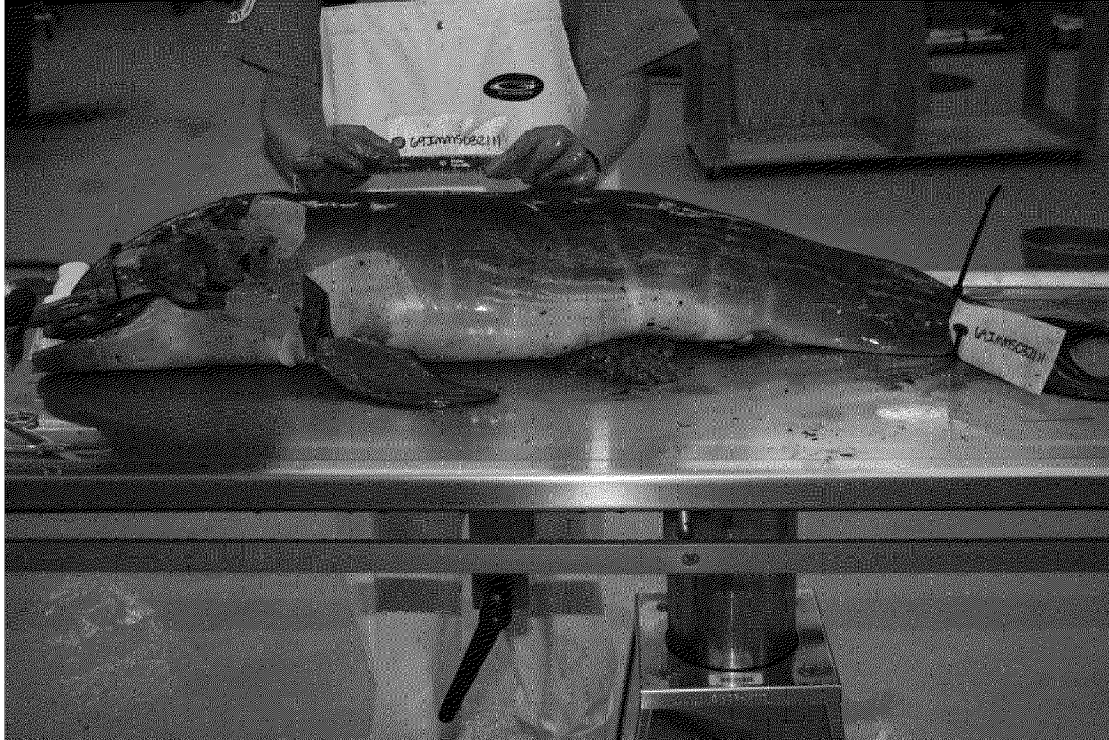


GROSS NECROPSY REPORT

SPECIES *Tt* FIELD NUMBER 69IMMS032111 DATE July 19, 2011
LOCATION Biloxi, MS LAT/LONG 30.39101/-88.95159
SEX F TL 95 cm COND 3+ WEIGHT N/E

69IMMS032111 *Tt*GROSS NECROPSY

A perinatal 95 cm total length female *Tursiops truncatus* is presented dead July 19, 2011 in very poor post mortem (code 3+) and moderate body condition. The animal is moderately fleshed. There is generalized pallor of the skeletal musculature and blubber. The lungs are uninflated and representative portions sink on immersion in formalin. The stomach is empty and the colon contains a moderate amount of meconium. The ductus arteriosus is patent. There is extrusion of multiple loops of small intestine through the umbilicus. The dorsal fin is folded and there are prominent fetal folds. No teeth are erupted and rostral hairs and follicles are present. There are no apparent gross internal or external lesions.

CONCLUSIONS

There are no overt lesions which may account for the loss of this animal; as portions of lung sank in formalin the animal appears to have succumbed in utero or immediately after birth. Histopathology of the sampled lungs may provide some insights as to the stage of lung function. The foramen ovale was too autolyzed to assess. Due to the degree of decomposition, the umbilical hernia was considered post mortem.

GROSS FINDINGS

1). Carcass: Open, autolysis

TISSUE DISPOSITION

Meconium and liver, biotoxin analysis

Mandible and skin for life history

Brain, thymus, lymph nodes, liver, spleen, adrenal gland and lung, virology

Lung, histopathology

Tissues, histopathology

Morphometrics recorded

Photographs

Liver, kidney, meconium and blubber for PAH/chemistry

Spleen, liver, brain swab, and small intestine, bacteriology