

GROSS NECROPSY REPORT

SPECIES FT FIELD NUMBER 61 IMM506110 DATE 6/14/200 - perjury
date

LOCATION Ocean Springs, MS LAT NE / LONG NE

GENDER Male TL 226 COND code 3 WEIGHT 500 lb est.

HISTORY:

NECROPSY

EXTERNAL EXAM:

Dorsal surface of the thorax healed tooth rakes, lateral thorax just coddle @ to axilla brown oil is adherent, left pec dorsal surface multiple healing tooth rakes, Right Scapula is missing, Right Dorsal

INTERNAL EXAM:

Surface between, 5cm cranial to blowhole 4.5 lateral to anterior dorsal fin, oil (brown) line lateral to the oil line, skin is hydrated in water, dorsal to the line skin is dark gray in water (swab) lateral Right anterior to cervical slit tooth raking healing - oil line extends from

BLUBBER:

posterior dorsal fin to mid keel along the dorsal midline (swab taken), Healing right mark of leading edge right pec to insertion of body, just dorsal to right pec - another set of healing rake marks, dorsal surface of

MUSCULOSKELETON

Axial Muscle:

Left shoulder NAF, Thyroid and Thymus NVL

Axial Skeleton

Dorsal epaxial is shrunken in, lateral abdominal wall hypaxial is very adherent to the blubber, transverse processes visible and papapala

Ribs & Sternum:

No broken ribs

CIRCULATORY SYSTEM

Heart:

NVL, aorta NVL histo x3

RESPIRATORY SYSTEM

Wholes:

Lungs: Left lung had a light-moderate load of lungworm, Left lung freeze thaw artifact tissue discolored dark brown. Upon cut, parenchyma tissue is brick red throughout. ^{Left lung is spongy, lumpy to the touch. Right lung is inflated,}

DIGESTIVE SYSTEM

Esophagus: Lining discolored green/beige decomp thoracic portion contains a whole ^{partially} digested fish (sample)

Fore Stomach: Small amount of brown fluid, partially digested fish bones and otly, live NVL

Main Stomach: light load of Braumina, lining is discolored decomp black green. A few fish vertebrae present,

Pyloric Stomach: feels gritty, contains a few lenses

Intestine: Proximal intestine. It contained 1 trematode worm? Collected. Light brown/beige fluid present, Distal ^{contents} are gritty, muddy brown collected for hydrocarbon analysis

Liver: NVL - no parasites ^{Mid intestine epi. Loughing off - beige pink contents}

Pancreas: NVL - soft and friable

URINARY SYSTEM

Kidneys: ^{no visible fat (Kidneys)} Upon cut, superficial reniculi are cortex dark purple red medulla pink beige. Cortex discoloration freeze thaw artifact. Histo X 3, Hydrocarbon X 2. No parasites

Adrenals: NVL

Urinary Bladder: thick, yellow/reddish viscous, mottled
Cirrus - no stones seen

ENDOCRINE & HEMOLYMPHATIC SYSTEMS

Thymus: NVL

Thyroid: NVL

Pituitary:

Spleen: Hemosiderosis - moderate to large amount on surface

Lymph Nodes: pre-scap, on cut surface, hemorrhagic edema, discolored dark red, enlarged, TBLN - NVL
Gastric lymph node - upon cut - mottled beige to dark brick red - hemorrhagic edema?

REPRODUCTIVE TRACT: Testes - linear scarring running on longitudinal axis of testes

CENTRAL NERVOUS SYSTEM

Brain: Superficial vessels are engorged deep into sulcus. Half & half gray/white material

Spinal Cord: NVL

HEAD Ventral = pink discoloration, blood pooling. Ventral to the left eye, freeling tooth marks. Tip of Rostrum, teeth are worn - broken, vent tip of mandible - scar tissue is present, Cape is clean.

SENSORY ORGANS

Eyes:

Ears:

Field Number 101IMMS061110

REMARKS: Penis at mid-shaft has a lesion circular 1 cm in diameter with a light amount of oil adherent to the epithelium. Lesion was subsided.

CONCLUSIONS:

Carcass Disposition:

CAUSE OF DEATH FROM FIELD DETERMINATION:

This report was generated by:

TISSUES COLLECTED

PHOTOS/VIDEO:

ASSOCIATED DATA SHEETS:

61 IMMS 061110

NOAA Fisheries Office of Law Enforcement

Photograph Log

Type ^{BP camera} 200PIX 4 Film Type digital Photographer Name ~~Shannon Hlyzer~~ Shannon Hlyzer Date 4/11/10

Photo #	Time	Description
0064	1752	Right side exposed in body bag
0065	1752	Right side peduncle
0066	1752	R-side peduncle, mark made by gel
0067	1752	Rake marks on side
0068	1752	Scan on R side
0069	1752	R pec - fresh scan
0070	1753	Rake marks, underside of L pec
0071	1753	R side of head
0072	1753	R side dorsal fin
0073	1753	R side dorsal fin
0074	1753	Rake marks on L fluke, dorsal side
0075	1754	Rake marks on dorsal side of fluke
0076	1754	R fluke rake marks - dorsal side
0077	1755	R jaw
0078	1756	L side of body
0079	1756	L pec
0080	1756	L dorsal fin
0081	1756	Wet mark
0082	1756	L side peduncle
0083	1756	L side scan
0084	1758	L pectoral fin
0085	1801	L side view, partial ventral view

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Photograph Log

Type	BP Camera 4	Film Type	Digital	Photographer Name	Shannon Hayden	Date	6/11/10
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Photo #	Time	Description
0086	1804	ID Card w/ animal
0087	1804	ID Card.
0088	1327	ID card
0089	1327	ID card
0090	1327	ID card
0091	1329	ID card
0092	1330	ID card
0093	1331	ID card
0094	1331	ID card
0095	1331	ID card
0096	1331	ID card
0097	1335	ID card
0098	1335	ID card
0099	1338	ID card
0100	1350	ID card
0101	1350	ID card
0102	1350	ID card
0103	1355	ID card
0104	1356	ID card
0105	1356	ID card
↓	↓	
0116	1617	ID card

Leading Edge

Right Ventral surface = Con Specific

Left LE Ventral = 3 pairs of keeled teeth extending to the additional lip

Left Dorsal fin CT = multiple rake marks extending to mid & caudal edge

Head:

* Brain samples include

① Pituitary

③

② Choroid Plexus Left Cerebrum sample 3

④ Cerebellum = central white matter dark brick red hemorrhagic

⑤ Right Cerebrum

6/IMMS 06/11/10 TE

(2)

Samuel Scintilla

6/11/2010

Histo X 2 IMMS

6/14/10

2 Histo Goro DROT

1 Histo Goro IMMS

Left Eye Histo DROT

Brain Histo DROT

Brain Histo IMMS

Glass Vials

Wine

Cryo Vials

Lung Parasite X3

Pre-Scalp lymph node X3

Penile lesion swab

Bags (Hydrocarbon Analysis)

Lung X 2

Kidney X 2

Spleen X 2

Liver X 2

Muscle X 2

Intestine X 2

Blub Bow X 2

Distal Intestine X 1
Contents

Epidermal Anilla Swab X 2

Trachea Swab X 1

Partially digested fish Esophagus X 1

Blowhole Swab X 1

Caudal Oil Line Swab X 1

Right Side Oil Line Swab X 1

Fore Stomach Contents X 2

Cooper's Spot X 1