

DIAGNOSTIC CASE REPORT

U. S. GEOLOGICAL SURVEY-BIOLOGICAL RESOURCES DIVISION
NATIONAL WILDLIFE HEALTH CENTER-HONOLULU FIELD STATION
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Case Number: 25650

Submitter Name:

Dr. Todd Jones
National Oceanic and Atmospheric
Administration
1845 Wasp Blvd Bldg 176
Honolulu, Hawaii 96818
United States

Species submitted (n):

Turtle: Green (1)

Location:	Diamond Head	DateCollected:	4/26/2019
Area:	Honolulu	DateSubmitted:	5/2/2019
State:	Hawaii	DateReceived:	5/2/2019
Country:	United States	DateExamined:	5/2/2019

SPECIMENS SUBMITTED: Tissue-Fixed formalin

History: This turtle was found dead at Cromwells Beach near Diamond Head on 26 April 2019. This animal was known to have nested on East Island, French Frigate Shoals and was first tagged in 1999. Pit tags - Left hind flipper 413E2E1530, right hind flipper 41350F0760. It was necropsied at IRC on 30 April 2019 and formalin-fixed tissues were submitted to HFS for histopathology.

Findings: Accession 1-green turtle adult female in unknown body condition. Gross evidence of intestinal inflammation was seen which on histology turned out to be bacterial enteritis.

Final diagnosis: Accession 1-Bacterial enteritis.

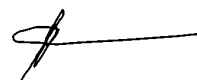
Comments: Gross and microscopic lesions pointed to bacterial enteritis as cause of death.

Management:

Report Date (mm/dd/yyyy): 9/24/2019

Necropsy report: Enclosed

Copies of this report sent to:



If you have questions regarding this case, contact Thierry M. Work MS, DVM, MPVM at 808-792-9520. Include above Case Number. Diagnostic findings may not be used for publication without the pathologist's knowledge and consent.

NOTE: Information in this report supersedes any information from previous reports regarding this case

NATIONAL WILDLIFE HEALTH CENTER
NECROPSY REPORT

Submitter Name:

Dr. Todd Jones
National Oceanic and Atmospheric
Administration
1845 Wasp Blvd Bldg 176
Honolulu, Hawaii 96818
United States

Case: 25650
Accession: 1
Date Collected: 4/26/2019
Date Examined: 5/2/2019
Prosector: T. M. Work
Pathologist: T. M. Work

Signalment-Morphometrics-History

CONDITION: (Unknown) POSTMORTEM: (Poor) EUTHANASIA: (Not euthanized)
TAG TYPE: (Other band) TAG NO.: (41350F0760)
SPECIES: (Turtle: Green) AGE: (Adult) SEX: (Female)
MORPHOMETRICS: Weight carcass (108.4 kg), Straight carapace length (96.8 cm).
COLLECTION-SITE: (Diamond Head) AREA: (Honolulu) STATE: (Hawaii) COUNTRY: (United States)
HISTORY: This turtle was found dead at Cromwells Beach near Diamond Head on 26 April 2019. This animal was known to have nested on East Island, French Frigate Shoals and was first tagged in 1999. Pit tags - Left hind flipper 413E2E1530, right hind flipper 41350F0760. It was necropsied at IRC on 30 April 2019 and formalin-fixed tissues were submitted to HFS for histopathology.

External/Internal

EXTERNAL:

INTERNAL: The spleen feels firm. There is fibrotic necrosis of the intestines. The intestinal wall is thickened.

PRELIMINARY DIAGNOSIS: Necrotizing enteritis.

Samples

SECIMENS RECEIVED: Tissue-Fixed formalin.

HISTO: Intestine small (A); Intestine small (B); Intestine small (C); Intestine small (D); Intestine small (E).

Laboratory Results

HISTOPATHOLOGY

Intestine small: Within muscularis of one section (A)), are nidi of eosinophilic debris mixed with bacteria and surrounded by giant cells. Within another section (B), the mucosa is diffusely ablated with diffuse hemorrhage. Within a third section (C), the mucosa is replaced by eosinophilic debris mixed with bacteria and separated from underlying muscularis by giant cells. There are similar changes within the serosa.

COMMENTS: Gross and microscopic lesions pointed to bacterial enteritis as cause of death.

Final Diagnosis (in order of importance)

Diagnosis	Topog	Morpho	Etiol	Funct	Dis	Link
1. Bacterial enteritis	(T50500)	(M42100)	(E10012)	()	()	()

Diagnostic findings may not be published without the knowledge and consent of the pathologist.

Milt Code: (Infectious disease)