

**ZOOLOGICAL PATHOLOGY PROGRAM
STRANDED CETACEAN NECROPSY REPORT**

Field ID: MCT20100524-LA001
Additional Identifier: BP2010-LA28
ZPP Accession Number: 11-44Tt
Species: *Tursiops truncatus*
Strand Date: 05/24/10
Strand Location: Grand Isle, Louisiana
Sex: F
Age Class: subadult
Necropsy Date:
Condition code: 2
Total Length: 165 cm
Weight:
Blubber Depth: 1.5 cm dorsal
Body Condition:

Gross Necropsy: Notes in spread sheet form available.

Gross findings include:

Visibly oiled. Post mortem predation.

Slides/Tissues Received: 11 regular slides

Microscopic Findings:

There is marked autolysis, bacterial overgrowth, and gas formation in many tissues.

Slide 1:

Lungs: Focally there is a small area of increased cellularity. Scattered throughout the remaining lung are occasional presumed inflammatory cells. There are a few areas of moderate interstitial fibrosis adjacent to the pleura.

Lung associated lymph node: No significant findings (NSF).

Slide 2:

Skeletal muscle: NSF

Kidney: NSF.

Ileum or Colon: Focally the superficial mucosa contains orange-brown pigment, small numbers of visible red blood cells and increased numbers of cells (possible macrophages).

Slide 3:

Lymph node: There are several clusters of pigment laden cells (presumed hemosiderin).

Slide 4:

Glandular stomach: NSF

Liver: There is mildly increased amounts of fibrous connective tissue and a few scattered inflammatory cells surrounding portal triads.

Unidentifiable tissue: NSF

Slide 5:

Kidney: NSF

Blubber and skeletal muscle: NSF

Slide 6:

Heart: NSF

Slide 7:

Heart: There is increased amounts of fibrous connective tissue surrounding blood vessels and extending out into the interstitium.

Slide 8:

Heart: NSF

Slide 9:

Intestine: NSF

Slide 10:

Urinary bladder: NSF

Spleen: There are prominent lymphoid follicles.

Slide 11:

Ovary: NSF

Final Diagnoses:

1. Lung: Mild focal pneumonia and regional interstitial fibrosis
2. Ileum/Colon: Mild multifocal superficial mucosal hemorrhage (presumptive)
3. Liver: Mild periportal fibrosis
4. Heart: Mild multifocal interstitial fibrosis

Ancillary Test Results:

Morbillivirus PCR negative.

Comments:

Cause of death was not apparent in the tissues submitted however, there was significant autolysis, bacterial overgrowth, and gas formation which hindered visualization of tissues. None of the findings noted were severe enough to have caused death and all were considered mild incidental findings. A cause was not apparent for the mild focal pneumonia.

Reported By:

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