



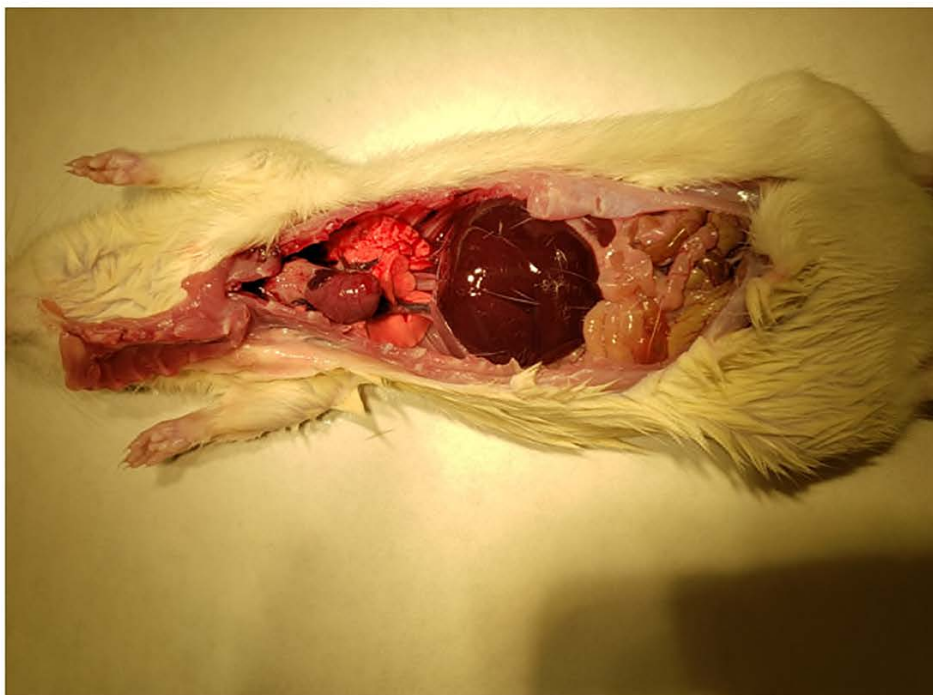
Tue 7/2/2019 11:42 AM

Mosher, Abilene R

Necropsy of Female Rat 5.5

To  Goerndt, Angela M;  Stafford, Michael D

 You forwarded this message on 11/5/2019 3:38 PM.



DOB: 04/13/2019

Species: Rattus norvegicus

Strain: Sprague Dawley

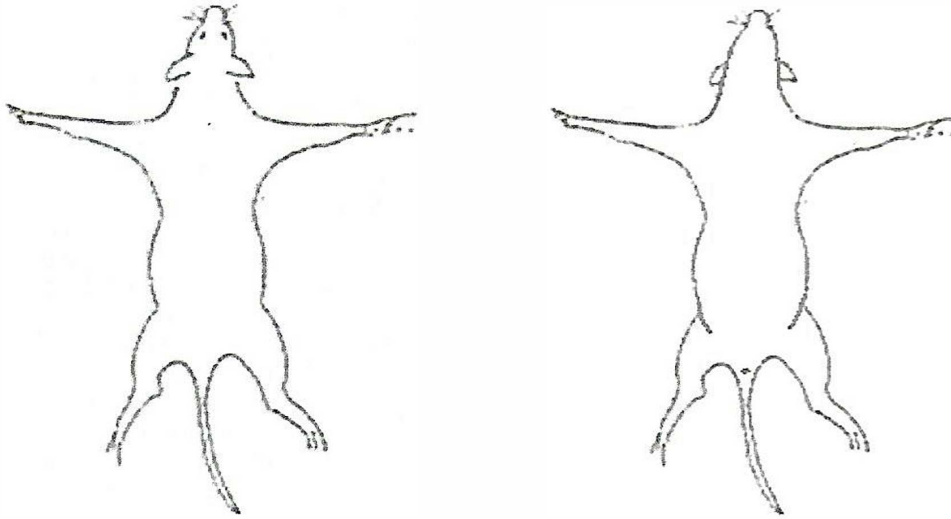
Sex: F

Principle Investigator: Paul Durham

Protocol: 2018-4

Colony: 05

Identification: 5. 5



Notes:

05/24/2019: Animal transferred from CM breeding colony 19-012.0

S/29 - S/31 Acclimations

6/11 Basal VF; 100 (10x10 μ l) CEA into neck muscle under 3% iso.

6/18 DB VF; 20 min near-maximal jaw opening under 2% iso; 2 hr U.

6/27/18 - weakness in hind limbs, starting at T-L junction
& progressing, & paw-als. no pain noted.
Keep an eye on animal motion

7/1/19 - Loss of several toes in hind limbs. prophy...
staring around eyes. S. prof. east hump in spin
at T-L junction. make sure food is in bottom
of cage for animal to eat. motion.

~~07/02/19~~

Date of death/explanation:

07/02/19 - Sara W. requested euthanize & necropsy.

[Handwritten signature]
1/8/19

Necropsy findings:

did not observe any abnormalities. No obvious signs of bruising on the back. No edema. Organs appear normal size, shape, & color. (46) Urine might have been a little concentrated, kidneys look normal. (46) There was food in the stomach & fecal pellets in the intestines. (46)

DOB: 04/13/2019

Colony: 05

Protocol #: 2018-4

Principle Investigator: Paul Durham

Source: 19-012.0 CM Breeding Colony

Species: *Rattus norvegicus*

Strain: Sprague Dawley

Sex: F

ID:

5. 5

Marked
single band

Acclimation set 3
May 29-31

Teva col 5 Females



Individual Health Record

Clutch#: 266

DOI#: ~09/10/2019

Principle Investigator: Henry Tsai

Species: Alligator mississippiensis

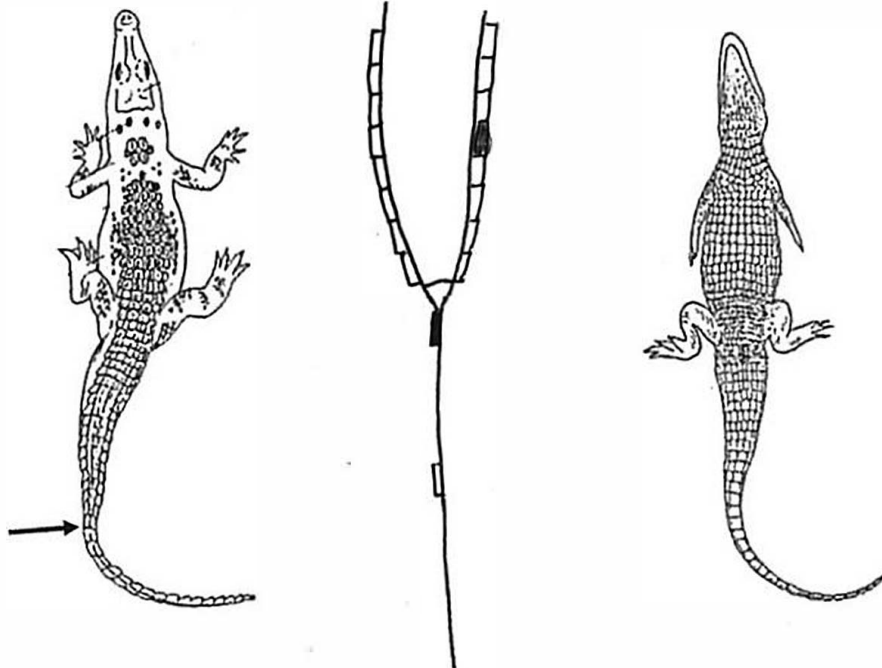
Protocol: 19-016.0

Strain: American Alligator

Tank#:

Sex: supposedly female

Identification: 266-~~4~~5



Notes:

09/16/2019: Clipped tail scute for identification. ~~clutch~~
9/23/2019: Clipped tail scutes for individual ID
10/1/19: Found dead in tank (SL)

Spec# ALA 33

Date of death/explanation:

10/1/19 Found dead. (SL)

Necropsy findings:

none reg  10/7/19

From: Tsai, Henry
Sent: Thursday, October 3, 2019 5:51 PM
To: Lupfer, Shayla M
Cc: Goerndt, Angela M; Stafford, Michael D; Mosher, Abilene R
Subject: Re: Dead Alligator

Hello all,

I did an autopsy of the dead alligator and found the following:

1. A small yolk sac seems to still persist in this animal's abdominal cavity. The internal content looks flakey/grainy, and it seems to be enveloping the intestines. My understanding is that normal process for alligators to reabsorb the yolk sac is to have it regress into the intestine. It seems that in this case the intestines have herniated into the yolk sac.
2. Both the yolk sac and the intestines are bound by a single large sac. When I pushed on it some yellowish liquid (stomach acid?) spewed out.

I will formalin fix the GI tract to help with dissection later, but I'm suspecting the cause of death to be some internal malformations.

Henry



Sent from my iPhone

On Oct 1, 2019, at 2:57 PM, Lupfer, Shayla M <SLupfer@missouristate.edu> wrote:

It did not look especially lean or have any other indication for why it died.

Shayla Lupfer

From: Tsai, Henry <HTsai@MissouriState.edu>
Sent: Tuesday, October 1, 2019 2:35 PM
To: Lupfer, Shayla M <SLupfer@MissouriState.edu>; Goerndt, Angela M <AGoerndt@MissouriState.edu>; Stafford, Michael D <MStafford@MissouriState.edu>; Mosher, Abilene R <Abilene703@live.missouristate.edu>
Subject: RE: Dead Alligator

Thanks for your attention. I will come over and have a look this afternoon. I was just conversing with Ruth Elsey, the biologist manager at Rockefeller Wildlife Refuge earlier on today regarding expected losses during first year of life. Sad as it is it's supposedly natural to have some losses during growth (refusal to eat, etc).

How was the body condition of said dead alligator? Was it particularly lean looking?

Dr Tsai

From: Lupfer, Shayla M <SLupfer@MissouriState.edu>
Sent: Tuesday, October 1, 2019 2:32 PM
To: Tsai, Henry <HTsai@MissouriState.edu>; Goerndt, Angela M <AGoerndt@MissouriState.edu>; Stafford, Michael D <MStafford@MissouriState.edu>; Mosher, Abilene R <Abilene703@live.missouristate.edu>
Subject: Dead Alligator
Importance: High

Dr. Tsai,

I was doing the alligator checks today and found a dead animal, ID 266-1 in Tank 3. I put the alligator into the refrigerator at Temple for you to examine. I did not notice an obvious cause of death.

Sincerely,

Shayla Lupfer