

VANUATU TREDS REPORT FOR 2010

Report prepared by Catherine Siota -Associate Turtle Database Officer

1. INTRODUCTION

The purpose of this report is to provide Wan Smolbag Theatre's (WSB) Vanua-Tai Turtle Monitors Network and partners with a summary of tagging and nesting information that has been submitted to SPREP for incorporation into the regional Turtle Research and Monitoring Database System (TREDS).

This report also aims to provide information that can be used to assist turtle conservation work carried out in Vanuatu.

The data held in TREDS is from fieldwork carried out in Vanuatu by the Wan Smolbag Vanua Tai Turtle Monitors Network as well as the Environment Unit, Fisheries and documents listed in the bibliography at the end of TREDS report for 2009 (Trevor, 2009).

This report provides an update of all data in TREDS and accommodating the recent data received for 2007-2010 period, during this reporting period (May 2010-May 2011).

2. TAG INVENTORY

The tag inventory for Vanuatu records all tags received from SPREP and details of damage and distribution of tags. The tag inventory records all flipper tags used for turtle monitoring in Vanuatu.

2.1. Tags distributed by SPREP to Vanuatu

Tags distributed to WSB, Environment Unit, Fisheries and Tranquility Resort by SPREP now total up to 10,295. Out of this total, only 2,994 (29.1%) are recorded in TREDS (Table 1). Trevor (2009) reported a total of 9,663 tags distributed by SPREP to Vanuatu and only 2,392 (24.8%) are recorded in TREDS as being used.

2.2 Tags distributed by other agencies to Vanuatu

There are no records of tags distributed by other agencies for Vanuatu in TREDS.

Table 1: Tag series distributed by SPREP

Date	Tag Series		No. of Tags	No. of Tags in TREDS	Receiving Agency
	From	To			
23/10/1991	R1401	R1700	300	14	Environment Unit
06/02/1996	R10026	R10098	73	53	Fisheries Dept
06/02/1996	R10401	R10424	24	0	Fisheries Dept
06/02/1996	R10651	R10700	50	40	WSB
06/02/1996	R10801	R10826	26	19	Fisheries Dept
06/02/1996	R10828	R10850	23	9	Fisheries Dept
06/02/1996	R11001	R11050	50	26	Fisheries Dept
06/02/1996	R11101	R11125	25	17	Fisheries Dept
06/02/1996	R11201	R11223	23	13	Fisheries Dept
06/02/1996	R11226	R11249	24	6	Fisheries Dept
06/02/1996	R9283	R9283	1	1	Fisheries Dept
06/02/1996	R9876	R9898	23	0	Fisheries Dept
31/05/1996	R10153	R10170	18	0	WSB
31/05/1996	R10227	R10249	23	9	WSB
31/05/1996	R10251	R10275	25	0	WSB
31/05/1996	R10378	R10400	23	0	WSB
31/05/1996	R10578	R10589	12	12	WSB
31/05/1996	R10714	R10747	28	16	WSB
31/05/1996	R10927	R10927	37	26	WSB

Continue of Table 1: Tag series distributed by SPREP

Date	Tag Series		No. of Tags	No. of Tags in TREDS	Receiving Agency
	From	To			
30/08/1997	R13126	R13350	225	110	WSB
30/08/1997	R13451	R13650	200	52	WSB
16/07/1998	R13951	R14450	550	117	WSB
18/11/1998	R15751	R16350	500	172	WSB
20/04/1999	R21651	R21750	100	40	WSB
20/01/2000	R20973	R21150	178	77	WSB
21/01/2000	R23251	R23650	400	140	WSB
01/01/2002	R19051	R19100	50	10	WSB
01/01/2002	R19201	R19300	100	4	WSB
01/01/2002	R19401	R19926	425	151	WSB
15/08/2002	R18559	R18950	409	109	WSB
20/10/2003	R25101	R25250	150	68	WSB
20/10/2003	R25451	R25650	200	113	WSB
30/06/2004	R28051	R28150	100	34	WSB
29/10/2004	R31501	R31900	400	229	WSB
01/02/2005	R29901	R30500	600	253	WSB
24/03/2005	R35001	R35800	800	110	WSB
18/08/2006	R37651	R38200	550	296	WSB
18/08/2006	R41601	R41650	50	20	WSB
07/12/2006	R40001	R40400	400	83	WSB
19/03/2007	R40601	R41100	500	82	Tranquility resort
30/04/2007	R41651	R42000	350	146	WSB
30/04/2007	R43601	R43650	50	0	WSB
18/11/2007	R42801	R43200	400	102	WSB
18/11/2007	RI00001	RI00100	100	45	Tranquility resort
04/05/2008	R44201	R44300	100	0	WSB
07/06/2008	R44401	R44500	100	0	WSB
07/06/2008	RI00301	RI00400	100	0	WSB
07/06/2008	RI00601	RI00700	100	0	WSB
06/10/2008	RI00901	RI01200	300	0	WSB
19/05/2009	R45951	R46350	400	100	WSB
19/05/2009	RI02001	RI01200	200	0	WSB
26/11/2009	R47451	R47650	200	0	WSB
26/04/2009	RI04401	RI04600	200	70	Tranquility resort
Total			10,295	2,994	

3. SPECIES NUMBERS BY SITE FOR VANUATU BASED ONLY ON DOCUMENTED SURVEYED SITES

Hawksbill turtle (n=278) is the species with the highest record in TREDS for Vanuatu. This is followed by green turtle (n=111), leatherback turtle (n = 7) and unidentified marine turtle species (n=5) (Table 2). The update is inclusive of data from Bamboo Bay and Tasiriki for 2007-2010.

Table 2: Records in TRENDS for Vanuatu based on documented surveyed sites.

Location	Island	SPECIES			
		Green	Hawksbill	Leatherback	Unidentified
Bamboo Bay (2004/05)	Malekula	17	6	-	4
Bamboo Bay (2005/06)	Malekula	1	3	-	-
Bamboo Bay (2006/07)	Malekula	33	59	-	-
Bamboo Bay (2007/08)	Malekula	10	4	-	-
Bamboo Bay (2009/10)	Malekula	22	47	-	1
Big Bay, Santo (2006/07)	Espiritu	-	-	-	-
Maranata (2004/05)	Ambrym	-	-	-	-
Maranata (2006/07)	Ambrym	-	-	-	-
Tasiriki (2010)	Moso	14	3	-	-
Tasiriki (2008)	Moso	1	57	-	-
Tasiriki (2009)	Moso	2	44	-	-
Tasiriki (2006/07)	Moso	1	21	-	-
Tasiriki (2006/07)	Moso	2	34	-	-
Toman (2006/07)	Malekula	-	-	-	-
Votlo (2002/03)	Epi	5	0	5	-
Votlo (2004/05)	Epi	3	-	2	-
Votlo (2006/07)	Epi	-	-	-	-
	Total	111	278	7	5

4. NESTING TURTLES BY SITE

4.1 Leatherback Turtle

TRENDS records show leatherback turtle nesting on Epi, Efate, Espiritu Santo and Malekula with Votlo, Epi showing the most numbers (Table 3) (Trevor, 2009).

Table 3: Nesting leatherback turtles recorded in TRENDS for Vanuatu during 2002-2007 period

Location	Island	2002/03	2003/04	2004/05	2006/07
Port Olry	Espiritu Santo				1
Port Quimie	Epi		1		
Votlo	Epi	6			
Votlo Research site	Epi			2	
	Total by year	6	1	2	1

4.2 Loggerhead Turtle

There is only one record in TRENDS of nesting loggerhead turtle which was on the island of Loh (Table 4) (Trevor, 2009).

Table 4: Nesting loggerhead turtles recorded in TRENDS for Vanuatu during 2006-2007

Location	Island	2006/2007
Linua	Loh	1
	Total by year	1

4.3 Hawksbill Turtle

The hawksbill turtle nesting recorded in TREDs are on the islands of Ambrym, Efate, Epi, Espiritu Santo, Malekula, Moso and Tekoa. The highest numbers, possibly due to effort put into surveys, are at Tasiriki (Moso) and Bamboo Bay (Malekula) during the 2006-2010 and 2007-2010 nesting seasons (Table 5). The update includes the data for Tasiriki and Bamboo Bay in 2007-2010 and 2008-2010

Table 5: Nesting hawksbill turtles for 1995-2010 period in TREDs for Vanuatu.

Location	Island	1995/ 96	1996/ 97	2000/ 01	2003/ 04	2004/ 05	2005/ 06	2006/ 07	2007/ 08	2008/ 09	2009/ 10
Bamboo Bay	Malekula					1	1	32	20	19	28
Lalinda beach	Ambrym								1		
Malekula	Malekula					1					
Mangaliliu	Efate	1									
Pinapow Beach	Malekula						1				
Rembe	Malekula				2						
Ringdove	Epi				1						
Rovoliu	Epi			1							
Tasiriki	Moso							19	30	57	58
Tavloel	Tekoa			1							
Vaipei	Espiritu Santo		1					2			
Wiawia	Malekula								7		
	Total by year	1	1	2	3	2	2	53	58	76	86

4.4 Green Turtle

Green turtles nesting have been recorded in TREDs on the islands of Epi, Espiritu Santo, Malekula, Moso, Motalava, Nguna, Pentecost, Pele and Tekoa, with the highest numbers recorded on Malekula Island due to surveys carried out at the Bamboo Bay area in 2004-2010 and 2006-2010 nesting seasons. The update includes the data for Tasiriki, Bamboo Bay and Wiawia during the period of 2006-2010 (Table 6).

Table 6: Nesting green turtles recorded in TREDIS for Vanuatu during 1992-2010 period.

Location	Island	1992/93	1999/00	2000/01	2001/02	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10
Asaola	Pentecost			1									
Aniwa Lagoon	Malekula										4		
Bamboo bay	Malekula							12		27	25	14	8
Dickson reef village	Malekula										1		
Epau village	Efate										1		
Epi	Epi						1						
Lawa	Malekula					3							
Litatra	Tegua				1						1		
Mifilau	Epi			1									
Malekula	Malekula							8		1			
Molboe	Espiritu Santo										1		
Motalava	Motalava	1											
Okai	Malekula							3					
Rembe	Malekula							4					
Ringdove	Epi						1						
Rovoliu	Epi		1										
Tasiriki	Moso									30	3	10	3
Unakap	Nguna									1			
Vaipei	Espiritu Santo									2			
Vakas	Malekula							1					
Vasvasada	Pentecost									1			
Votlo	Epi					6							
Votlo Research Site	Epi						2		3				
Wanbe	Epi									1			
Wiawia	Malekula									1	4	3	
Worasivi	Pele									2			
	Total by year	1	1	2	1	9	4	28	3	66	40	27	11

5. SIZE FREQUENCY BY SPECIES

5.1 Size Frequency for Green Turtles

A total of 542 green turtles have curved carapace length (CCL) measurement records in TREDIS for Vanuatu. The size frequency graph shows 375 juveniles within the class size range of 5.0-64.9cm, 34 sub-adults within the class size range of 65.0-84.9cm and 133 adults in the class size range of 85.0-124.9cm (Figure 1).

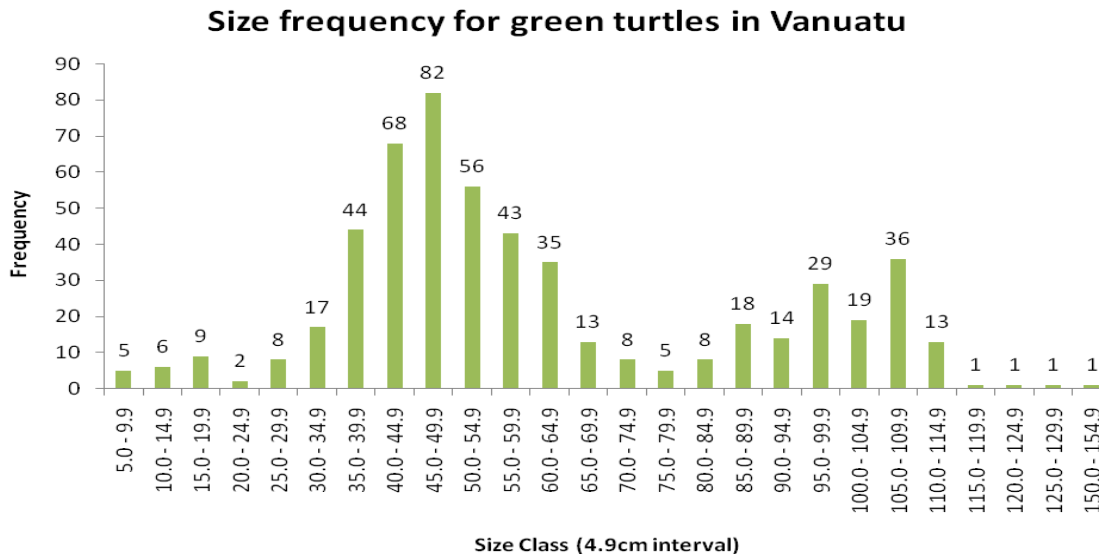


Figure 1: Size frequency for green turtles as recorded in TREDIS for Vanuatu

5.2 Size Frequency for Hawksbill Turtles

A total of 870 hawksbill turtles have CCL measurement records in TREDIS for Vanuatu. The size frequency graph shows 558 juveniles within the CCL size class range of 0.0-64.9cm, 19 sub-adults within the CCL size class range of 65.0-79.9cm and 293 adults within CCL size class range of 80.0-104.9cm (Figure 2).

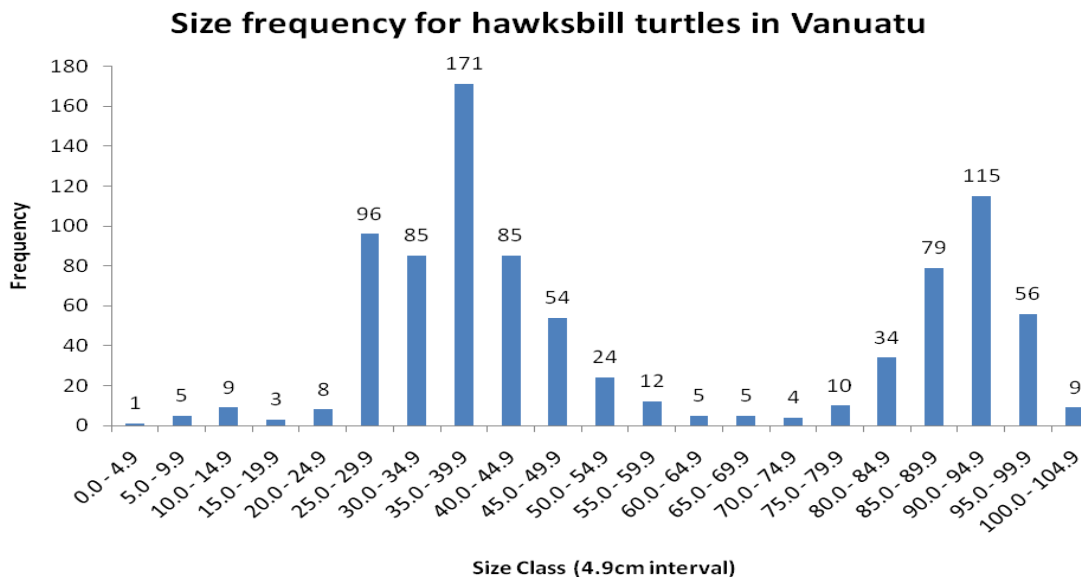


Figure 2: Size frequency for hawksbill turtles as recorded in TREDIS for Vanuatu.

5.3 Size Frequency for Leatherback Turtles.

There are only nine leatherback CCL measurements recorded in TREDIS for Vanuatu. The CCL size class range for the nine leatherback turtles are from 105.0-199.9cm.

5.4 Size Frequency for Loggerhead Turtles.

Only five loggerhead turtles have CCL measurements in TREDIS for Vanuatu. The CCL size class range for these loggerhead turtles are from 40.0-59.9cm for juveniles (n=4) and 100.0-104.9cm for one adult.

5.5 Size Frequency for Olive Ridley Turtles.

Only three (3) olive ridley turtles have CCL measurements recorded in TREDIS for Vanuatu. The CCL size class range for these olive ridley turtles is from 45.0-59.9cm.

6. TAG RECOVERY

6.1. Turtles tagged and recovered within Vanuatu

Out of 63 turtles that were tagged and recovered within Vanuatu. Thirteen were from Bamboo Bay village on Malekula Island, three nesting green turtles were remigrant nesters with 3-7 years of remigration intervals and the rest were recaptured within nesting seasons. In Tasiriki village, Moso Island, only one hawksbill turtle was recaptured as a remigrant interval nester and the other 33 were recovered within the nesting seasons. Wiawia village had two nesting turtles recaptured within a season, one green and the other an olive ridley turtle (Table 7). In addition, 14 tagged turtles were reported as tag recoveries by Trevor (2009). Out of these, five records have no initial tagging details and could only be traced as being used in Vanuatu through TREDIS tag inventory. The updates include 49 turtles that were tagged and recovered within Vanuatu. Trevor (2009) reported only 14 tag recoveries.

6.2 Turtles tagged outside and recovered within Vanuatu

Three green turtles tag recoveries were from turtles that were reported as nesting and tagged in South Great Barrier Reef - Australia, French Polynesia and American Samoa. Two additional green turtles were tagged in Australia and French Polynesia, of which the initial tagging record for Australia was unknown, while the green turtle in French Polynesia was released from captivity from Scilly Atoll. The two hawksbill turtle tag recoveries were of turtles that were tagged and released as sub-adults in Australia and Samoa and recovered in Vanuatu (Trevor, 2009) (Table 8). There are no new updates for turtles tagged outside and recovered in Vanuatu for this reporting period.

6.3 Turtle tagged in Vanuatu and recaptured outside

A hawksbill turtle tagged in Vanuatu on Malekula Island in Bamboo Bay village was recovered stranded in Australia at Lake Arrangan beach (Table 9). This tag recovery is a new update of tag recovery for Vanuatu.

Table 7: Turtles tagged within Vanuatu and also recovered in Vanuatu.

Tag No.	Species	Sex	Initial Encounter			Other Encounter		
			Date	Location	Activity	Date	Location	Activity
R31893/R31892	Green	Female	29/Jan/2005	Bamboo bay, Malekula	Nesting	12/Dec/2008	Bamboo bay, Malekula	Nesting
R31897/R31896	Green	Female	02/Feb/2005	Bamboo bay, Malekula	Nesting	16/Dec/2008	Bamboo bay, Malekula	Nesting
R38185/R38184	Hawksbill	Female	17/Dec/2006	Bamboo bay, Malekula	Nesting	01/Jan/2007	Bamboo bay, Malekula	Nesting
R37752/R38013	Green	Female	02/Jan/2007	Bamboo bay, Malekula	Nesting	03/Jan/2007	Bamboo bay, Malekula	Nesting
R38120/R38119	Hawksbill	Female	09/Dec/2006	Bamboo bay, Malekula	Nesting	04/Jan/2007	Bamboo bay, Malekula	Nesting
R38012/R38011	Green	Female	04/Jan/2000	Bamboo bay, Malekula	Nesting	16/Jan/2007	Bamboo bay, Malekula	Nesting
R38115/R38114	Green	Female	24/Dec/2006	Bamboo bay, Malekula	Nesting	06/Jan/2007	Bamboo bay, Malekula	Nesting
R38026/R38024	Green	Female	17/Dec/2006	Bamboo bay, Malekula	Nesting	10/Jan/2007	Bamboo bay, Malekula	Nesting
R40358/R40357	Hawksbill	Female	13/Nov/2007	Tasiriki Village, Moso Island	Nesting	28/Nov/2007	Tasiriki Village, Moso Island	Nesting
R40366/R40367	Hawksbill	Female	18/Nov/2007	Tasiriki Village, Moso Island	Nesting	03/Dec/2007	Tasiriki Village, Moso Island	Nesting
R41618/R41617	Hawksbill	Female	08/Nov/2007	Tasiriki Village, Moso Island	Nesting	05/Dec/2007	Tasiriki Village, Moso Island	Nesting
R15981/R15982	Hawksbill	Indeterminate	02/Apr/2007	Aniwa lagoon, Aniwa Island	Trapped in a net	19/Aug/2008	Saninakani, Aniwa Island	Hooked by a fishingline
R37850/R37851	Green	Female	13/Dec/2008	Tasiriki Village, Moso Island	Nesting	25/Dec/2008	Bamboo bay, Malekula	Nesting
R38037/R38038	Hawksbill	Female	12/Nov/2008	Bamboo bay, Malekula	Nesting	10/Dec/2008	Bamboo bay, Malekula	Nesting
R41928/R41929	Hawksbill	Female	29/Nov/2008	Tasiriki Village, Moso Island	Nesting	12/Dec/2008	Tasiriki Village, Moso Island	Nesting
R41934/R41935	Hawksbill	Female	03/Dec/2008	Tasiriki Village, Moso Island	Nesting	16/Dec/2008	Tasiriki Village, Moso Island	Nesting
R41940/R41941	Green	Female	04/Dec/2008	Tasiriki Village, Moso Island	Nesting	05/Dec/2008	Tasiriki Village, Moso Island	Nesting
R41955/R41956	Hawksbill	Female	13/Nov/2008	Tasiriki Village, Moso Island	Nesting	29/Nov/2008	Tasiriki Village, Moso Island	Nesting
R41966/R41965	Hawksbill	Female	21/Nov/2008	Tasiriki Village, Moso Island	Nesting	22/Nov/2008	Tasiriki Village, Moso Island	Nesting
R41992/R41993	Hawksbill	Female	21/Jan/2008	Tasiriki Village, Moso Island	Nesting	18/Feb/2008	Tasiriki Village, Moso Island	Nesting
R41995/R41994	Hawksbill	Female	24/Feb/2008	Tasiriki Village, Moso Island	Nesting	21/Feb/2008	Tasiriki Village, Moso Island	Nesting
R42903/R42904	Hawksbill	Female	11/Feb/2008	Tasiriki Village, Moso Island	Nesting	25/Feb/2008	Tasiriki Village, Moso Island	Nesting
R42914/R42920	Hawksbill	Female	18/Oct/2008	Tasiriki Village, Moso Island	Nesting	18/Nov/2008	Tasiriki Village, Moso Island	Nesting
R42940/R42941	Hawksbill	Female	04/Nov/2008	Tasiriki Village, Moso Island	Nesting	13/Dec/2008	Tasiriki Village, Moso Island	Nesting
R41888/R41889	Green	Female	07/Jan/2009	Bamboo Bay, Malekula, Vanuatu	Nesting	17/Jan/2009	Bamboo Bay, Malekula, Vanuatu	Nesting
R41898/R41900	Hawksbill	Female	11/Nov/2009	Bamboo Bay, Malekula, Vanuatu	Nesting	26/Dec/2009	Bamboo Bay, Malekula, Vanuatu	Nesting
R41936/R41937	Hawksbill	Female	04/Dec/2008	Tasiriki Village, Moso Island	Nesting	12/Jan/09	Tasiriki Village, Moso Island	Nesting
R41948/R41949	Hawksbill	Female	10/Jan/2008	Tasiriki Village, Moso Island	Nesting	19/Jan/2009	Tasiriki Village, Moso Island	Nesting
R45955/R45956	Hawksbill	Female	14/Nov/2009	Tasiriki Village, Moso Island	Nesting	01/Dec/2009	Tasiriki Village, Moso Island	Nesting
R45967/R45968	Hawksbill	Female	23/Nov/2009	Tasiriki Village, Moso Island	Nesting	07/Dec/2009	Tasiriki Village, Moso Island	Nesting
R45976/R45977	Hawksbill	Female	30/Nov/2009	Tasiriki Village, Moso Island	Nesting	17/Dec/2009	Tasiriki Village, Moso Island	Nesting
R45979/R45978	Hawksbill	Female	01/Dec/2009	Tasiriki Village, Moso Island	Nesting	19/Dec/2009	Tasiriki Village, Moso Island	Nesting

Continue of Table 7: Turtles tagged within Vanuatu and also recovered in Vanuatu.

Tag No.	Species	Sex	Initial Encounter			Other Encounter		
			Date	Location	Activity	Date	Location	Activity
R45996/R45997	Green	Female	06/Dec/2009	Tasiriki Village, Moso Island	Nesting	07/Dec/2009	Tasiriki Village, Moso Island	Nesting
R46001/R46002	Hawksbill	Female	21/Oct/2009	Tasiriki Village, Moso Island	Nesting	09/Nov/2009	Tasiriki Village, Moso Island	Nesting
R46008/R46009	Hawksbill	Female	25/Oct/2009	Tasiriki Village, Moso Island	Nesting	30/Nov/2009	Tasiriki Village, Moso Island	Nesting
R46021/R46022	Hawksbill	Female	06/Nov/2009	Tasiriki Village, Moso Island	Nesting	11/Nov/2009	Tasiriki Village, Moso Island	Nesting
R46036/R46037	Hawksbill	Female	04/Nov/2009	Tasiriki Village, Moso Island	Nesting	21/Nov/2009	Tasiriki Village, Moso Island	Nesting
R46038/R46039	Hawksbill	Female	05/Nov/2009	Tasiriki Village, Moso Island	Nesting	07/Nov/2009	Tasiriki Village, Moso Island	Nesting
R46040/R46041	Hawksbill	Female	11/Nov/2009	Tasiriki Village, Moso Island	Nesting	17/Dec/2009	Tasiriki Village, Moso Island	Nesting
R46047/R46048	Hawksbill	Female	26/Oct/2009	Tasiriki Village, Moso Island	Nesting	14/Nov/2009	Tasiriki Village, Moso Island	Nesting
R43154/R43153	Green	Female	16/Dec/2008	Wiawia village, Malekula Island	Nesting	05/Feb/2009	Wiawia village, Malekula Island	Nesting
R43164/R43163	Olive ridley	Female	08/Dec/2008	Wiawia village, Malekula Island	Nesting	05/Feb/2009	Wiawia village, Malekula Island	Nesting
R46026/R46027	Hawksbill	Female	12/Nov/2008	Tasiriki Village, Moso Island	Nesting	24/Jan/2010	Tasiriki Village, Moso Island	Nesting
R46034/R46035	Hawksbill	Female	03/Nov/2009	Tasiriki Village, Moso Island	Nesting	24/Jan/2010	Tasiriki Village, Moso Island	Nesting
R45993/R45992	Hawksbill	Female	15/Dec/2009	Tasiriki Village, Moso Island	Nesting	16/Jan/2010	Tasiriki Village, Moso Island	Nesting
R45998/R45999	Green	Female	02/Dec/2009	Tasiriki Village, Moso Island	Nesting	18/Jan/2010	Tasiriki Village, Moso Island	Nesting
R41822/R41823	Hawksbill	Female	21/Dec/2009	Bamboo Bay, Malekula Island	Nesting	05/Jan/2010	Bamboo Bay, Malekula Island	Nesting
R41849/R41850	Hawksbill	Female	23/Dec/2009	Bamboo Bay, Malekula Island	Nesting	07/Jan/2010	Bamboo Bay, Malekula Island	Nesting
R45960/R45961	Hawksbill	Female	20/Nov/2009	Tasiriki Village, Moso Island	Nesting	24/Jan/2010	Tasiriki Village, Moso Island	Nesting
R45962/R45963	Hawksbill	Female	23/Nov/2009	Tasiriki Village, Moso Island	Nesting	07/Jan/2010	Tasiriki Village, Moso Island	Nesting
R45970/R45971	Hawksbill	Female	27/Nov/2009	Tasiriki Village, Moso Island	Nesting	05/Jan/2010	Tasiriki Village, Moso Island	Nesting
R10807/R10806	Hawksbill	Indeterminate	02/Oct/1998	Efate Island, Vanuatu	Foraging	?/?/1999	Vanuatu	Unspecified
R10822/R10823	?	?	?/?/1996	Vanuatu	unknown	05/Feb/2010	Pango Point reef, Efate Island	Unspecified
R10957/R10956	Hawksbill	Indeterminate	29/Jun/1996	Tukutuku Ranch, Efate Island	In-captivity	20/Feb/1997	Port Narvin, East Erromango	Foraging
R10971	?	?	?/?/1996	Vanuatu	unknown	22/Nov/1997	Liro, Paama Island, Vanuatu	Foraging
R11006/R11007	Hawksbill	Indeterminate	29/Jun/1996	Tukutuku Ranch, Efate Island	In- Captivity	19/Jul/1996	Tanna Island, Vanuatu	Unspecified
R14182	Hawksbill	Indeterminate	06/Apr/1999	Tonoliu village, Efate Island	unknown	09/Dec/2004	Lelepa Island, Vanuatu	Unspecified
R14365	?	?	?/?/1998	Vanuatu	unknown	?/Oct/2000	Espiritu, Santo Island	Unspecified
R16320/R16321	?	?	?/?/1997	Vanuatu (tag sent to Vanuatu)	unknown	06/Oct/2000	Aneityum Island, Vanuatu	Unspecified
R19429/R19428	Hawksbill	Indeterminate	23/Jan/2003	Avok, Avok Island, Vanuatu	Foraging	09/Jan/2005	Rembe, SE Malekula Island	Unspecified
R19627/R19628	Hawksbill	Indeterminate	11/Mar/2002	Tranquility resort, Moso Island	In- Captivity	06/Nov/2003	Lelepa Island, Vanuatu	Foraging
R19905/R19901	Hawksbill	Indeterminate	04/Sep/02	Lembinwen village, Malekula	Foraging	?/Dec/2003	South West Bay, Malekula	Unspecified
R21678/R21679	Green	Indeterminate	19/May/00	Alack Reef, Epi Island, Vanuatu	Foraging	?/Apr/2002	Ringdove Bay, NW Epi Island	Unspecified
R23429	?	?	?/?/2000	Vanuatu	Unknown	02/Apr/2001	Akham Island, Malekula, Vanuatu	unknown
R35572/R35571	Hawksbill	Indeterminate	18/May/07	Sakau Island, Vanuatu	Foraging	14/Jan/2008	Olal village, Ambrym Island	Unspecified

Table 8: Tag recovery of turtles tagged outside and recaptured in Vanuatu

Tag No.	Species	Sex	Initial Encounter			Other Encounter		
			Date	Location	Activity	Date	Location	Fate
K21864	Green	Female	09/Dec/2000	Lady Elliot Island,SGBR, QLD, Australia	Nesting	02/Feb/2002	Lutes Village, Malekula Island	Killed
K625	Green	Female	05/Nov/1993	Rose Atoll, American Samoa	Nesting	01/Apr/1994	Ambrym Island, Vanuatu	Dead
K8415	Hawksbill	Female	21/Oct/1997	Unname reef, NGBR near Lizard Island, QLD, Australia	Foraging	?/10/2006	Vaipei village, NW Santo, Vanuatu	Killed
R16708/R16707	Hawksbill	Indeterminate	29/Apr/2006	Malua Theological College, Upolu Island,Samoa	In captivity	18/Aug/2007	Wasaga Village, Vanua Lava,	RA?
S111/S112/S113 /S114	Green	Female	22/Oct/1991	Scilly Atoll, French Polynesia	Nesting	10/Feb/1995	Aneityum Island, Vanuatu	?
K34661	Green	Female	?/?/1992	Australia	unknown	17/Dec/2008	Wiawia village, Malekula Island	Nesting
39	Green	Female	30/Apr/1972	Scilly Atoll, French Polynesia	In Captivity	14/Sep/1973	Maskelyne Island, Vanuatu	unknown

Table 9: Turtle tagged in Vanuatu and recovered outside

Tag No.	Species	Sex	Initial Encounter			Other Encounter		
			Date	Location	Activity	Date	Location	Activity
R41825/R41825	Hawksbill	Female	09/Dec/2009	Bamboo bay village	Nesting	20/Oct/2010	Lake Arrangan Beach, Brooms head NSW,Australia	Stranded, Dead

7. RECOMMENDATION

- More training is needed for the turtle monitors in proper protocols for filling in of turtle datasheets.
- Update tag inventory records to make sure that tag distribution to turtle monitors, loss or damaged tags are reported back to SPREP on their usage for easier verification of data.
- Regular flow of information between Wan Smolbag Theatre's (WSB) Vanua-Tai Turtle Monitors Network and partners with SPREP should be encouraged. This will facilitate informative and useful reporting of tag recoveries back to the government and its partners.

8. BIBLIOGRAPHY

Trevor, A. 2009. TREDs report for Vanuatu. Report prepared by the Secretariat of the Pacific Regional Environment Program Apia, Samoa.