

SEA TURTLE PRESENTATION

*Kevin Andrewin, Conservation
Coordinator, Gales Point, Belize*

*2015 WIDECAST Annual Meeting
Maunabo, Puerto Rico*





LOGGERHEAD
Caretta caretta



GREEN TURTLE
Chelonia mydas



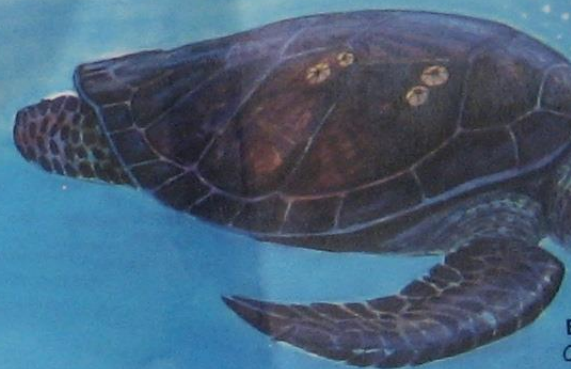
AUSTRALIAN FLATBACK
Natator depressus



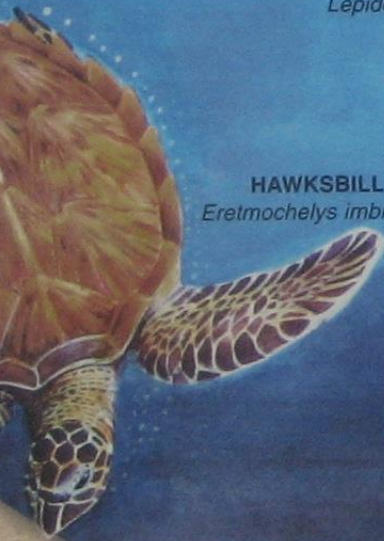
OLIVE RIDLEY
Lepidochelys olivacea



KEMP'S RIDLEY
Lepidochelys kempii



LEATHERBACK
Dermochelys coriacea



HAWKSBILL
Eretmochelys imbricata



Three species found in Belize are:

- ▣ Hawksbill- *Eretmochelys imbricata*
 - ▣ Loggerhead- *Caretta caretta*
 - ▣ Green Turtle- *Chelonia mydas*

Identification of Hawksbill



- ▣ 4 pair of lateral Scutes
- ▣ 4 Prefrontal Scales
- ▣ Over-lapping shell scutes
- ▣ Point face, distinct overbite
- ▣ Juvenile color and pattern variable
- ▣ Adult colour orange, brown, yellow
- ▣ To 85kg, shell to 95cm
- ▣ Clutch (100-185 eggs)

Identification of Green Turtle



- ▣ 4 pair lateral scutes
- ▣ 1 pair Prefrontal Scale
- ▣ No over-lapping shell scutes
- ▣ Round face, serrated Jaw
- ▣ Juvenile color and pattern variable
- ▣ Adult colour dark gray green
- ▣ To 230kg, shell to 125cm
- ▣ Clutch size (100-130 eggs)

Identification of Loggerhead

- ▣ 5 (rarely 6) pair lateral scutes
- ▣ Carapace longer than wide
- ▣ 3 bridge scutes
- ▣ No pores in bridge scutes
- ▣ Head broad (to 25cm)
- ▣ Colour red-brown to brown
- ▣ To 200kg, shell to 120cm
- ▣ Clutch (100-130 eggs)



Newly Laid Nest



Wire mesh used to cover eggs



Undeveloped Turtle Eggs



Newly hatched Hawksbill Turtle



International & Local students with Mr. Kevin



Dead Hatchling



Nest Destroyed



Nest Destroyed

















▣ Tagging of Turtle





Satellite Tag used on Hawksbill





SCAN PATTERN #2

613-0085-01

Turkey

at release:

at release:

at release:

FIBROPA

CC

AM

Recapture

SET #

LENGTH

TEST BEFORE USING

48412E3C60

POCKET ■ READER EX®

N

O

B

(biopsy)







CAPACITY 120kg 264 LBS
GRADUATION 500g 1 LB
Wt=22.5g 0.8 LB

ecomar

BELIZE TURTLE PROJECT

STUDY LOCATION: Turtle Shores

TAG(S) ON LEFT	<u>N/A</u>	at capture:		at release:					
TAG(S) ON RIGHT	<u>N/A</u>	at capture:		at release:					
PIT TAG NUMBER		at capture:		at release:					
SPECIES (circle)	CM	<input checked="" type="radio"/> EI	DC	CC	Pit Tag Location: RF LF				
CAPTURE DATE: (write out month)				FIBROPAPILLOMA	Y <input checked="" type="radio"/> N				
OBSERVATION TYPE:	First	Recapture	Stranding	Tag-Return					
CAPTURE LOCATION:									
GPS (Capture):									
DATA RECORDED BY:		SET #:		SET TIME:					
STRAIGHT CARAPACE LENGTH (notch-to- notch in cm)				<u>81.5</u>	<u>n-n</u>				
STRAIGHT CARAPACE WIDTH (cm)				<u>58.0 cm</u>	<u>88.6</u>	<u>mt</u>			
PLASTRON LENGTH (cm)				<u>61.8</u>					
PLASTRON-TO-CLOACA (cm)				<u>11</u>	<u>cm</u>				
PLASTRON-TO-TAIL-TIP (cm)				<u>19</u>	<u>cm</u>				
WEIGHT (kg)				<u>170</u>	<u>#</u>				
SEX: M	<input checked="" type="radio"/> F	U	BLOOD/TISSUE SAMPLE: (circle)	W	<input checked="" type="radio"/> S	L	N	O	<input checked="" type="radio"/> B
(W = Whole S = Serum L = Lysis N = No Sample O = Other B = Skin Biopsy)									
RELEASE DATE: (write out month)									
RELEASE LOCATION:									
GPS (Release):									
CAPTURE REMARKS:	<u>many barnacles</u>			WATER DEPTH:		WATER TEMP: °C	SURFACE or BOTTOM (circle one)		



March 2011
March 2011
200



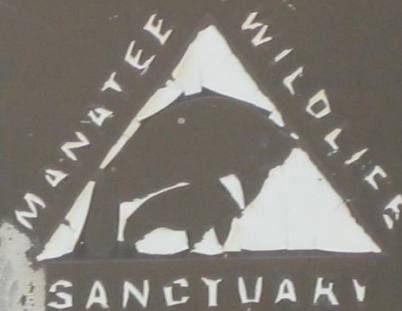
Gales Point Wildlife Sanctuary

Established: August 14, 1998

Area: 9,095 acres



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PACT



**THANK YOU VERY MUCH FOR YOUR
PARTICIPATION**