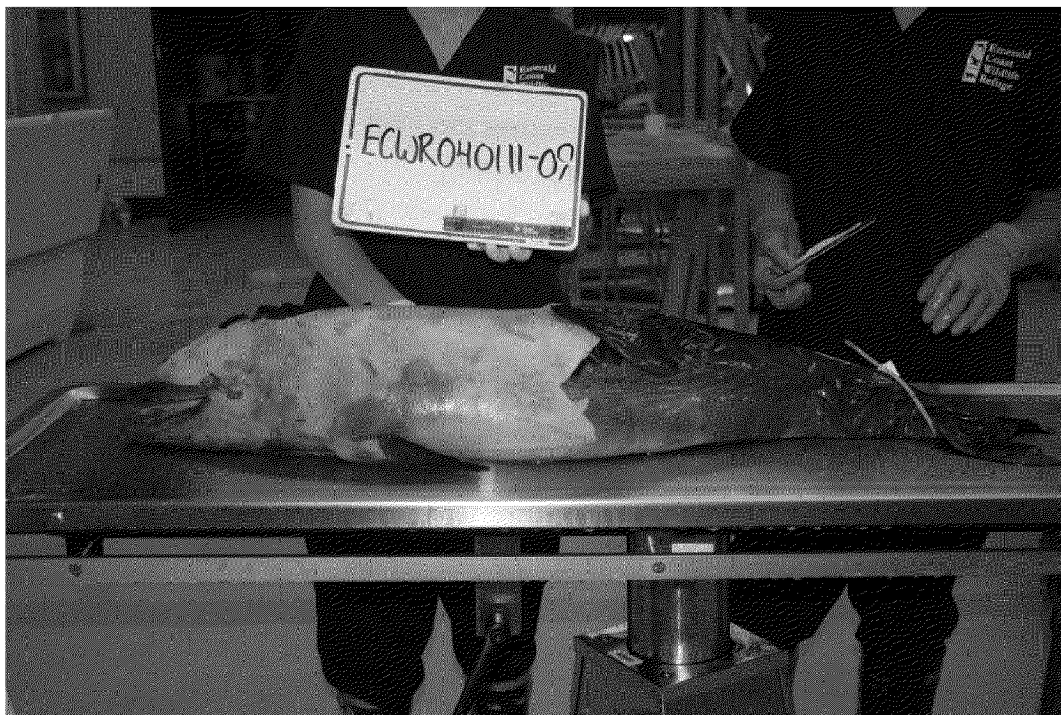


GROSS NECROPSY REPORT

SPECIES *Tt* **FIELD NUMBER** ECWR040111-09 **DATE** July 21, 2011
LOCATION Shalimar, FL **LAT/LONG** 30.43255/-86.56565
SEX M **TL** 106.5 cm **COND** 4 **WEIGHT** N/E



ECWR-40111-09 *Tt*

GROSS NECROPSY

A 106.5 cm total length, perinatal male *Tursiops truncatus* is presented dead July 21, 2011 in very poor post mortem (code 4) and moderate body condition. The animal is moderately fleshed. There are no stomach contents and a moderate amount of meconium is in the colon. Multiple segments of bowel enveloped in omentum are exteriorized via the umbilicus. Rostral hairs, follicles and fetal folds are evident. There are no erupted teeth and the dorsal fin is folded. The ductus arteriosus is patent and representative portions of lung partially float in formalin. Along the ventrolateral aspect of the abdomen, immediately cranial and lateral to the anus, as well as along the lateral aspect of the body wall, there are elliptical and hemi-elliptical tooth marks which extend moderately deep into the blubber. There are no other apparent gross internal or external lesions.

CONCLUSIONS

Gross evaluation of this animal was hampered by marked post mortem decomposition. Although teeth marks are apparent on the carcass, the lack of associated hemorrhage and edema suggests terminal predation or possible post scavenging, rather than a direct attack. The degree of autolysis and no apparent hemorrhage or edema associated with the umbilicus suggests that the extruded loops of bowel are most likely due to putrefaction, although herniation associated with physical impact or trauma cannot be entirely discounted. The lack of ingesta within the stomach suggests possible metabolic derangements (hypoglycemia) and may be associated with a nonviable neonate, maternal neglect and other factors.



Viscera

GROSS FINDINGS

1). Skin, ventrolateral and lateral aspect of carcass: Bite wounds, cutaneous, moderate, multifocal

TISSUE DISPOSITION

Skin and mandible, life history
Brain, liver, adrenal gland, spleen and lung, virology
Lung, histology
Liver and meconium, biotoxins
Carcass remains, archived
Gross photos
Head, radiographs