

14-1964

New Jersey Department of Agriculture
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FINAL RESULTS REPORT

KELCEY BURGUESS
NJ DFW BLACK BEAR RES PRO
CLINTON WMA
Hampton , NJ 08827

Case#: 14-1964 Species: Black Bear
Submitted Date: 09/22/14 Breed: Black Bear
Owner: Burgess, Kelcey Age:
Report Date: 10/08/14 Sex: Male

Pathologist
Shannon L. Swist, DVM, MS

Pathology Section

Histopathology - Verified on: 10/08/14

Animal Id	Specimen	Result
Black Bear	whole Body Dead	Completed Histopathology

Comment:

Microscopic Findings (slides 1-15):

Liver and spleen (1): Severe tissue autolysis; no significant findings (NSF).

Lungs (2): Severe tissue autolysis; NSF.

Kidneys (3): Severe tissue autolysis; NSF.

Skeletal muscle (4): NSF.

Heart (5): NSF.

Urinary bladder, lymph node and stomach (6): Severe tissue autolysis; NSF.

Small intestine and colon (7): Severe tissue autolysis; NSF.

Brain (8-15): NSF.

Microscopic Diagnosis: No significant microscopic findings.

Comments:

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There are no indications of significant inflammation, infectious organisms, neoplasia or other disease in the examined tissue sections.

Pathologist: Shannon L. Swist, DVM, MS

Qualitative Fecal Flotation - Verified on: 09/25/14

Animal Id	Specimen	Genus/Species	Results	Level
Black Bear	Feces	ova	None Observed	

Comment:

Qualitative fecal analysis: The number of eggs or parasites is the number observed on the entire slide (not per field) for each parasite reported. 1 egg or parasite = rare; 2-4 eggs or parasite = few; 5-10 eggs or parasites = light; 11-50 eggs or parasites = moderate and > 50 eggs or parasites = heavy.

rabies health virology

Rabies Health Department - Verified on: 09/23/14

Animal Id	Specimen	Result
Black Bear	Brain	Negative

Comment:

Negative for rabies by fluorescent antibody test performed in the virology laboratories of the New Jersey Department of Health and Senior Services.

Pathology Section

Gross Pathology - Verified on: 09/23/14

Animal Id	Specimen	Result
Black Bear	whole Body Dead	gross pathology

Comment:

Gross Findings:

Presented for necropsy on 9-22-14 is the body of an adult male black bear. Moderate to severe post mortem tissue autolysis is present at the time of examination. This bear is in good nutritional body condition (body weight: 302 lbs.), the fur is well-kept and no external parasites are noted. Large amounts of blood-tinged fluid drain from the nose and mouth. The abdomen is distended and taut.

There is a 2.0 cm diameter projectile entrance wound through the left upper lip lateral to the philtrum ventral to the nasal opening that extends into the oral cavity. The margins of the wound are ragged, torn and hemorrhagic. There is extensive hemorrhage and soft tissue trauma in the oral cavity with fragments of skin, few fibers of fur, tongue and other soft tissue displaced to the oropharynx and cranial esophagus. The left upper canine and several maxillary incisors have been broken at the level of the gum line with localized gingival tissue loss and hemorrhage. A projectile track extends through the muscles of the cervical neck at the level of C2-C3 vertebrae with extensive soft tissue hemorrhage and trauma.

There is a 2.0 cm diameter projectile entrance wound through the skin of the right forelimb mid-humerus with extensive soft tissue hemorrhage and trauma. The margins of the wound are ragged, torn and hemorrhagic. The projectile track extends into the thoracic cavity between the 4th and 5th ribs with a 6.0 x 2.5 cm tear in the intercostal muscle. The thoracic cavity is filled with moderate amounts of clotted blood with a 2.0 cm diameter projectile track through the right cranial lung lobe; a mushroomed, 1.9 cm projectile is located free within the thoracic cavity. The gastrointestinal tract is distended by gas and there is severe autolysis of abdominal organs, especially liver and kidneys. The stomach is filled with 5.1 lbs. of liquid and solid ingesta; identifiable items in the ingesta are pieces of cloth and organic plant matter. The duodenum, jejunum and ileum are devoid of ingesta and contain scant amounts of mucus. The distal colon and rectum contains a small amount of formed feces. The urinary bladder is empty. The brain is grossly unremarkable. No additional gross findings are noted.

Gross Diagnosis:

Body: Multiple projectile wounds with associated soft tissue hemorrhage, tissue trauma and hemothorax.

Comments:

This black bear is in good nutritional body condition with no observable indications of disease or other illness based on gross necropsy examination.

Pathologist: Shannon L. Swist, DVM, MS