

**GROSS NECROPSY REPORT**

**SPECIES** *Tursiops truncatus* **FIELD NUMBER** LA 439/ MRB-20101218-LA001

**DATE** 12/20/10

**LOCATION** Grand Isle Beach, LA      **LAT** 29.24409 /**LONG** -89.969805

**GENDER** F    **TL** 259.08 cm    **COND** 2    **WEIGHT** \_\_\_\_\_

**HISTORY:**

**NECROPSY**

**EXTERNAL EXAM:** severe emaciation (1.5/ 5)

Missing part of dorsal fin & L pec & L eye

Predation @ genital slit

**INTERNAL EXAM:**

Missing mammary glands, R ovary & part of uterus & bladder w/ GI loops extruded.

**BLUBBER:**

Thin: dorsal = 1.7 cm; lat = 0.9 cm; ventral = 1.4 cm  
(20 cm distal to axilla)

**MUSCULOSKELETON**

**Axial Muscle:** Reduced generally

Stingray barb (~3.5 cm) lodged in sub-lumbar muscle below dorsal fin.

**Axial Skeleton**

R pec- scapulo-humeral joint completely fused- no motion possible,

L pec-WNL

**Ribs & Sternum:**

NSF

**CIRCULATORY SYSTEM**

**Heart:**

NSF

**RESPIRATORY SYSTEM**

**Blowholes:**

NSF

**Lungs:** severely congested bilaterally. Numerous, multifocal parasite nodules throughout, parenchyma w/ visible lungworms. Bloody foam in trachea. Fluid and foam and lungworms distal bronchioles

**DIGESTIVE SYSTEM**

**Esophagus:**

empty

**Fore Stomach:**

Full of fish bones, otoliths & freshly consumed shrimp

<b>Main Stomach:</b>	}	Attached/ adhered to fore & main stomach & adjoining gi (duodenum) is a very large, irregular mass, approx grapefruit size (~15x20x20 cm).
Several pinpoint black	}	
Hemorrhagic spots	}	On cut section some parts are very purulent while others are granulomatous, with walled off sections.
<b>Pyloric Stomach:</b>	}	
NSF- internal	}	

**Intestine:**

**Describe food-stuffs found in GI Tract:**

See Above

**Describe parasites found in GI Tract:**

none

**Liver:**

Small 1x1x0.5 deep cm granulomas ventral surface where meets/ lies against gi tract. Granuloma does not appear deep, but has scar tissue ~1 cm deep associated w/ it.

**Pancreas:**

Surrounded by abscess/ granulomas material but parenchyma seems WNL.

**URINARY SYSTEM**

**Kidneys:** Each kidney capsule has ~1x1 cm diam granulomas on surface; kidneys WNL

**Adrenals:** enlarged, reactive

**Urinary Bladder:** missing

**ENDOCRINE & HEMOLYMPHATIC SYSTEMS**

**Thymus:** Did not find

**Thyroid:** small, but NSF

**Pituitary:**

NE

**Spleen:**

Small, very soft w/ granulomas/abscess attached to capsule but not invading

**Lymph Nodes:**

Very reactive-cervical LN, & several (cervical, sublumbar) full of purulent material

**REPRODUCTIVE TRACT:**

Most missing, L ovary present- has multiple follicle

**CENRTRAL NERVOUS SYSTEM**

**Brain:** NSF

**Spinal Cord:**

NSF

**HEAD**

**Teeth:** small/ moderate wear, but none missing.

**SENSORY ORGANS**

**Eyes:**

L eye missing (predation)

R eye NSF

**Ears:**

NSF

**OTHER:**

Melon- NSF

**CONCLUSIONS:** Severe malnourishment/ emaciation, severe peritonitis/granulomatous inflammation/ abscess. Lungworms

**Carcass Disposition:** in freezer at AAC

**CAUSE OF DEATH FROM FIELD DETERMINATION:** likely septic

**This report was generated by:** Cara Field

**TISSUES COLLECTED**

**Frozen (-10°C):**

Lung, multiple LN, kidney, spleen

**Histo (10% Buffered Formalin):**

See previous pg

**70% ETOH:**

lungworms

**Skeletal:**

R pec flipper

**DMSO:** skin

**Other:** teeth- frozen

**PHOTOS/VIDEO:** yes

**ASSOCIATED DATA SHEETS:**

Micro: 1) sub-lumbar LN abscess

2) cervical LN abscess

3) GI assoc granuloma