

**ZOOLOGICAL PATHOLOGY PROGRAM
STRANDED CETACEAN NECROPSY REPORT**

Field ID: JLS20110319-LA001
Additional Identifier: LA-489
ZPP Accession Number: 11-064Tt
Species: *Tursiops truncatus*
Strand Date: 03-19-11
Strand Location: Barataria Bay, LA
Sex: male
Age Class: Adult
Necropsy Date: 03-22-11
Condition code: 3
Total Length: 211 cm
Weight:
Blubber Depth:
Body Condition:

Gross Necropsy: Gross report available.

Slides/Tissues Received: 16 regular slides.

Microscopic Findings: Autolysis is severe, impeding interpretation; also widespread colonization by large numbers of postmortem bacteria.

Slide 1:

Liver: No Significant Findings (NSF)

Lymph node: NSF

Kidney: NSF

Slide 2:

Heart: NSF

Skeletal muscle: NSF

Lymph node: NSF

Slide 3:

Lymph node (presumptive): NSF

Glandular tissue, possible adrenal: NSF

Diaphragm: NSF

Lung: NSF

Slide 4:

Tongue: NSF

Lung: Throughout there are large numbers of erythrocytes, both within capillaries (congestion) and apparently extravascular (hemorrhage).

Glandular tissue not otherwise identified: NSF

Slide 5:

Adrenal: NSF

Luminal organ with smooth muscle and scant fragments of submucosa and no mucosa: NSF

Slide 6:

Skeletal muscle: NSF

Brain: NSF

Slide 7:

Pharynx with salivary gland: NSF

Heart with great vessel: NSF

Slide 8:

Heart: NSF

Slide 9:

Testis: NSF

Aorta and pulmonary artery: NSF

Dense collagenous tissue arranged in ligament-like bundles: NSF

Slide 10:

Trachea: NSF

Slide 11:

Intestine: There is some level of lamina propria eosinophil infiltrate.

Slide 12:

Intestine: as for Slide 11.

Slide 13:

Luminal organ, consistent with Urinary bladder: NSF

Slide 14:

Skin with blubber: NSF

Slide 15:

Skin with blubber: NSF

Slide 16:

Eye: NSF

Final Diagnoses:

1. Regionally extensive thoracic wall intramuscular hemorrhage (bruising), right thorax [gross diagnosis]
2. Extensive subcutaneous hemorrhage (bruising), melon [gross diagnosis]
3. Severe pulmonary congestion and hemorrhage

Comments:

Death was attributed to blunt trauma given large regions of subcutaneous and intramuscular hemorrhage noted grossly and consistent pulmonary hemorrhage noted histologically.

Autolysis was extensive and greatly impeded interpretation and even identification of some tissues and subtle lesions would not have been discernible.

Reported By:

Michael J. Kinsel DVM, Dip ACVP
December 30, 2011