

**ZOOLOGICAL PATHOLOGY PROGRAM
STRANDED CETACEAN NECROPSY REPORT**

Field ID: 89IMMS042011
Additional Identifier:
ZPP Accession Number: 11-70Tt
Species: Tursiops truncatus
Strand Date: 04/20/2011
Strand Location: Petit Bois Island, Mississippi
Sex: F
Age Class: calf
Necropsy Date: 7/19/2011
Condition code: 3
Total Length: 100 cm
Weight:
Blubber Depth:
Body Condition:

Gross Necropsy: Gross report available. Gross findings include (from report):
There is severe scavenger damage on the R thorax and head with extensive tissue loss. There are no apparent gross internal lesions.

Slides/Tissues Received: 12 slides.

Microscopic Findings:

Slide 1:

Lung: Alveolar spaces and bronchioles are partially expanded. Multifocally alveolar spaces contain small numbers of amniotic squamous cells and few small accumulations of yellow-brown material (meconium).

Thymus: No significant findings (NSF)

Slide 2:

Lymph node: NSF

Spleen: NSF

Adrenal gland: NSF

Heart: NSF

Slide 3:

Heart: NSF

Kidney: NSF

Slide 4:

Heart: NSF

Slide 5:

Liver: NSF

Skeletal muscle: NSF

Slide 6:

Intestine: NSF

Urinary bladder: NSF

Great vessels: NSF

Slide 7:

Squamous stomach: NSF

Stomach: Few gastric glands are dilated and contain sloughed cells.

Ovary: NSF

Uterus: NSF

Slide 8:

Skin, blubber: NSF

Slide 9:

Pituitary gland: NSF

Slide 10:

Cerebrum: NSF

Slide 11:

Cerebrum: NSF

Slide 12:

Cerebellum: NSF

Final Diagnosis:

Lungs: Fetal distress

Ancillary Test Results: None available

Comments:

Though the lungs were partially inflated indicating that the animal had breathed after birth, there were small amounts of aspirated meconium within alveoli. This indicates some degree of fetal distress during the birth process. The small number of amniotic squamous cells were regarded as within acceptable limits for a neonate and there was no indication of pneumonia or in utero infection.

Reported By:

Kathleen M. Colegrove-Calvey DVM, PhD, Dip ACVP
May 31, 2012