

**ZOOLOGICAL PATHOLOGY PROGRAM
STRANDED CETACEAN NECROPSY REPORT**

Field ID: 62IMMS061510
Additional Identifier: D-0014, 10-258C
ZPP Accession Number: 11-059Tt
Species: *Tursiops truncatus*
Strand Date: 06-15-10
Strand Location: Gulfport, MS
Sex: female
Age Class: Subadult
Necropsy Date: 06-15-10
Condition code: 4
Total Length: 178.2 cm
Weight:
Blubber Depth:
Body Condition:

Gross Necropsy: Oiled marine mammal report available.

Slides/Tissues Received: 8 regular slides.

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

Slide 1:

Lung: Diffusely alveoli, bronchi and bronchioles are filled with large numbers of cells. Many appear mononuclear with moderate cytoplasm (possible macrophages). There are rare apparent binucleate cells. A rare bronchus/bronchiole contains a very large cell with a large/bizarre nucleus.

Lymph node (presumed): No Significant Findings (NSF)

Slide 2:

Heart: NSF

Great vessel: NSF

Stomach/intestine: NSF

Adrenal: NSF

Slide 3:

Stomach (glandular): NSF

Stomach (1st chamber/non-glandular): NSF

Liver: NSF

Slide 4:

Heart: NSF

Luminal organ: NSF

Slide 5:

Glandular stomach: NSF

Great vessel: NSF

Stomach/intestine: NSF

Slide 6:

Kidney: NSF

Diaphragm: NSF

Skeletal muscle: NSF

Slide 7:

Skin with blubber: NSF

Skeletal muscle: NSF

Tongue (no mucosa): NSF

Slide 8:

Trachea: NSF

Luminal organ: NSF

Unknown tissue: NSF

Final Diagnoses:

1. Severe pneumonia

Comments:

If the single section of lung was representative of the organ as a whole, or even a moderate-sized portion thereof, pneumonia was severe enough to have caused death. The inciting cause and a more refined elucidation of the infiltrating cells was obscured by advanced

decomposition. Common, available ancillary testing that might be of utility include morbillivirus PCR and possibly also Brucella PCR.

Reported By:

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