bellinghausen Atolls.

Nesting surveys such as those that have been conducted on Scilly and Bellinghausen Atolls should be expanded to other known nesting sites to identify other important nesting sites in French Polynesia. The intensive nesting surveys on Scilly Atoll have further resulted in a better understanding of migration for turtles nesting on this Atoll.

Table 4: Green turtle recorded as nesting in French Polynesia

Site	Group	1972	1973	1974	1991	1992	1993	total by atoll
Scilly Atoll	Leeward Group	154	54	24	115	99	3	449
Bellinghausen Atoll	Leeward Group				33			33
total by year		154	54	24	148	99	3	482

## 7 Tag recoveries

All the tag recoveries associated with French Polynesia recorded in TREDIS provides important information on various potentially important nesting and foraging areas in the Pacific.

### 7.1 Turtle migration into French Polynesia

The one record of a nesting turtle migrating into French Polynesia is of a post-nesting green turtle from Rose Atoll in American Samoa that was fitted with satellite transmitter (table 6). The last signal received from this turtle was near Raiatea Island in French Polynesia.

### 7.2 Turtles tagged in French Polynesia

#### 7.2.1 Nesting turtles

Tag recoveries for 14 post-nesting green turtles initially tagged on Scilly Atoll were reported from Fiji (8), New Caledonia (1), Philippines (1), Tonga (1), Tuvalu(2) and Vanuatu(1) (table 7). Another tag recovery was reported from New Caledonia of a post-nesting green turtle that was initially tagged on Bellinghausen Atoll. These tag recoveries clearly show that green turtle nesting in French Polynesia migrate widely. *Return*

Another two female green turtles were fitted with satellite transmitters and released from Borabora. The last signals received from the two females were from Mopelia/Maupihaa and Tupai respectively showing that these females were possibly returning to their nesting areas.

Two adult male green turtles were also released from Borabora fitted with satellite transmitters. The last signal received from one of these male green turtles was near

Aneityum Island in Vanuatu while the last signal received from the other male was from near Mopelia/Maupihaa Atoll where it was initially captured. It may be that the first male was returning back to its foraging area while the second had returned back to the nesting area to continue breeding.

TREDS holds one record (table 8) of a nesting green turtle tagged initially in Scilly Atoll that migrated to Tonga and later returning to French Polynesia.

#### 7.2.2 Juvenile turtles (table 7)

Tag recoveries of five juvenile green turtles tagged and released from Scilly Atoll were reported from Cook Islands (2), Fiji (1) and Samoa (2) (table 7). Tag recoveries of six juvenile green turtles tagged and released from Tahaa Island were reported from French Polynesia (1), Papua New Guinea (2) and Tonga (4). The tag recovery of one juvenile green turtle tagged and released from Tahiti was reported from Fiji. All of these recoveries further show Cook Islands, Fiji, Samoa, Papua New Guinea and Tonga as important foraging areas for green turtles from French Polynesia and possibly other Pacific Islands.

A juvenile Olive Ridley was tagged, fitted with satellite transmitter and released from Borabora. The last signal received from this turtle indicated that the turtle remained in area where it was released.

#### 7.2.3 Turtles of unknown maturity

The tag recoveries for two unknown species and maturity were reported from Raiatea and Tahaa Islands respectively (table 7).

Table 5: Turtle tagged outside French Polynesia

Tag number(s)	Species	sex	Initial encounter		Activity	Second encounter (recovery)		fate
			Date tagged	Location		Date recovered	Location	
4805	Green <sup>1</sup>	F	27-Oct-94	ROSE ATOLL	Nesting	?-?-95 <i>NEVER RECOVERED</i>	NEAR RAIATEA, FRENCH POLYNESIA	Unknown

Table 6: Migration of Green turtles tagged in French Polynesia

Tag number(s)	Species	sex	Initial encounter		Activity	Date recovered	Second encounter (recovery)		fate
			Date tagged	Location			Location	Location	
S768			?-?-?	FRENCH POLYNESIA? No initial tagging record	unknown	25-Jul-94	SOPU BEACH, TONGATAPU TONGA	??	
S640	?	?	?-?-?	FRENCH POLYNESIA? No initial tagging record	Unknown	2-May-93	TAHAA, FRENCH POLYNESIA	Released alive	
R27882	?	?	?-?-?	NO RECORD IN TRENDS	Unknown	28-Apr-04	RAIATEA, FRENCH POLYNESIA	Unknown	
18	Green	F	30-Apr-72	SCILLY ATOLL, FRENCH POLYNESIA	In captivity	9-Aug-72	VAVAU ISLAND, TONGA	Unknown	
26	Green	F	30-Apr-72	SCILLY ATOLL, FRENCH POLYNESIA	Nesting	26-Jul-72	RABI ISLAND, NORTHERN DIVISION, FIJI	Unknown	
RMTP476/X6 52/X651	Green	F	14-Oct-91	SCILLY ATOLL, FRENCH POLYNESIA	Nesting	?-?-1991	ZAMBOANGA CITY, PHILIPPINES	Unknown	
RMTP483/X6 69	Green	I	15-Oct-91	SCILLY ATOLL, FRENCH POLYNESIA	Captive reared	22-Oct-92	CAKAU TASI REEF, BA, VITI LEVU, FIJI	Unknown	

<sup>1</sup> Information taken from Craig, P., Parker, D., Brainard, R., & Balazs, G. (2004). Migrations of Green turtles in the Central Pacific. *Biological Conservation* (116), 433-438

X

RMTP482/X6 66/X667/X66 8	Green	F	15-Oct-91	SCILLY ATOLL, FRENCH POLYNESIA	Nesting	27-Sep-93	LABASA, VANUA LEVU, FIJI	Dead
RMTP484/R MTP485/X55 8	Green	F	15-Oct-91	SCILLY ATOLL, FRENCH POLYNESIA	Nesting	19-Jul-05	NAIRAI ISLAND, CENTRAL DIVISION, FIJI	Dead?
S17/S18/S19	Green	F	18-Oct-91	SCILLY ATOLL, FRENCH POLYNESIA	Nesting	23-Mar-92	TOBERUA IS RESORT, DRALA IS, VITI LEVU	Dead
S30/S31/S32 /S33	Green	F	19-Oct-91	SCILLY ATOLL, FRENCH POLYNESIA	Nesting	29-Sep-92	LABASA, VANUA LEVU, FIJI	Killed HARRVESTED
S111/S112/S 113/S114	Green	F	22-Oct-91	SCILLY ATOLL, FRENCH POLYNESIA	Nesting	10-Feb-95	ANEITYUM ISLAND, VANUATU	Unknown
S313	Green	F	27-Oct-91	SCILLY ATOLL, FRENCH POLYNESIA	Nesting	8-Apr-99	TUVALU	Killed
S318/S319	Green	F	28-Oct-91	SCILLY ATOLL, FRENCH POLYNESIA	Nesting	24-Apr-94	BELEP ISLAND, NEW CALEDONIA	Dead
S197/S198	Green	F	22-Nov-91	BELLINGSHAUSEN/MOT U ONE, FRENCH POLYNESIA	Nesting	4-Apr-94	ILE DE PINES, NEW CALEDONIA	Unknown
X735	Green	I	18-Sep-92	TAHITI, FRENCH POLYNESIA	Captive reared	2-Sep-93	BA, VITI LEVU, FIJI	Unknown
R1078/R107 9/S454/S453	Green	F	20-Oct-92	SCILLY ATOLL, FRENCH POLYNESIA	Nesting	late 1990	QOMA, TAILEVU PT, EASTERN DIVISION, FIJI	Unknown
S463/S464/R 1088/R1089	Green	F	21-Oct-92	SCILLY ATOLL, FRENCH POLYNESIA	Nesting	20-Aug-94	ROTUMA ISLAND, FIJI	Unknown
R1201/R120 2	Green	F	26-Oct-92	SCILLY ATOLL, FRENCH POLYNESIA	Nesting	26-May-93	NUKUFETAU ATOLL, TUVALU	Dead
R1152/R115	Green	F	3-Nov-92	SCILLY ATOLL, FRENCH	Nesting	2-Nov-04	BEOA ISLAND, FIJI	Released



R18732/414 22/574	Green	F	18-Nov-06	BORABORA, FRENCH POLYNESIA	exercised Captured for satellite tagging exercise	29-Dec-06	POLYNESIA TUPAI ISLAND	Unknown
R18734/234 74	Green	M	20-Nov-06	BORABORA, FRENCH POLYNESIA	exercised Captured for satellite tagging exercise	3-Apr-07	Near ANEITYUM ISLAND, VANUATU	Unknown
41787	Green	F	21-Nov-06	BORABORA, FRENCH POLYNESIA	exercised Captured for satellite tagging exercise	1-Dec-06	Near MOPELIA/MAUPIHAA ATOLL, FRENCH POLYNESIA	Unknown
22278	Olive Ridley	I	21-Nov-06	BORABORA, FRENCH POLYNESIA	Bought of fishermen	15-Apr-07	Pelagic waters in release area	Unknown

STANDING

Table 7: turtle with more than one encounter

species	sex	Encounter event	Encounter date	encounter location	Activity/fate
Green	I	1	11-Sep-94	SCILLY ATOLL	unknown
		2	1-Mar-97	HAATAFU, TONGATAPU, TONGA	released alive
		3	13-Oct-97	TAHAA, FRENCH POLYNESIA	released alive

AG  
No  
N2

X



## **8 Recommendations for use of TREDs and data collection**

1. Build up a list of site names (with coordinates if possible) for each of the islands in TREDs
2. Recorders to check that datasheets have been filled out properly at the end of each day before handed datasheets to be entered into the database
3. Update Tag inventory to record all tags distributed in TREDs for easier of data verification later
4. Input data preferably as soon as it is checked to minimize loss of data and allow for clarification to be made with monitors while information is still fresh in the monitors memory
5. Carry out refresher tagging and measuring training annually.
6. Record all tags damaged or lost in the tag inventory. If the tag inventory is updated regularly it becomes a useful tool for monitoring usage of tags and minimizes tag loss.
7. Ensure regular exchange of information with SPREP so tag recoveries can be easily followed up and reported back to you.
8. French Polynesia is spread over a wide area of the Pacific islands with many scattered island, it is possible for all the local NGOs to enter their data into TREDs and then all of the data collected can be combined into the master TREDs.
9. Any local NGOs wanting to use TREDs can contact the SPREP turtle database officer for assistance to setup a remote database as the TREDs setup file is available online and a initial dataset can be setup by the turtle database officer so that data can be imported directly in the master TREDs database held at SPREP

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