

Oiled Marine Mammal

Gross Necropsy Report

Form completed by	DrConnie Chevis	Date	10/27/2010
Enforcement Officer			
Strand/Capture location	On beach off Hwy 90, 15 yds. East of troutman Ave. Long Beach, MS		
Collectors Name	Becky Winslead		
Intake date	10/26/2010	Euthanasia	
Death date	10/26/2010	Time	16:30
Post mortem date	10/27/2010	Time	9:30
Carcass Classification:	Frozen	yes	<input type="checkbox"/>
		no	<input checked="" type="checkbox"/>
	2- fresh 3-fair (organs intact) 4-poor 5- mummified		2
Photographs:	<input checked="" type="checkbox"/>		
Radiographs:	<input type="checkbox"/>		

Spill Name	BP Deepwater Horizon		
Animal Log #	D-0034		
Level A Field #	84IMMS102610	Tag #	
Species	Tursiops truncatus		
Sex	Female	Age	Subadult
Weight	79.5 kgs	kg	<input type="radio"/> estimate/ <input checked="" type="radio"/> actual
SON:	emaciated 1 2 3 4 5 6 7 obese 2-3		
Measurements:	Blubber depth 1.6 mm		
SL	191 cm	AG	cm
UG	cm	XG	cm

Clinical signs/diagnosis	Observers claim dolphin was seen being attacked by several large sharks. Collected fresh dead
Antibiotics given	
Pertinent lab results	

GROSS NECROPSY ABNORMALITIES:

Severe conspecific trauma with fresh and healing conspecific rake marks, sub-blubber edema extending from blowhole to dorsal fin on dorsal back and bruising of blubber and subcutaneous membranes. The blubber under the conspecific rake marks had hemorrhaging, necrotic tissue and bruising so these were considered premortem. Large bruises were found on the right axilla, on the cheeks and behind the head.

The animal was in a poor state of nutrition indicated by loss of postnuchal fat, indentation below the dorsal fin and visibility of the lateral processes of the vertebrae.

Multiple shark bites with loss of flukes and abdominal musculature. Sharks removed area around genital slit extending into abdomen. The shark bite edges were clear and did not have any bleeding so this could have be postmortem.

There were multiple healing ulcers in the mouth and gums.

Generalized bilateral granulomatous pneumonia, verminous etiology suspected. Multiple thin white worms found in granulomas.

Twelve cm intestinal intussusception found.

Multiple hemorrhagic lymph nodes some with necrotic center. Impression smear of prescapular lymph node showed fungal hyphae.

The muscle surrounding the cranial esophagus was dark red and bruised. Esophageal mucosa was normal.

The forestomach had approximately 1 rounded tablespoon of otoliths and fish lens. No ulcers, food or parasites.

The main stomach had a few otoliths and no parasites.

The pyloric stomach had dark green ecchymotic hemorrhage of the mucosa and 2 Branini sp.

The pancreas bile ducts were large and contained 2 fluke like objects.

Slight amount of hemorrhaging in the cerebellum.

Kidneys had hemorrhaging in the medulla and the right kidney was severely bruised on the caudal pole. No kidney stones were found.

There appeared to be a chronic, systemic disease debilitating the animal with trauma caused by conspecifics. It is possible the animal was extremely debilitated when the sharks attacked and caused the demise or the animal was fresh dead and the sharks attacked.

HYDROCARBON ANALYSIS SAMPLES	MICROBIOLOGY	SWABS: other
bile <input checked="" type="checkbox"/>	Lung <input checked="" type="checkbox"/>	prescapular ln
blood <input checked="" type="checkbox"/>	Liver <input type="checkbox"/>	pericardial fluid
urine <input type="checkbox"/>	other <input checked="" type="checkbox"/>	kidney
kidney <input checked="" type="checkbox"/>	mouth ulcer	
muscle <input checked="" type="checkbox"/>		
lung <input checked="" type="checkbox"/>		
intestine <input checked="" type="checkbox"/>		
blubber/fat <input checked="" type="checkbox"/>		
other: <input type="checkbox"/>		

HISTOLOGY SAMPLES	LYMPH NODES:
lung <input checked="" type="checkbox"/>	colonic <input checked="" type="checkbox"/>
trachea <input checked="" type="checkbox"/>	sublumbar <input type="checkbox"/>
heart <input checked="" type="checkbox"/>	inguinal <input type="checkbox"/>
aorta <input checked="" type="checkbox"/>	axillary <input type="checkbox"/>
pulmonary artery <input checked="" type="checkbox"/>	mesenteric <input checked="" type="checkbox"/>
thymus <input checked="" type="checkbox"/>	gastric <input checked="" type="checkbox"/>
salivary gland <input type="checkbox"/>	hepatic <input type="checkbox"/>
jejunum <input checked="" type="checkbox"/>	mediastinal <input checked="" type="checkbox"/>
brain <input checked="" type="checkbox"/>	submandibular <input type="checkbox"/>
spinal cord <input checked="" type="checkbox"/>	tracheobronchial <input checked="" type="checkbox"/>
thyroid <input checked="" type="checkbox"/>	
tonsil <input checked="" type="checkbox"/>	
tongue <input checked="" type="checkbox"/>	
esophagus <input checked="" type="checkbox"/>	
stomach <input checked="" type="checkbox"/>	
duodenum <input checked="" type="checkbox"/>	
ileum <input checked="" type="checkbox"/>	
colon <input checked="" type="checkbox"/>	
pancreas <input checked="" type="checkbox"/>	
spleen <input checked="" type="checkbox"/>	
liver <input checked="" type="checkbox"/>	
gall bladder <input type="checkbox"/>	
kidney <input checked="" type="checkbox"/>	
ureter <input checked="" type="checkbox"/>	
urinary bladder <input type="checkbox"/>	
urethra <input type="checkbox"/>	
blubber <input checked="" type="checkbox"/>	
bone marrow <input checked="" type="checkbox"/>	
spinal cord <input checked="" type="checkbox"/>	
mammary gland <input checked="" type="checkbox"/>	
adrenal <input checked="" type="checkbox"/>	
skin <input checked="" type="checkbox"/>	
eye (L/R) <input checked="" type="checkbox"/>	
fat-site <input checked="" type="checkbox"/>	
whole repro <input type="checkbox"/>	
muscle <input checked="" type="checkbox"/>	
gonad <input type="checkbox"/>	
prostate <input type="checkbox"/>	
uterus <input checked="" type="checkbox"/>	
vagina <input type="checkbox"/>	
cervix <input type="checkbox"/>	
penis <input type="checkbox"/>	

Cause of death (preliminary diagnosis)	Conspecific predation, bilateral granulomatous pneumonia, intestinal intussusception, shark predation
Examiner	Drs. Chevis & Kalesch
Examiner's signature	<i>[Signature]</i>
Date	10/27/2010