

Label: "Mar 2019 FOIA/Trapping"

Created by: joseph_madison@fws.gov

Total Messages in label: 271 (48 conversations)
Created: 05-31-2019 at 11:45 AM

Conversation Contents

[EXTERNAL] fecal samples for IBD study

Attachments:

/2. [EXTERNAL] fecal samples for IBD study/1.1 hormone analysis fecal collection protocol.docx

/2. [EXTERNAL] fecal samples for IBD study/1.2 microbiome fecal collection protocol.docx

/2. [EXTERNAL] fecal samples for IBD study/2.1 hormone analysis fecal collection protocol.docx

/2. [EXTERNAL] fecal samples for IBD study/2.2 microbiome fecal collection protocol.docx

/2. [EXTERNAL] fecal samples for IBD study/19.1 CIBDAI Scoring Index.docx

/2. [EXTERNAL] fecal samples for IBD study/21.1 CIBDAI Scoring Index.docx

/2. [EXTERNAL] fecal samples for IBD study/33.1 CIBDAI Scoring Index.docx

mbragg2 <mbragg2@masonlive.gmu.edu>

From: mbragg2 <mbragg2@masonlive.gmu.edu>
Sent: Mon Jul 30 2018 12:26:56 GMT-0600 (MDT)
To: Joseph Madison <joseph_madison@fws.gov>
Subject: [EXTERNAL] fecal samples for IBD study
Attachments: hormone analysis fecal collection protocol.docx microbiome fecal collection protocol.docx

Hi Joe,

It was great to see you as well. For the 3 times per week collection you can ship the samples as often as you need to if freezer space is limited. You can also wait a while to ship, say 4-6 months worth of samples if you want to. I'm good with whatever is easiest for you.

I would like to get as many fecal samples as possible from the old age and transfer wolves if that is okay. If that is too much work though, then just focus on the wolves that you know will be there for a full year. Please tell me if it will be too much work to collect from the wolves that won't be with you a full year. Like I said at the SSP meeting, I do not want to be overburdening at all. I'm completely fine with you just collecting from the wolves you know will be with you for the full year.

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Thank you so much for your time and participation,

Morgan Bragg

From: Madison, Joseph <joseph_madison@fws.gov>

Sent: Friday, August 10, 2018 12:46:30 PM
To: mbragg2
Subject: Re: [EXTERNAL] fecal samples for IBD study

Morgan,

It was good to talk to you again this week at SCBI. I was reading over the protocols for the different fecal samples and was wondering for the hormone samples that are collected 3 times a week and then stored in a freezer, how often would you like those samples to be shipped to you? Also, we have a few red wolves that are not (transfer) or are not likely (old age) to be here for a year from when we start collecting samples. Would you like limited fecal samples from those individuals or just focus on samples from the wolves we know we will here for a full year?

The only logistical issue I see at the moment is finding a source of dry ice and how to actually purchase it.

Thanks,

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

On Mon, Jul 30, 2018 at 2:26 PM, mbragg2 <mbragg2@masonlive.gmu.edu> wrote:

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Best,
Morgan Bragg

"Olson, Shaun" <shaun_olson@fws.gov>

From: "Olson, Shaun" <shaun_olson@fws.gov>
Sent: Thu Sep 06 2018 06:30:18 GMT-0600 (MDT)
To: Joseph Madison <joseph_madison@fws.gov>
CC: Ryan Nordsvan <ryan_nordsvan@fws.gov>, Michael Morse <michael_l_morse@fws.gov>
Subject: Re: [EXTERNAL] fecal samples for IBD study

Is the one hour time frame for just the microbiome or for both?

On Thu, Aug 9, 2018 at 12:06 PM Madison, Joseph <joseph_madison@fws.gov> wrote:

All,

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Shaun Olson
Biological Science Technician
Eastern North Carolina Ecological Services Sub-Office

U.S. Fish & Wildlife Service
P.O. Box 1969
Manteo, NC 27954
Phone: (252) 473-1132 ext. 241

Cell: (252) 475-8352
Email: shaun_olson@fws.gov

"We are a way for the Cosmos to know itself."

"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Fri Sep 07 2018 10:12:23 GMT-0600 (MDT)
To: mbragg2 <mbragg2@masonlive.gmu.edu>
Subject: Re: [EXTERNAL] fecal samples for IBD study

Morgan,

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From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Fri Sep 07 2018 10:13:26 GMT-0600 (MDT)
To: "Olson, Shaun" <shaun_olson@fws.gov>
CC: Ryan Nordsven <ryan_nordsven@fws.gov>, Michael Morse <michael_l_morse@fws.gov>
Subject: Re: [EXTERNAL] fecal samples for IBD study

I've asked for clarification on that point since the hormone protocol doesn't specify.

Joe Madison
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On Thu, Sep 6, 2018 at 8:30 AM, Olson, Shaun <shaun_olson@fws.gov> wrote:
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On Thu, Aug 9, 2018 at 12:06 PM Madison, Joseph <joseph_madison@fws.gov> wrote:
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Shaun Olson
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mbragg2 <mbragg2@masonlive.gmu.edu>

From: mbragg2 <mbragg2@masonlive.gmu.edu>
Sent: Fri Sep 07 2018 14:38:01 GMT-0600 (MDT)
To: "Madison, Joseph" <joseph_madison@fws.gov>
Subject: Re: [EXTERNAL] fecal samples for IBD study

Sounds great! I'll let you know when I've shipped them out.

Thank you again,
Morgan

From: Madison, Joseph <joseph_madison@fws.gov>
Sent: Friday, September 7, 2018 4:42:54 PM
To: mbragg2
Subject: Re: [EXTERNAL] fecal samples for IBD study

Thanks Morgan.

For the shipping address it depends on the method of shipping. Just to make it easier I usually suggest using the following address because it covers everything:

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On Fri, Sep 7, 2018 at 4:38 PM, mbragg2 <mbragg2@masonlive.gmu.edu> wrote:

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Sounds great. I'll get the cooler and cool packs shipped out to you next week. Is 100 Conservation Way Manteo, NC 27954 the best address to ship to?

No problem on the slow start, I completely understand. Hope everyone returns safely!

The microbiome fecal samples are the only ones that need to be collected within an hour of defecation. The hormone fecal samples can sit longer than a hour before being collected. If need be, they can sit overnight and be collected in the morning. Please let me know if you have any other questions or concerns.

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"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Mon Oct 15 2018 10:20:01 GMT-0600 (MDT)
To: mbragg2 <mbragg2@masonlive.gmu.edu>
Subject: Re: [EXTERNAL] fecal samples for IBD study

Morgan,

No worries on the delay in shipping the cooler to us. In fact, if you haven't had the chance to do it yet, don't worry about it. We got an order of vaccines in this morning and they came in a nice Styrofoam cooler perfectly fit inside a box that will work well for when we ship the scats to you. If you've already sent it to us I'm sure we can put it to use shipping scats back to you.

Thanks,

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On Thu, Oct 11, 2018 at 3:18 PM mbragg2 <mbragg2@masonlive.gmu.edu> wrote:

Hi Joe,

I have not forgotten about shipping a cooler. I was waiting because I thought I was going to get a large cooler from one of my other facilities but that did not happen. So i'm just going to ship you the small one and if I get a bigger one later on then i'll send it your way. I'll send it out by the end of this week and let you know when I do. Sorry for the delay.

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Hi Joe,

It was great to meet you last week at the red wolf SSP meeting! I just wanted to send a follow up email about your interest in participating my IBD study. I have attached the hormone analysis (3 times/week) fecal collection protocol for you to review one more time to ensure it will work for your facility. I would still love to be able to get the microbiome (one time) fecal samples from your wild capture wolves if that is still a possibility. They just have to be collected and put in the freezer within one hour of defecation. I can provide fecal ID beads and ziplock bags if you need them for collections. Shipping will be covered by SCBI as well. Please let me know if you have any questions or concerns. Thank you so much!

Best,
Morgan Bragg

mbragg2 <mbragg2@masonlive.gmu.edu>

From: mbragg2 <mbragg2@masonlive.gmu.edu>
Sent: Mon Oct 15 2018 11:02:48 GMT-0600 (MDT)
To: "Madison, Joseph" <joseph_madison@fws.gov>
Subject: Re: [EXTERNAL] fecal samples for IBD study

Joe,

Yes, I got the forms from Shaun.

Okay that sounds great! That is fine about Betty, i'll take what I can get from her. I'll be in contact again soon for the April forms. I appreciate continued collections without an intern present.

Thank you and the team for your time and participation!
Morgan

From: Madison, Joseph <joseph_madison@fws.gov>
Sent: Thursday, April 25, 2019 2:29 PM
To: mbragg2
Subject: Re: [EXTERNAL] fecal samples for IBD study

Morgan,

Do you receive the forms?

I've been away from the office the last couple of weeks, but it is my understanding that the month of April scat collection is going well, mostly because we do not currently have an intern so we are doing it ourselves. So we are actually using the smaller ziplocks you supplied and taking the proper number of samples and the recommended amount per sample. They have noted that the oldest female doesn't leave scats as regularly so you'll note a few less samples for her.

Thanks,

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

On Thu, Apr 25, 2019 at 1:33 PM mbragg2 <mbragg2@masonlive.gmu.edu> wrote:

Hi Joe,

It is no problem! I just want to ensure that I will be there to receive and quickly store the shipment. For future reference, the fed ex account number is 179170469. Please put "red wolf" in the reference section of the label.

No problem, just email me the forms whenever possible. Thank you!

Have April collections been going well?

Best,
Morgan

From: Madison, Joseph <joseph_madison@fws.gov>
Sent: Thursday, April 25, 2019 1:19 PM
To: mbragg2
Subject: Re: [EXTERNAL] fecal samples for IBD study

Morgan,

I think we have had more missteps in this very simple scat collection than everything else we do combined. SMH. I apologize for the confusion. When we were shipping them we contacted SCBI to request the Fed Ex code and I erroneously thought that would suffice as the notification, but I just asked and it turns out the email requesting that code came back as undeliverable a few days after he had already shipped the samples just to get them to you sooner. Next time I will notify you myself to make sure it happens. He said he just completely forgot to include the completed forms in the shipment so we'll get those scanned and emailed to you pronto.

Thanks,

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for

Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

On Thu, Apr 18, 2019 at 8:27 AM mbragg2 <mbragg2@masonlive.gmu.edu> wrote:

Hi Joe,

Touching base to see if you have the completed monthly GI forms for the 4 girls. Also, thank you for sending me samples. However, next time, could someone let me know that samples are being shipped just so I can ensure I am at SCBI to pick them up and put them in the freezer. I'll be returning your shipping cooler soon as well.

Thank you!

Morgan

From: mbragg2
Sent: Wednesday, April 3, 2019 4:06 PM
To: Madison, Joseph
Subject: Re: [EXTERNAL] fecal samples for IBD study

Hi Joe,

Awesome! I'm glad to hear sample collection went well this month. That sounds good, just whenever there is a chance the forms can be sent to me. I'll check back in a few weeks to see how things are going.

Best,
Morgan

Sent from my iPhone

On Apr 3, 2019, at 3:46 PM, Madison, Joseph <joseph_madison@fws.gov> wrote:

Morgan,

Sounds like we have a good amount of scat collected for you from March, and hopefully not too much, and I'm told it is organized and that the forms for March have been completed, so I'll make sure they get sent off to you in a reasonable amount of time.

I am definitely extremely glad of the NAS findings of course, now we just have to make sure we do something with it.

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

On Mon, Apr 1, 2019 at 3:41 PM mbragg2 <mbragg2@masonlive.gmu.edu> wrote:

Hi Joe,

Wanted to check in and see how fecal collections went this month and if you have the GI average forms for March?

Also, i'm sure you are just as happy as I am to hear that NAS declared the red wolf a distinct species! Woo!

Best,
Morgan

From: mbragg2
Sent: Saturday, March 9, 2019 12:07 PM
To: Madison, Joseph
Subject: Re: [EXTERNAL] fecal samples for IBD study

Hi Joe,

Thank you for the update. I'm sorry this has caused so many issues for you. I sincerely appreciate your diligence with samples collection for my project. That is fine to just put the February ones with the March ones.

Yes you are correct. You only need to collect hormone samples.

I'll reach out again soon to see how things are going. Thank you so much again. Hopefully there are no more issues.

Have a good weekend,
Morgan

Sent from my iPhone

On Mar 8, 2019, at 3:58 PM, Madison, Joseph <joseph_madison@fws.gov> wrote:

And to clarify since we are outside the dates of the mirco biome protocol we should only be collecting for the hormone analysis.

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

On Fri, Mar 8, 2019 at 4:53 PM Madison, Joseph <joseph_madison@fws.gov> wrote:

Morgan,

Thanks for reaching out. Although we do have a few for February it was not as much as it should have been and what I was expecting so if it's okay I'd rather just send those few along with March's. Not sure the forms for February would be overly accurate if I'm being honest. However, when I once again saw how few there were for February, let's just say I had a very direct conversation with the intern that should have been doing the collection and their crew leader and expressed that this was for important research. So, needless to say the amount collected for March has gone up astronomically. Too much actually to be in line with the 3 samples/week/red wolf discussed on your protocol so clearly there needs to be even more discussion. This really isn't complicated in the slightest so I'm at a loss as to why this has been like this.

Thanks,

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

On Mon, Mar 4, 2019 at 11:06 AM mbragg2
<mbragg2@masonlive.gmu.edu> wrote:

Hi Joe,

Hope you have been well since we last spoke. I was just checking in to see if collections were started again for the month of February. I know there has been a lot going on so I completely understand if collections got put on the back burner. Just let me know!

Thank you,
Morgan

From: mbragg2
Sent: Tuesday, January 15, 2019 3:14:57 PM
To: Joseph Madison
Subject: Re: [EXTERNAL] fecal samples for IBD study

Hi Joe,
As soon as I sent that email I remembered the government shutdown, i'm sorry. That is fine I completely understand. Hopefully the government will reopen soon. I'll check back in later on. I hope your holidays were great as well!

Best,
Morgan

On Jan 15, 2019, at 12:29 PM, Joseph Madison
<joseph_madison@fws.gov> wrote:

Unfortunately Morgan we have all been furloughed since the start of the government shutdown so we are only allowed to go in to work unpaid for the bare minimum amount of time it takes to feed the captive wolves every few days, so the scat collection and reports have not been occurring I'm afraid.

We also had to scrap our plan to move the wolf you were there for the capture of to a different area to try and form a new breeding pair. Very frustrating.

Anyway, I hope you had a good holiday season and your year has started off well.

Joe Madison
Assistant Field Supervisor
Red Wolf Recovery Program
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: [\(252\) 473-1132 ext 245](tel:(252)473-1132)
joseph_madison@fws.gov

On Jan 15, 2019, at 11:02 AM, mbragg2
<mbragg2@masonlive.gmu.edu> wrote:

Hi Joe,

Hope you have been well since we last spoke. I'm just checking in to see how fecal collections are going and to collect the monthly GI evaluation form for December for each female (attached). Please let me know if you have any questions or need anything. I hope the guys were able to catch that breeding female they were after.

Best,
Morgan

From: mbragg2
Sent: Thursday, December 13, 2018
12:21:26 PM
To: Madison, Joseph
Subject: Re: [EXTERNAL] fecal samples
for IBD study

Yes it was so awesome that we caught one wolf! I actually got two fecal samples which was even better! I know i'm sorry there was the surprise holiday and we didn't get to see each other again after Monday but I understand.

It is okay. I can order them through SCBI. I'll put in the order form today and they should be shipped out soon. I'll make sure it is addressed to the Red Wolf Recovery Program. Hopefully we will get another chance to meet up soon through something related to the wolves.

Thank you so much again!
Morgan

From: Madison, Joseph
<joseph_madison@fws.gov>
Sent: Thursday, December 13, 2018
12:09:28 PM
To: mbragg2
Subject: Re: [EXTERNAL] fecal samples for IBD study

Morgan,

I was really glad it worked out for you to come down and ecstatic we caught a wild red wolf while you were here and that you got fresh scat samples. I was disappointed in the way the week played out that I didn't get to be out in the field more with you or talk with you again.

We can purchase more ziplocks locally if that is preferred, but yes that is the correct mailing address, just make sure to address it to the Red Wolf Recovery Program

Thanks,

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina Ecological
Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

On Thu, Dec 13, 2018 at 11:58 AM
mbragg2
<mbragg2@masonlive.gmu.edu>
wrote:

Hi Joe,

First I just want to thank you so much again for letting me come out and organizing it. It was an amazing experience. Please tell Ryan and Michael I say thank you again for letting me ride along and ask a ton of questions. I had so much fun.

While I was around I heard Elizabeth say Sandy Ridge was out of ziplock bags so I was going to order some for the new volunteer/intern. Is this the best address to send the bags to?

P.O. Box 1969
100 Conservation Way
Manteo, NC 27954

Best,
Morgan

From: Madison, Joseph
<joseph_madison@fws.gov>
Sent: Friday, November 16, 2018
11:20:00 AM
To: mbragg2
Subject: Re: [EXTERNAL] fecal
samples for IBD study

Morgan,

The person that coordinates the bunkhouse would like you to contact her directly as it gets closer to work out the specifics. Her name is Tracey Rock and her email is tracey_rock@fws.gov and her phone number is (252) 473-1131 ext. 227.

If it works with your schedule, I was thinking you would check in some time on Sunday, December 2 and be prepared to go out with the guys trapping on the morning of Monday, December 3 and go out with them every morning that week. Then we'll play it by ear on Saturday, December 8 and see if anybody is going out that day or you can either leave that day or stick around and explore the area

or whatever and check out on Sunday, December 9. That's all up to you, of course.

The majority of the time you'll like be with Ryan Nordsven, who kind of heads up the trapping, but you'll likely go out with Michael Morse and/or Shaun Olson on a day just to get a different perspective and see different areas. You probably met Michael at the SCBI meeting this past summer. Of course there is no guarantee you'll see any wild red wolves or that we will catch anything during your week here, but hopefully we will. At the very least you'll be able to see our captive red wolves at Sandy Ridge and at the REHC in Columbia.

Let me know if you have questions.

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina Ecological
Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

On Thu, Nov 15, 2018 at 10:06 AM
mbragg2
<mbragg2@masonlive.gmu.edu>
wrote:

Okay that all sounds great. Thank you for offering and looking into the bunkhouse for me. I have absolutely no issue sharing a living space with someone. We will just keep in contact as it gets closer to the date about the weather. Thank you so much again. I can't wait to come out.

Best,
Morgan

From: Madison, Joseph
<joseph_madison@fws.gov>
Sent: Thursday, November 15, 2018
9:53:24 AM
To: mbragg2

Subject: Re: [EXTERNAL] fecal samples for IBD study

Morgan,

I was thinking you would be here from December 3 through December 9, although the guys may or may not be working on the weekends. The bunkhouse is available. It's pretty much your basic bunkhouse, but there would only be one other person staying there during that time, which is our red wolf intern caretaker unless she gets a job before then. However, it sounds like you would be in different part of the bunkhouse so basically a room and bathroom to yourself with a shared kitchen. If the weather happens to be bad that week then it sounds like we could extend your time here or bump it to the next week entirely as far as the bunkhouse is concerned.

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina Ecological
Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

On Wed, Nov 7, 2018 at 4:35 PM
mbragg2
<mbragg2@masonlive.gmu.edu>
wrote:

Hi Joe,

The week of December 3 sounds great to me. I know it is tentative but do you know how many days I can expect to spend on the refuge? Just incase the bunkhouse is unavailable. Thanks so much for checking on the bunkhouse availability. Yes, I will be driving down so there is some flexibility with timing. Thank you again for

letting me come. I am really looking forward to this.

Best,
Morgan

From: Madison, Joseph
<joseph_madison@fws.gov>
Sent: Wednesday, November 7, 2018 3:27:03 PM
To: mbragg2
Subject: Re: [EXTERNAL] fecal samples for IBD study

Morgan,

We are likely going to start doing some trapping here in the next couple of weeks, but we are expecting to be trapping into December as well. Of course it is all dependent on weather conditions when it comes time to do it so that can throw a wrench into any well made plans. Having said that, why don't we tentatively set it up for the week of December 3 and then play it by ear as we get closer to the actual date. I am assuming you would be driving down, which would make it a little easier to be flexible with the timing as opposed to flying. Also, there is a bunkhouse run by the Refuge (although it's in a neighborhood in Nags Head and not on the refuge) and I will check with them to see if you can stay there. In the spring and summer it's usually full, but in December there is a good chance there is space available.

Let me know what you think.

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina
Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

On Thu, Nov 1, 2018 at 2:23 PM
mbragg2
<mbragg2@masonlive.gmu.edu>
wrote:

Hi Joe,

I'm very happy to hear that I can come out! Coming down earlier will actually work better for me as well. I'll be around both November and December. December may be better for me depending on the dates in November since I still have class in November. Just let me know what days you are thinking and i'll make myself as flexible as possible. Thank you so much for letting me come!

It's okay about the fecal collections, I completely understand. Especially when you have people rotating a lot. It's no problem. I thoroughly appreciate you going out of your way to ensure fecals are collected going forward.

Best,
Morgan

From: Madison, Joseph
<joseph_madison@fws.gov>
Sent: Thursday, November 1, 2018 2:08:27 PM
To: mbragg2
Subject: Re: [EXTERNAL] fecal samples for IBD study

Morgan,

We are still planning on having you come down and going out with us when we are trapping, likely with Ryan. However, although we will be doing some trapping in January, it is looking like we will be doing some trapping on the Refuge in November and/or December and that might be a better time to have you with us. Are you available those during that

time frame, other than the holidays of course.

Also, I'm embarrassed and pretty annoyed to relay this, but our wolf caretaker intern who I know was thoroughly briefed and had the protocols and supplies and everything else, clearly did not put for the amount of effort intended with the scat collection, and quite honestly was lazy. I just found out yesterday he only collected one scat last month. I could have done more than that just opportunistically without even trying and I don't go out there everyday like he does. My staff that oversee him were under the impression he was routinely putting scats into the freezer. We have a new intern starting this week and we have pressed upon her the process and what she needs to be doing in regards to scat collection and one of my staff will be working with her directly at first to make sure it happens. We've also changed her schedule of care activities related to the captive wolves and that will allow for better scat collection, as well as my staff keeping much better tabs on things to make sure it is happening. I apologize for us not starting before now for something that seems pretty straightforward and simple to me, but we'll get it going.

Thanks,

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina
Ecological Services Sub-
Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245

joseph_madison@fws.gov

On Tue, Oct 30, 2018 at 5:17 PM mbragg2 <mbragg2@masonlive.gmu.edu> wrote:

Great, thank you so much for doing this! I greatly appreciate it. Just let me know if you have any issues though.

I also just wanted to ask if there was still a possibility that I could come out in January when you are collaring wolves and collecting microbiome samples? Like I said before I will completely fund myself. I would just love to be there to experience the collaring process and see a red wolf in the wild. If it's not possible though, I completely understand.

Best,
Morgan

From: Madison, Joseph <joseph_madison@fws.gov>
Sent: Tuesday, October 30, 2018 1:07:03 PM
To: mbragg2
Subject: Re: [EXTERNAL] fecal samples for IBD study

I think we should be able to handle that. We have lots of turnover in our interns that will be doing the scat collection, but I will try and keep my staff on top of these surveys, which should be fine. I'll let you know if we run into any issues.

Joe Madison
Red Wolf Recovery
Program
Assistant Field Supervisor
for
Eastern North Carolina
Ecological Services Sub-
Office

U.S. Fish and Wildlife
Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext
245
joseph_madison@fws.gov

On Thu, Oct 25, 2018 at
3:09 PM mbragg2
<mbragg2@masonlive.gmu.edu>
wrote:

Great, thanks for the
information. Would you or
whoever is in charge of
collections/animal care
please fill out a short 6
questions survey
(attached) once a month
for each month you
collect fecals? The survey
would be filled out on the
1st of each month to
assess the previous
months GI health. To
assess October, the
survey would be filled out
on the 1st of November
then just emailed back to
me. I would greatly
appreciate it and it will
also allow me to relate
their fecal hormone levels
to the severity of IBD, if
any. Please let me know if
this is an overload of
work.

Best,
Morgan

From: Madison, Joseph
<joseph_madison@fws.gov>
Sent: Thursday, October
25, 2018 1:59:17 PM
To: mbragg2
Subject: Re: [EXTERNAL]
fecal samples for IBD study

I believe we started
collecting on October
8th. We are good on
supplies..

Joe Madison
Red Wolf Recovery

Program
Assistant Field Supervisor
for
Eastern North Carolina
Ecological Services Sub-
Office
U.S. Fish and Wildlife
Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132
ext 245
joseph_madison@fws.gov

On Mon, Oct 15, 2018 at
2:29 PM mbragg2
<mbragg2@masonlive.gmu.edu>
wrote:

That's completely fine.
Do you remember
when you started
collecting? Just so I can
have it for my records.
I'm very glad to hear
that your homes and
the red wolf facility
made it through both
hurricanes. I was
definitely worried about
you guys. I hope the
wolves on St. Vincent
Island have made it
through the storm okay
as well.

Were you okay on
collection supplies like
ziplock bags? Or did
you need anything?

Morgan

From: Madison, Joseph
<joseph_madison@fws.gov>
Sent: Monday, October
15, 2018 1:31:17 PM
To: mbragg2
Subject: Re:
[EXTERNAL] fecal
samples for IBD study

We have started
collecting scats, but we
didn't start as long ago
as I had planned due to
a variety of reasons,

including evacuating all 7 of our captive red wolves to the NC Zoo for a little over a week for Hurricane Florence when we were under a mandatory evacuation. Ultimately the storm did most of its damage to the south of us, so we were relatively unscathed unlike the folks not that far away to the south that were hit hard by flooding. Ironically, the remnants of Hurricane Michael that came through here last Thursday night was far more damaging here from a wind and flooding standpoint than Hurricane Florence, but again we survived with relatively minor damage to our homes and at the red wolf facilities, but close neighbors had their homes and cars flooded, and of course those directly affected along the Gulf Coast were hammered hard so we got lucky. We are still waiting on reports of the fate of the red wolf pair and their pups that live on St. Vincent Island that is really close to where that hurricane made landfall.

Joe Madison
Red Wolf Recovery
Program
Assistant Field
Supervisor for
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100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132
ext 245

joseph_madison@fws.gov

On Mon, Oct 15, 2018
at 1:03 PM mbragg2
<mbragg2@masonlive.gmu.edu>
wrote:

Hi Joe,

Oh awesome! I
hadn't sent it yet
because I wanted to
get the okay from you
first so that works out
nicely. I'll keep it just
incase it can be of
use later on. Have
collections started for
the 3 times per week
begun? Just
wondering about
status, no worries if
not. I hope the
hurricane did not
cause too much
inconvenience and
damage.

Best,
Morgan

From: Madison,
Joseph
<joseph_madison@fws.gov>
Sent: Monday, October
15, 2018 12:20:01 PM
To: mbragg2
Subject: Re:
[EXTERNAL] fecal
samples for IBD study

Morgan,

No worries on the
delay in shipping the
cooler to us. In fact,
if you haven't had the
chance to do it yet,
don't worry about it.
We got an order of
vaccines in this
morning and they
came in a nice
Styrofoam cooler
perfectly fit inside a
box that will work well
for when we ship the
scats to you. If

you've already sent it to us I'm sure we can put it to use shipping scats back to you.

Thanks,

Joe Madison
Red Wolf Recovery
Program
Assistant Field
Supervisor for
Eastern North
Carolina Ecological
Services Sub-Office
U.S. Fish and Wildlife
Service
100 Conservation
Way
Manteo, NC 27954
Office: (252) 473-
1132 ext 245
joseph_madison@fws.gov

On Thu, Oct 11, 2018
at 3:18 PM mbragg2
<mbragg2@masonlive.gmu.edu>
wrote:

Hi Joe,

I have not forgotten about shipping a cooler. I was waiting because I thought I was going to get a large cooler from one of my other facilities but that did not happen. So i'm just going to ship you the small one and if I get a bigger one later on then i'll send it your way. I'll send it out by the end of this week and let you know when I do. Sorry for the delay.

Best,
Morgan

From: mbragg2
Sent: Friday,

September 7, 2018
4:47:49 PM
To: Madison, Joseph
Subject: Re:
[EXTERNAL] fecal
samples for IBD
study

Sounds great! I'll
let you know when
I've shipped them
out.

Thank you again,
Morgan

From: Madison,
Joseph
<joseph_madison@fws.gov>
Sent: Friday,
September 7, 2018
4:42:54 PM
To: mbragg2
Subject: Re:
[EXTERNAL] fecal
samples for IBD
study

Thanks Morgan.

For the shipping
address it depends
on the method of
shipping. Just to
make it easier I
usually suggest
using the following
address because it
covers everything:

P.O. Box 1969
100 Conservation
Way
Manteo, NC
27954

Thanks,

Joe Madison
Red Wolf Recovery
Program
Assistant Field
Supervisor for
Eastern North
Carolina Ecological
Services Sub-
Office
U.S. Fish and
Wildlife Service

100 Conservation
Way
Manteo, NC 27954
Office: (252) 473-
1132 ext 245
joseph_madison@fws.gov

On Fri, Sep 7,
2018 at 4:38 PM,
mbragg2
<mbragg2@masonlive.gmu.edu>
wrote:

Hi Joe,

Sounds great. I'll
get the cooler
and cool packs
shipped out to
you next week.

Is 100
Conservation
Way Manteo, NC
27954 the best
address to ship
to?

No problem on
the slow start, I
completely understand.
Hope everyone
returns safely!

The microbiome
fecal samples are
the only ones that
need to be
collected within
an hour of
defecation. The
hormone fecal
samples can sit
longer than a hour
before being
collected. If need
be, they can sit
overnight and be
collected in the
morning. Please
let me know if you
have any other
questions or
concerns.

Thanks for you
time and
participation!
Morgan Bragg

From: Madison,

Joseph
<joseph_madison@fws.gov>

Sent: Friday,
September 7,
2018 12:12:23 PM
To: mbragg2
Subject: Re:
[EXTERNAL] fecal
samples for IBD
study

Morgan,

Unless it is
needed for
somebody else,
if you could send
the cooler to us
that would be
great. I don't
think we need
ice packs, but
we'll use them if
you send them.
We've been a
little slower
getting going on
collecting
because the staff
that would do it
have been out
on fire
assignments, but
we will get it
going.

One point of
clarification, on
the microbiome
protocol it says
to collect a fresh
scat within one
hour, but the
hormone
protocol just
says to collect a
fresh scat.
Should that also
be within an hour
or does it need
to be sooner
than that?

Thanks,

Joe Madison
Red Wolf
Recovery

Program
Assistant Field
Supervisor for
Eastern North
Carolina
Ecological
Services Sub-
Office
U.S. Fish and
Wildlife Service
100
Conservation
Way
Manteo, NC
27954
Office: (252)
473-1132 ext
245
joseph_madison@fws.gov

On Tue, Sep 4,
2018 at 10:38
AM, mbragg2
<mbragg2@masonlive.gmu.edu>
wrote:

Hi Joe,

I'm just
touching base
because I
recently
received a
small
styrofoam
cooler with 2
cool packs.
Would you like
me to send the
cooler and
packs to you
or do you have
something to
use already?

Best,
Morgan Bragg

From: mbragg2
Sent: Friday,
August 10,
2018 5:06:32
PM
To: Madison,
Joseph
Subject: Re:
[EXTERNAL]
fecal samples
for IBD study

Hi Joe,

It was great to see you as well. For the 3 times per week collection you can ship the samples as often as you need to if freezer space is limited. You can also wait a while to ship, say 4-6 months worth of samples if you want to. I'm good with whatever is easiest for you.

I would like to get as many fecal samples as possible from the old age and transfer wolves if that is okay. If that is too much work though, then just focus on the wolves that you know will be there for a full year. Please tell me if it will be too much work to collect from the wolves that won't be with you a full year. Like I said at the SSP meeting, I do not want to be overburdening at all. I'm completely

fine with you just collecting from the wolves you know will be with you for the full year.

You do not need to use dry ice to ship if it's going to be an issue. You can use a styrofoam cooler with multiple cold packs on the bottom/on top of the samples. You can also put newspaper on top of the samples in the cooler to help the samples stay cool. If you ship using cold packs just make sure you do overnight shipping with FedEx (SCBI will pay for shipping). I can also send you back the cold packs once I receive the samples if you only have a limited number of them. Let me know if you think this option will work for you or not.

Thank you so much for your time and participation,

Morgan Bragg

From: Madison, Joseph
<joseph_madison@fws.gov>
Sent: Friday, August 10, 2018 12:46:30 PM
To: mbragg2
Subject: Re: [EXTERNAL]
fecal samples for IBD study

Morgan,

It was good to talk to you again this week at SCBI. I was reading over the protocols for the different fecal samples and was wondering for the hormone samples that are collected 3 times a week and then stored in a freezer, how often would you like those samples to be shipped to you? Also, we have a few red wolves that are not (transfer) or are not likely (old age) to be here for a year from when we start collecting samples. Would you like limited fecal samples from those individuals or just focus on samples from the wolves we know we will

here for a full
year?

The only
logistical issue
I see at the
moment is
finding a
source of dry
ice and how to
actually
purchase it.

Thanks,

Joe Madison
Red Wolf
Recovery
Program
Assistant Field
Supervisor for
Eastern North
Carolina
Ecological
Services Sub-
Office
U.S. Fish and
Wildlife
Service
100
Conservation
Way
Manteo, NC
27954
Office: (252)
473-1132 ext
245
joseph_madison@fws.gov

On Mon, Jul
30, 2018 at
2:26 PM,
mbragg2
<mbragg2@masonlive.gmu.edu>
wrote:

Hi Joe,

It was great
to meet you
last week at
the red wolf
SSP
meeting! I
just wanted
to send a
follow up
email about

your interest
in
participating
my
IBD study. I
have
attached the
hormone
analysis (3
times/week)
fecal collection
protocol for
you to
review one
more time to
ensure it will
work for
your
facility. I
would still
love to be
able to get
the
microbiome
(one time)
fecal
samples
from your
wild capture
wolves if
that is still a
possibility.
They just
have to be
collected
and put in
the freezer
within one
hour of
defecation. I
can provide
fecal ID
beads and
ziplock bags
if you need
them for
collections.
Shipping will
be covered
by SCBI as
well. Please
let me know
if you have
any
questions
or concerns.
Thank you

so much!

Best,
Morgan
Bragg

<CIBDAI Scoring Index.docx>

mbragg2 <mbragg2@masonlive.gmu.edu>

From: mbragg2 <mbragg2@masonlive.gmu.edu>
Sent: Thu May 16 2019 09:39:37 GMT-0600 (MDT)
To: "Madison, Joseph" <joseph_madison@fws.gov>
Subject: Re: [EXTERNAL] fecal samples for IBD study

Hi Joe,

Hope you have been well. Just checking in to see how April collections went and to collect the monthly GI forms.

Also, I have not forgotten about sending the shipment cooler back to you. I will be sending it back next week. I hope this hasn't caused an issue, if so please let me know and I will do it ASAP.

Thank you!
Morgan

From: mbragg2
Sent: Thursday, April 25, 2019 3:16:43 PM
To: Madison, Joseph
Subject: Re: [EXTERNAL] fecal samples for IBD study

Joe,

Yes, I got the forms from Shaun.

Okay that sounds great! That is fine about Betty, i'll take what I can get from her. I'll be in contact again soon for the April forms. I appreciate continued collections without an intern present.

Thank you and the team for your time and participation!
Morgan

From: Madison, Joseph <joseph_madison@fws.gov>
Sent: Thursday, April 25, 2019 2:29 PM
To: mbragg2
Subject: Re: [EXTERNAL] fecal samples for IBD study

Morgan,

Do you receive the forms?

I've been away from the office the last couple of weeks, but it is my understanding that the month of April scat collection is going well, mostly because we do not currently have an intern so we are doing it ourselves. So we are actually using the smaller ziplocks you supplied and taking the proper number of samples and the recommended amount per sample. They have noted that the oldest female doesn't leave scats as regularly so you'll note a few less samples for her.

Thanks,

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

On Thu, Apr 25, 2019 at 1:33 PM mbragg2 <mbragg2@masonlive.gmu.edu> wrote:

Hi Joe,

It is no problem! I just want to ensure that I will be there to receive and quickly store the shipment. For future reference, the fed ex account number is 179170469. Please put "red wolf" in the reference section of the label.

No problem, just email me the forms whenever possible. Thank you!

Have April collections been going well?

Best,
Morgan

From: Madison, Joseph <joseph_madison@fws.gov>
Sent: Thursday, April 25, 2019 1:19 PM
To: mbragg2
Subject: Re: [EXTERNAL] fecal samples for IBD study

Morgan,

I think we have had more missteps in this very simple scat collection than everything else we do combined. SMH. I apologize for the confusion. When we were shipping them we contacted SCBI to request the Fed Ex code and I erroneously thought that would suffice as the notification, but I just asked and it turns out the email requesting that code came back as undeliverable a few days after he had already shipped the samples just to get them to you sooner. Next time I will notify you myself to make sure it happens. He said he just completely forgot to include the completed forms in the shipment so we'll get those scanned and emailed to you pronto.

Thanks,

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service

100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

On Thu, Apr 18, 2019 at 8:27 AM mbragg2 <mbragg2@masonlive.gmu.edu> wrote:
Hi Joe,

Touching base to see if you have the completed monthly GI forms for the 4 girls. Also, thank you for sending me samples. However, next time, could someone let me know that samples are being shipped just so I can ensure I am at SCBI to pick them up and put them in the freezer. I'll be returning your shipping cooler soon as well.

Thank you!
Morgan

From: mbragg2
Sent: Wednesday, April 3, 2019 4:06 PM
To: Madison, Joseph
Subject: Re: [EXTERNAL] fecal samples for IBD study

Hi Joe,

Awesome! I'm glad to hear sample collection went well this month. That sounds good, just whenever there is a chance the forms can be sent to me. I'll check back in a few weeks to see how things are going.

Best,
Morgan

Sent from my iPhone

On Apr 3, 2019, at 3:46 PM, Madison, Joseph <joseph_madison@fws.gov> wrote:

Morgan,

Sounds like we have a good amount of scat collected for you from March, and hopefully not too much, and I'm told it is organized and that the forms for March have been completed, so I'll make sure they get sent off to you in a reasonable amount of time.

I am definitely extremely glad of the NAS findings of course, now we just have to make sure we do something with it.

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
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Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

On Mon, Apr 1, 2019 at 3:41 PM mbragg2 <mbragg2@masonlive.gmu.edu> wrote:

Hi Joe,

Wanted to check in and see how fecal collections went this month and if you have the GI average forms for March?

Also, i'm sure you are just as happy as I am to hear that NAS declared the red wolf a distinct species! Woo!

Best,
Morgan

From: mbragg2

Sent: Saturday, March 9, 2019 12:07 PM

To: Madison, Joseph

Subject: Re: [EXTERNAL] fecal samples for IBD study

Hi Joe,

Thank you for the update. I'm sorry this has caused so many issues for you. I sincerely appreciate your diligence with samples collection for my project. That is fine to just put the February ones with the March ones.

Yes you are correct. You only need to collect hormone samples.

I'll reach out again soon to see how things are going. Thank you so much again. Hopefully there are no more issues.

Have a good weekend,
Morgan

Sent from my iPhone

On Mar 8, 2019, at 3:58 PM, Madison, Joseph <joseph_madison@fws.gov> wrote:

And to clarify since we are outside the dates of the microbiome protocol we should only be collecting for the hormone analysis.

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

On Fri, Mar 8, 2019 at 4:53 PM Madison, Joseph <joseph_madison@fws.gov> wrote:

Morgan,

Thanks for reaching out. Although we do have a few for February it was not as much as it should have been and what I was expecting so if it's okay I'd rather just send those few along with March's. Not sure the forms for February would be overly accurate if I'm being honest. However, when I once again saw how few there were for February, let's just say I had a very direct conversation with the intern that should have been doing the collection and their crew leader and expressed that this was for important research. So, needless to say the amount collected for March has gone up astronomically. Too much actually to be in line with the 3 samples/week/red wolf discussed on your protocol so clearly there needs to be even more discussion. This really isn't complicated in the slightest so I'm at a loss as to why this has been like this.

Thanks,

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
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Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

On Mon, Mar 4, 2019 at 11:06 AM mbragg2
<mbragg2@masonlive.gmu.edu> wrote:

Hi Joe,

Hope you have been well since we last spoke. I was just checking in to see if collections were started again for the month of February. I know there has been a lot going on so I completely understand if collections got put on the back burner. Just let me know!

Thank you,
Morgan

From: mbragg2
Sent: Tuesday, January 15, 2019 3:14:57 PM
To: Joseph Madison
Subject: Re: [EXTERNAL] fecal samples for IBD study

Hi Joe,
As soon as I sent that email I remembered the government shutdown, i'm sorry. That is fine I completely understand. Hopefully the government will reopen soon. I'll check back in later on. I hope your holidays were great as well!

Best,
Morgan

On Jan 15, 2019, at 12:29 PM, Joseph Madison
<joseph_madison@fws.gov> wrote:

Unfortunately Morgan we have all been furloughed since the start of the government shutdown so we are only allowed to go in to work unpaid for the bare minimum amount of time it takes to feed the captive wolves every few days, so the scat collection and reports have not been occurring I'm afraid.

We also had to scrap our plan to move the wolf you were there for the capture of to a different area to try and form a new breeding pair. Very frustrating.

Anyway, I hope you had a good holiday season and your year has started off well.

Joe Madison
Assistant Field Supervisor
Red Wolf Recovery Program
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: [\(252\) 473-1132 ext 245](tel:(252)473-1132)
joseph_madison@fws.gov

On Jan 15, 2019, at 11:02 AM, mbragg2
<mbragg2@masonlive.gmu.edu> wrote:

Hi Joe,

Hope you have been well since we last spoke. I'm just checking in to see how fecal collections are going and to collect the monthly GI evaluation form for December for each female (attached). Please let me know if you have any questions or need anything. I hope the guys were able to catch that breeding female they were after.

Best,
Morgan

From: mbragg2
Sent: Thursday, December 13, 2018
12:21:26 PM
To: Madison, Joseph
Subject: Re: [EXTERNAL] fecal samples
for IBD study

Yes it was so awesome that we caught one wolf! I actually got two fecal

samples which was even better! I know i'm sorry there was the surprise holiday and we didn't get to see each other again after Monday but I understand.

It is okay. I can order them through SCBI. I'll put in the order form today and they should be shipped out soon. I'll make sure it is addressed to the Red Wolf Recovery Program. Hopefully we will get another chance to meet up soon through something related to the wolves.

Thank you so much again!
Morgan

From: Madison, Joseph
<joseph_madison@fws.gov>
Sent: Thursday, December 13, 2018
12:09:28 PM
To: mbragg2
Subject: Re: [EXTERNAL] fecal samples
for IBD study

Morgan,

I was really glad it worked out for you to come down and ecstatic we caught a wild red wolf while you were here and that you got fresh scat samples. I was disappointed in the way the week played out that I didn't get to be out in the field more with you or talk with you again.

We can purchase more ziplocks locally if that is preferred, but yes that is the correct mailing address, just make sure to address it to the Red Wolf Recovery Program

Thanks,

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina Ecological
Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

On Thu, Dec 13, 2018 at 11:58 AM

mbragg2
<mbragg2@masonlive.gmu.edu>

wrote:

Hi Joe,

First I just want to thank you so much again for letting me come out and organizing it. It was an amazing experience. Please tell Ryan and Michael I say thank you again for letting me ride along and ask a ton of questions. I had so much fun.

While I was around I heard Elizabeth say Sandy Ridge was out of ziplock bags so I was going to order some for the new volunteer/intern. Is this the best address to send the bags to?

P.O. Box 1969
100 Conservation Way
Manteo, NC 27954

Best,
Morgan

From: Madison, Joseph
<joseph_madison@fws.gov>
Sent: Friday, November 16, 2018
11:20:00 AM
To: mbragg2
Subject: Re: [EXTERNAL] fecal samples for IBD study

Morgan,

The person that coordinates the bunkhouse would like you to contact her directly as it gets closer to work out the specifics. Her name is Tracey Rock and her email is tracey_rock@fws.gov and her phone number is (252) 473-1131 ext. 227.

If it works with your schedule, I was thinking you would check in some time on Sunday, December 2 and be prepared to go out with the guys trapping on the morning of Monday, December 3 and go out with them every morning that week. Then we'll play it by ear on Saturday, December 8 and see if anybody is going out that day or you can either leave that day or stick around and explore the area or whatever and check out on Sunday, December 9. That's all up

to you, of course.

The majority of the time you'll like be with Ryan Nordsven, who kind of heads up the trapping, but you'll likely go out with Michael Morse and/or Shaun Olson on a day just to get a different perspective and see different areas. You probably met Michael at the SCBI meeting this past summer. Of course there is no guarantee you'll see any wild red wolves or that we will catch anything during your week here, but hopefully we will. At the very least you'll be able to see our captive red wolves at Sandy Ridge and at the REHC in Columbia.

Let me know if you have questions.

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina Ecological
Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

On Thu, Nov 15, 2018 at 10:06 AM
mbragg2
<mbragg2@masonlive.gmu.edu>
wrote:

Okay that all sounds great. Thank you for offering and looking into the bunkhouse for me. I have absolutely no issue sharing a living space with someone. We will just keep in contact as it gets closer to the date about the weather. Thank you so much again. I can't wait to come out.

Best,
Morgan

From: Madison, Joseph
<joseph_madison@fws.gov>
Sent: Thursday, November 15, 2018
9:53:24 AM
To: mbragg2
Subject: Re: [EXTERNAL] fecal
samples for IBD study

Morgan,

I was thinking you would be here from December 3 through December 9, although the guys may or may not be working on the weekends. The bunkhouse is available. It's pretty much your basic bunkhouse, but there would only be one other person staying there during that time, which is our red wolf intern caretaker unless she gets a job before then. However, it sounds like you would be in different part of the bunkhouse so basically a room and bathroom to yourself with a shared kitchen. If the weather happens to be bad that week then it sounds like we could extend your time here or bump it to the next week entirely as far as the bunkhouse is concerned.

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina Ecological
Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

On Wed, Nov 7, 2018 at 4:35 PM
mbragg2
<mbragg2@masonlive.gmu.edu>
wrote:

Hi Joe,

The week of December 3 sounds great to me. I know it is tentative but do you know how many days I can expect to spend on the refuge? Just incase the bunkhouse is unavailable. Thanks so much for checking on the bunkhouse availability. Yes, I will be driving down so there is some flexibility with timing. Thank you again for letting me come. I am really looking forward to this.

Best,
Morgan

From: Madison, Joseph
<joseph_madison@fws.gov>
Sent: Wednesday, November 7,
2018 3:27:03 PM
To: mbragg2
Subject: Re: [EXTERNAL] fecal
samples for IBD study

Morgan,

We are likely going to start doing some trapping here in the next couple of weeks, but we are expecting to be trapping into December as well. Of course it is all dependent on weather conditions when it comes time to do it so that can throw a wrench into any well made plans. Having said that, why don't we tentatively set it up for the week of December 3 and then play it by ear as we get closer to the actual date. I am assuming you would be driving down, which would make it a little easier to be flexible with the timing as opposed to flying. Also, there is a bunkhouse run by the Refuge (although it's in a neighborhood in Nags Head and not on the refuge) and I will check with them to see if you can stay there. In the spring and summer it's usually full, but in December there is a good chance there is space available.

Let me know what you think.

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina
Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

On Thu, Nov 1, 2018 at 2:23 PM

mbragg2
<mbragg2@masonlive.gmu.edu>

wrote:

Hi Joe,

I'm very happy to hear that I can come out! Coming down earlier will actually work better for me as well. I'll be around both November and December. December may be better for me depending on the dates in November since I still have class in November. Just let me know what days you are thinking and I'll make myself as flexible as possible. Thank you so much for letting me come!

It's okay about the fecal collections, I completely understand. Especially when you have people rotating a lot. It's no problem. I thoroughly appreciate you going out of your way to ensure fecals are collected going forward.

Best,
Morgan

From: Madison, Joseph
<joseph_madison@fws.gov>
Sent: Thursday, November 1, 2018 2:08:27 PM
To: mbragg2
Subject: Re: [EXTERNAL] fecal samples for IBD study

Morgan,

We are still planning on having you come down and going out with us when we are trapping, likely with Ryan. However, although we will be doing some trapping in January, it is looking like we will be doing some trapping on the Refuge in November and/or December and that might be a better time to have you with us. Are you available those during that time frame, other than the holidays of course.

Also, I'm embarrassed and pretty annoyed to relay this, but our wolf caretaker intern who I know was thoroughly briefed and had the protocols and supplies and everything else, clearly did not put for the amount of effort intended with the scat collection, and quite honestly was lazy. I just found out yesterday he only collected one scat last month. I could have done more than that just opportunistically without even trying and I don't go out there everyday like he does. My staff that oversee him were under the impression he was routinely putting scats into the freezer. We have a new intern starting this week and we have pressed upon her the process and what she needs to be doing in regards to scat collection and one of my staff will be working with her directly at first to make sure it happens. We've also changed her schedule of care activities related to the captive wolves and that will allow for better scat collection, as well as my staff keeping much better tabs on things to make sure it is happening. I apologize for us not starting before now for something that seems pretty straightforward and simple to me, but we'll get it going.

Thanks,

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina
Ecological Services Sub-
Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

On Tue, Oct 30, 2018 at 5:17 PM mbragg2 <mbragg2@masonlive.gmu.edu> wrote:

Great, thank you so much for doing this! I greatly appreciate it. Just let me know if you have any issues though.

I also just wanted to ask if there was still a possibility that I could come out in January when you are collaring wolves and collecting microbiome samples? Like I said before I will completely fund myself. I would just love to be there to experience the collaring process and see a red wolf in the wild. If it's not possible though, I completely understand.

Best,
Morgan

From: Madison, Joseph <joseph_madison@fws.gov>
Sent: Tuesday, October 30, 2018 1:07:03 PM
To: mbragg2
Subject: Re: [EXTERNAL] fecal samples for IBD study

I think we should be able to handle that. We have lots of turnover in our interns that will be doing the scat collection, but I will try and keep my staff on top of these surveys, which should be fine. I'll let you know if we run into any issues.

Joe Madison
Red Wolf Recovery
Program
Assistant Field Supervisor
for
Eastern North Carolina
Ecological Services Sub-
Office
U.S. Fish and Wildlife
Service

100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext
245
joseph_madison@fws.gov

On Thu, Oct 25, 2018 at
3:09 PM mbragg2
<mbragg2@masonlive.gmu.edu>
wrote:

Great, thanks for the information. Would you or whoever is in charge of collections/animal care please fill out a short 6 questions survey (attached) once a month for each month you collect fecals? The survey would be filled out on the 1st of each month to assess the previous months GI health. To assess October, the survey would be filled out on the 1st of November then just emailed back to me. I would greatly appreciate it and it will also allow me to relate their fecal hormone levels to the severity of IBD, if any. Please let me know if this is an overload of work.

Best,
Morgan

From: Madison, Joseph
<joseph_madison@fws.gov>
Sent: Thursday, October
25, 2018 1:59:17 PM
To: mbragg2
Subject: Re: [EXTERNAL]
fecal samples for IBD study

I believe we started collecting on October 8th. We are good on supplies..

Joe Madison
Red Wolf Recovery
Program
Assistant Field Supervisor

for
Eastern North Carolina
Ecological Services Sub-
Office
U.S. Fish and Wildlife
Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132
ext 245
joseph_madison@fws.gov

On Mon, Oct 15, 2018 at
2:29 PM mbragg2
<mbragg2@masonlive.gmu.edu>
wrote:

That's completely fine.
Do you remember
when you started
collecting? Just so I can
have it for my records.
I'm very glad to hear
that your homes and
the red wolf facility
made it through both
hurricanes. I was
definitely worried about
you guys. I hope the
wolves on St. Vincent
Island have made it
through the storm okay
as well.

Were you okay on
collection supplies like
ziplock bags? Or did
you need anything?

Morgan

From: Madison, Joseph
<joseph_madison@fws.gov>
Sent: Monday, October
15, 2018 1:31:17 PM
To: mbragg2
Subject: Re:
[EXTERNAL] fecal
samples for IBD study

We have started
collecting scats, but we
didn't start as long ago
as I had planned due to
a variety of reasons,
including evacuating all
7 of our captive red

wolves to the NC Zoo for a little over a week for Hurricane Florence when we were under a mandatory evacuation. Ultimately the storm did most of its damage to the south of us, so we were relatively unscathed unlike the folks not that far away to the south that were hit hard by flooding. Ironically, the remnants of Hurricane Michael that came through here last Thursday night was far more damaging here from a wind and flooding standpoint than Hurricane Florence, but again we survived with relatively minor damage to our homes and at the red wolf facilities, but close neighbors had their homes and cars flooded, and of course those directly affected along the Gulf Coast were hammered hard so we got lucky. We are still waiting on reports of the fate of the red wolf pair and their pups that live on St. Vincent Island that is really close to where that hurricane made landfall.

Joe Madison
Red Wolf Recovery
Program
Assistant Field
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Office: (252) 473-1132
ext 245
joseph_madison@fws.gov

On Mon, Oct 15, 2018
at 1:03 PM mbragg2
<mbragg2@masonlive.gmu.edu>
wrote:

Hi Joe,

Oh awesome! I
hadn't sent it yet
because I wanted to
get the okay from you
first so that works out
nicely. I'll keep it just
incase it can be of
use later on. Have
collections started for
the 3 times per week
begun? Just
wondering about
status, no worries if
not. I hope the
hurricane did not
cause too much
inconvenience and
damage.

Best,
Morgan

From: Madison,
Joseph
<joseph_madison@fws.gov>
Sent: Monday, October
15, 2018 12:20:01 PM
To: mbragg2
Subject: Re:
[EXTERNAL] fecal
samples for IBD study

Morgan,

No worries on the
delay in shipping the
cooler to us. In fact,
if you haven't had the
chance to do it yet,
don't worry about it.
We got an order of
vaccines in this
morning and they
came in a nice
Styrofoam cooler
perfectly fit inside a
box that will work well
for when we ship the
scats to you. If
you've already sent it
to us I'm sure we can

put it to use shipping
scats back to you.

Thanks,

Joe Madison
Red Wolf Recovery
Program
Assistant Field
Supervisor for
Eastern North
Carolina Ecological
Services Sub-Office
U.S. Fish and Wildlife
Service
100 Conservation
Way
Manteo, NC 27954
Office: (252) 473-
1132 ext 245
joseph_madison@fws.gov

On Thu, Oct 11, 2018
at 3:18 PM mbragg2
<mbragg2@masonlive.gmu.edu>
wrote:

Hi Joe,

I have not forgotten
about shipping a
cooler. I was
waiting because I
thought I was
going to get a large
cooler from one of
my other facilities
but that did not
happen. So i'm just
going to ship you
the small one and
if I get a bigger one
later on then i'll
send it your way.
I'll send it out by
the end of this
week and let you
know when I do.
Sorry for the delay.

Best,
Morgan

From: mbragg2
Sent: Friday,
September 7, 2018
4:47:49 PM

To: Madison, Joseph
Subject: Re:
[EXTERNAL] fecal
samples for IBD
study

Sounds great! I'll
let you know when
I've shipped them
out.

Thank you again,
Morgan

From: Madison,
Joseph
<joseph_madison@fws.gov>
Sent: Friday,
September 7, 2018
4:42:54 PM
To: mbragg2
Subject: Re:
[EXTERNAL] fecal
samples for IBD
study

Thanks Morgan.

For the shipping
address it depends
on the method of
shipping. Just to
make it easier I
usually suggest
using the following
address because it
covers everything:

P.O. Box 1969
100 Conservation
Way
Manteo, NC
27954

Thanks,

Joe Madison
Red Wolf Recovery
Program
Assistant Field
Supervisor for
Eastern North
Carolina Ecological
Services Sub-
Office
U.S. Fish and
Wildlife Service
100 Conservation

Way
Manteo, NC 27954
Office: (252) 473-
1132 ext 245
joseph_madison@fws.gov

On Fri, Sep 7,
2018 at 4:38 PM,
mbragg2
<mbragg2@masonlive.gmu.edu>
wrote:

Hi Joe,

Sounds great. I'll
get the cooler
and cool packs
shipped out to
you next week.

Is 100

Conservation
Way Manteo, NC
27954 the best
address to ship
to?

No problem on
the slow start, I
completely understand.
Hope everyone
returns safely!

The microbiome
fecal samples are
the only ones that
need to be
collected within
an hour of
defecation. The
hormone fecal
samples can sit
longer than a hour
before being
collected. If need
be, they can sit
overnight and be
collected in the
morning. Please
let me know if you
have any other
questions or
concerns.

Thanks for you
time and
participation!
Morgan Bragg

From: Madison,
Joseph

<joseph_madison@fws.gov>

Sent: Friday,
September 7,
2018 12:12:23 PM
To: mbragg2
Subject: Re:
[EXTERNAL] fecal
samples for IBD
study

Morgan,

Unless it is
needed for
somebody else,
if you could send
the cooler to us
that would be
great. I don't
think we need
ice packs, but
we'll use them if
you send them.
We've been a
little slower
getting going on
collecting
because the staff
that would do it
have been out
on fire
assignments, but
we will get it
going.

One point of
clarification, on
the microbiome
protocol it says
to collect a fresh
scat within one
hour, but the
hormone
protocol just
says to collect a
fresh scat.
Should that also
be within an hour
or does it need
to be sooner
than that?

Thanks,

Joe Madison
Red Wolf
Recovery
Program

Assistant Field
Supervisor for
Eastern North
Carolina
Ecological
Services Sub-
Office
U.S. Fish and
Wildlife Service
100
Conservation
Way
Manteo, NC
27954
Office: (252)
473-1132 ext
245
joseph_madison@fws.gov

On Tue, Sep 4,
2018 at 10:38
AM, mbragg2
<mbragg2@masonlive.gmu.edu>
wrote:

Hi Joe,

I'm just
touching base
because I
recently
received a
small
styrofoam
cooler with 2
cool packs.
Would you like
me to send the
cooler and
packs to you
or do you have
something to
use already?

Best,
Morgan Bragg

From: mbragg2
Sent: Friday,
August 10,
2018 5:06:32
PM
To: Madison,
Joseph
Subject: Re:
[EXTERNAL]
fecal samples
for IBD study

Hi Joe,

It was great to see you as well. For the 3 times per week collection you can ship the samples as often as you need to if freezer space is limited. You can also wait a while to ship, say 4-6 months worth of samples if you want to. I'm good with whatever is easiest for you.

I would like to get as many fecal samples as possible from the old age and transfer wolves if that is okay. If that is too much work though, then just focus on the wolves that you know will be there for a full year. Please tell me if it will be too much work to collect from the wolves that won't be with you a full year. Like I said at the SSP meeting, I do not want to be overburdening at all. I'm completely fine with you

just collecting from the wolves you know will be with you for the full year.

You do not need to use dry ice to ship if it's going to be an issue. You can use a styrofoam cooler with multiple cold packs on the bottom/on top of the samples. You can also put newspaper on top of the samples in the cooler to help the samples stay cool. If you ship using cold packs just make sure you do overnight shipping with FedEx (SCBI will pay for shipping). I can also send you back the cold packs once I receive the samples if you only have a limited number of them. Let me know if you think this option will work for you or not.

Thank you so much for your time and participation,

Morgan Bragg

From: Madison, Joseph
<joseph_madison@fws.gov>
Sent: Friday, August 10, 2018 12:46:30 PM
To: mbragg2
Subject: Re: [EXTERNAL]
fecal samples for IBD study

Morgan,

It was good to talk to you again this week at SCBI. I was reading over the protocols for the different fecal samples and was wondering for the hormone samples that are collected 3 times a week and then stored in a freezer, how often would you like those samples to be shipped to you? Also, we have a few red wolves that are not (transfer) or are not likely (old age) to be here for a year from when we start collecting samples. Would you like limited fecal samples from those individuals or just focus on samples from the wolves we know we will have for a full

year?

The only logistical issue I see at the moment is finding a source of dry ice and how to actually purchase it.

Thanks,

Joe Madison
Red Wolf
Recovery
Program
Assistant Field
Supervisor for
Eastern North
Carolina
Ecological
Services Sub-
Office
U.S. Fish and
Wildlife
Service
100
Conservation
Way
Manteo, NC
27954
Office: (252)
473-1132 ext
245
joseph_madison@fws.gov

On Mon, Jul
30, 2018 at
2:26 PM,
mbragg2
<mbragg2@masonlive.gmu.edu>
wrote:

Hi Joe,

It was great to meet you last week at the red wolf SSP meeting! I just wanted to send a follow up email about your interest

in participating my IBD study. I have attached the hormone analysis (3 times/week) fecal collection protocol for you to review one more time to ensure it will work for your facility. I would still love to be able to get the microbiome (one time) fecal samples from your wild capture wolves if that is still a possibility. They just have to be collected and put in the freezer within one hour of defecation. I can provide fecal ID beads and ziplock bags if you need them for collections. Shipping will be covered by SCBI as well. Please let me know if you have any questions or concerns. Thank you so much!

Best,
Morgan
Bragg

<CIBDAI Scoring Index.docx>

"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Fri May 17 2019 14:53:22 GMT-0600 (MDT)
To: mbragg2 <mbragg2@masonlive.gmu.edu>
Subject: Re: [EXTERNAL] fecal samples for IBD study

Morgan,

Thanks for the head's up. I'm sure what you sent will be fine, but I will let you know if we need additional containers. I know we did send some freeze packs, but I have no idea how many and I'm not concerned about it either. We had a new intern start this week and I have personally trained her on the scat protocol, which as you know is quite simply, so you should get the correct size, frequency and type of samples over the next three months while she is here.

Thanks,

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

On Thu, May 16, 2019 at 11:41 AM mbragg2 <mbragg2@masonlive.gmu.edu> wrote:

Hi Joe,

Just wanted to let you know that I sent back the shipment cooler today via fed ex ground.

However, someone must of discarded the shipment cooler you sent to SCBI. So I sent you a large one that I have been holding onto. I put 1 large, 1 medium and 2 small freeze packs in it as well because I wasn't sure if you sent any. Please let me know if you need more shipment coolers because this one isn't big enough. I have an additional large one and two smaller ones that I could send your way. The tracking number is 775231661824. It says it will be there by the end of the day Monday, 5/20.

Have a great weekend!
Morgan

mbragg2 <mbragg2@masonlive.gmu.edu>

From: mbragg2 <mbragg2@masonlive.gmu.edu>
Sent: Fri May 17 2019 18:20:17 GMT-0600 (MDT)
To: "Madison, Joseph" <joseph_madison@fws.gov>
Subject: Re: [EXTERNAL] fecal samples for IBD study

Label: "Mar 2019 FOIA/WRC Study"

Created by: joseph_madison@fws.gov

Total Messages in label: 102 (19 conversations)

Created: 05-31-2019 at 12:32 PM

Conversation Contents

Fwd: Letter from Andrea

Attachments:

/1. Fwd: Letter from Andrea/1.1 DOC013.pdf

Joseph Madison <joseph_madison@fws.gov>

From: Joseph Madison <joseph_madison@fws.gov>
Sent: Mon Apr 29 2019 14:42:54 GMT-0600 (MDT)
To: shaun_olson@fws.gov, Michael_L_Morse@fws.gov, ryan_nordsven@fws.gov
Subject: Fwd: Letter from Andrea
Attachments: DOC013.pdf

FYI

Joe Madison
Assistant Field Supervisor
Red Wolf Recovery Program
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
[100 Conservation Way](#)
Manteo, NC 27954
Office: [\(252\) 473-1132 ext 245](tel:(252)473-1132)
joseph_madison@fws.gov

Begin forwarded message:

From: "Benjamin, Pete" <pete_benjamin@fws.gov>
Date: April 29, 2019 at 4:34:38 PM EDT
To: "Madison, Joseph" <joseph_madison@fws.gov>
Subject: **Re: Letter from Andrea**

Here it is. It took me awhile to find it among all the junk on my desk.

Pete Benjamin
Field Supervisor
Raleigh ES Field Office
U.S. Fish and Wildlife Service
551F Pylon Drive
Raleigh, NC 27606
Office: (919) 856-4520 x 11
Mobile: (919) 816-6408

NOTE: This email correspondence and any attachments to and from this sender are subject to the Freedom of Information Act (FOIA) and may be disclosed to third parties.

On Fri, Mar 22, 2019 at 12:12 PM Madison, Joseph <joseph_madison@fws.gov> wrote:

Pete,

I recognize you're out of the office for several days, but while I was remembering it and so it didn't get forgotten, I wanted to remind you to scan and email me the letter you received from Andrea that showed the genetic results from some of the canid samples they had sent to the University of Idaho.

I your travels go well and that your brother is doing as well as possible too.

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

"Nordsven, Ryan" <ryan_nordsven@fws.gov>

From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Sent: Mon Apr 29 2019 16:39:08 GMT-0600 (MDT)
To: Joseph Madison <joseph_madison@fws.gov>
CC: Shaun Olson <shaun_olson@fws.gov>, "Morse, Michael" <Michael_L_Morse@fws.gov>
Subject: Re: Letter from Andrea

So if I'm reading all of this correctly, combined with David Denton's Oct. 18 trapping report, he caught and euthanized three animals, one of which was 75% red wolf and another of which was 87% red wolf, which is our current threshold for a pure wolf? We were concerned about this whole Mattamuskeet Ventures depredation permit trapping operation from the start, and this is exactly why.

On Mon, Apr 29, 2019 at 4:42 PM Joseph Madison <joseph_madison@fws.gov> wrote:
FYI

Joe Madison
Assistant Field Supervisor
Red Wolf Recovery Program
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: [252\) 473-1132 ext 245](tel:2524731132)
joseph_madison@fws.gov

Begin forwarded message:

From: "Benjamin, Pete" <pete_benjamin@fws.gov>
Date: April 29, 2019 at 4:34:38 PM EDT
To: "Madison, Joseph" <joseph_madison@fws.gov>
Subject: Re: Letter from Andrea

Here it is. It took me awhile to find it among all the junk on my desk.

Pete Benjamin
Field Supervisor
Raleigh ES Field Office
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I your travels go well and that your brother is doing as well as possible too.

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

--

Ryan Nordsven
Wildlife Biologist
US Fish & Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 x 244
Cell: (252) 475-8353

"Nordsven, Ryan" <ryan_nordsven@fws.gov>

From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>

Sent: Fri May 31 2019 08:28:44 GMT-0600 (MDT)
To: Joseph Madison <joseph_madison@fws.gov>
Subject: Re: Letter from Andrea

Joe,

I was thinking about this yesterday and thought this might be a topic worth discussing at your upcoming meeting with the state? Perhaps not during the first meeting, but at some point the fact that a depredation permit that they issued to Ventures (where there has been no depredation) apparently led to the death of at least one red wolf (and maybe one more based on pedigree) might be worth bringing up. Just a thought.

On Mon, Apr 29, 2019 at 6:39 PM Nordsven, Ryan <ryan_nordsven@fws.gov> wrote:

So if I'm reading all of this correctly, combined with David Denton's Oct. 18 trapping report, he caught and euthanized three animals, one of which was 75% red wolf and another of which was 87% red wolf, which is our current threshold for a pure wolf? We were concerned about this whole Mattamuskeet Ventures depredation permit trapping operation from the start, and this is exactly why.

On Mon, Apr 29, 2019 at 4:42 PM Joseph Madison <joseph_madison@fws.gov> wrote:
FYI

Joe Madison
Assistant Field Supervisor
Red Wolf Recovery Program
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: [\(252\) 473-1132 ext 245](tel:(252)473-1132)
joseph_madison@fws.gov

Begin forwarded message:

From: "Benjamin, Pete" <pete_benjamin@fws.gov>
Date: April 29, 2019 at 4:34:38 PM EDT
To: "Madison, Joseph" <joseph_madison@fws.gov>
Subject: Re: Letter from Andrea

Here it is. It took me awhile to find it among all the junk on my desk.

Pete Benjamin
Field Supervisor
Raleigh ES Field Office
U.S. Fish and Wildlife Service
551F Pylon Drive
Raleigh, NC 27606
Office: (919) 856-4520 x 11
Mobile: (919) 816-6408

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On Fri, Mar 22, 2019 at 12:12 PM Madison, Joseph
<joseph_madison@fws.gov> wrote:

Pete,

I recognize you're out of the office for several days, but while I was remembering it and so it didn't get forgotten, I wanted to remind you to scan and email me the letter you received from Andrea that showed the genetic results from some of the canid samples they had sent to the University of Idaho.

I your travels go well and that your brother is doing as well as possible too.

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
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joseph_madison@fws.gov

--

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US Fish & Wildlife Service
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Cell: (252) 475-8353

--

Ryan Nordsven
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US Fish & Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 x 244
Cell: (252) 475-8353

"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Fri May 31 2019 09:01:39 GMT-0600 (MDT)
To: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Subject: Re: Letter from Andrea

I agree. In talking with Pete about the meeting yesterday and hoping to get the sterilization discussion on the agenda, he said he didn't think we would go there at this first meeting and wanting to keep it a more general discussion, but this is absolutely exactly the kind of thing we

need to be having open and frank discussions about.

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

On Fri, May 31, 2019 at 10:29 AM Nordsven, Ryan <ryan_nordsven@fws.gov> wrote:
Joe,

I was thinking about this yesterday and thought this might be a topic worth discussing at your upcoming meeting with the state? Perhaps not during the first meeting, but at some point the fact that a depredation permit that they issued to Ventures (where there has been no depredation) apparently led to the death of at least one red wolf (and maybe one more based on pedigree) might be worth bringing up. Just a thought.

On Mon, Apr 29, 2019 at 6:39 PM Nordsven, Ryan <ryan_nordsven@fws.gov> wrote:

So if I'm reading all of this correctly, combined with David Denton's Oct. 18 trapping report, he caught and euthanized three animals, one of which was 75% red wolf and another of which was 87% red wolf, which is our current threshold for a pure wolf? We were concerned about this whole Mattamuskeet Ventures depredation permit trapping operation from the start, and this is exactly why.

On Mon, Apr 29, 2019 at 4:42 PM Joseph Madison <joseph_madison@fws.gov> wrote:
FYI

Joe Madison
Assistant Field Supervisor
Red Wolf Recovery Program
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U.S. Fish and Wildlife Service
100 Conservation Way
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Office: [\(252\) 473-1132 ext 245](tel:(252)473-1132)
joseph_madison@fws.gov

Begin forwarded message:

From: "Benjamin, Pete" <pete_benjamin@fws.gov>
Date: April 29, 2019 at 4:34:38 PM EDT
To: "Madison, Joseph" <joseph_madison@fws.gov>
Subject: Re: Letter from Andrea

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Pete Benjamin
Field Supervisor
Raleigh ES Field Office

U.S. Fish and Wildlife Service
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<joseph_madison@fws.gov> wrote:

Pete,

I recognize you're out of the office for several days, but while I was remembering it and so it didn't get forgotten, I wanted to remind you to scan and email me the letter you received from Andrea that showed the genetic results from some of the canid samples they had sent to the University of Idaho.

I your travels go well and that your brother is doing as well as possible too.

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina Ecological Services Sub-Office
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joseph_madison@fws.gov

--

Ryan Nordsven
Wildlife Biologist
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--

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Cell: (252) 475-8353

Label: "Mar 2019 FOIA/Trapping"

Created by: joseph_madison@fws.gov

Total Messages in label: 271 (48 conversations)

Created: 05-31-2019 at 11:45 AM

Conversation Contents

Fwd: Thank you, and a few follow up items

Attachments:

/1. Fwd: Thank you, and a few follow up items/6.1 USDA CAMERA LOCATIONS.jpg

"Frisk, Dan" <dan_frisk@fws.gov>

From: "Frisk, Dan" <dan_frisk@fws.gov>
Sent: Tue Apr 09 2019 07:12:40 GMT-0600 (MDT)
To: Joseph Madison <joseph_madison@fws.gov>
CC: John Stark <john_stark@fws.gov>
Subject: Fwd: Thank you, and a few follow up items

Joe...it looks like John forgot you on the addressee list. See John's email chain.

I also like to thank you for inviting us to the training and for you and your staff for taking time to discuss red wolf management with us.

Best Regards,
Dan

*Dan Frisk, Project Leader
US Fish & Wildlife Service
North Florida Refuge Complex
P.O. Box 68
1255 Lighthouse Road
St. Marks, FL 32355
850-925-6121 office
850-925-6930 fax
dan_frisk@fws.gov*

----- Forwarded message -----

From: Stark, John <john_stark@fws.gov>
Date: Tue, Apr 9, 2019 at 8:49 AM
Subject: Thank you, and a few follow up items
To: Morse, Michael <michael_l_morse@fws.gov>, Ryan Nordsven <ryan_nordsven@fws.gov>, Shaun Olson <shaun_olson@fws.gov>, Frisk, Dan <dan_frisk@fws.gov>, John Stark <john_stark@fws.gov>, Smith, Bradley <bradley_smith@fws.gov>, Arthur Beyer <arthur_beyer@fws.gov>, Terry Peacock <terry_peacock@fws.gov>, Joshua Havird <joshua_havird@fws.gov>

Wolf team,

Thank you for hosting NF complex folks, and also for such an exceptional class!

I'm fairly new to the wolf program, and very thankful for the time you spent coaching me up, and

answering my many questions.

We just sent you the USDA trap we had talked about. I spoke with the USDA trapper after our talk, and he had the following comments: It's very easy to; not place a second trap in a set, add a drag as a backup, and add/subtract or use different sized springs to make the tension on the trap however you would prefer. The only thing that can't be altered is changing the diameter of the trap itself. They're also comfortable assisting us by setting our traps, and not using theirs. Should we ever ask for their help, it sounds like borrowing some of our traps would be the best way to do it.

Josh Havird, AFMO in north Florida, included in this email, is a drone pilot. He's out of town this week in training, but will be around after that. If you have any drone questions, he's offered to attempt to answer them for you. His office number is 850-925-5661.

--

John Stark
Deputy Refuge Manager
St. Vincent National Wildlife Refuge
P.O. Box 447
Apalachicola, FL 32329
Office: 850-653-8808
Cell: 479-312-8892
FAX: 850-653-9893

"Stark, John" <john_stark@fws.gov>

From: "Stark, John" <john_stark@fws.gov>
Sent: Tue Apr 09 2019 07:16:53 GMT-0600 (MDT)
To: "Frisk, Dan" <dan_frisk@fws.gov>, Joseph Madison <joseph_madison@fws.gov>
Subject: Re: Thank you, and a few follow up items

Sorry Joe!

I didn't forget you, it was a cut and paste error of the name list.

On Tue, Apr 9, 2019 at 9:12 AM Frisk, Dan <dan_frisk@fws.gov> wrote:

Joe...it looks like John forgot you on the addressee list. See John's email chain.

I also like to thank you for inviting us to the training and for you and your staff for taking time to discuss red wolf management with us.

Best Regards,
Dan

Dan Frisk, Project Leader
US Fish & Wildlife Service
North Florida Refuge Complex
P.O. Box 68
1255 Lighthouse Road
St. Marks, FL 32355
850-925-6121 office
850-925-6930 fax
dan_frisk@fws.gov

----- Forwarded message -----

From: **Stark, John** <john_stark@fws.gov>

Date: Tue, Apr 9, 2019 at 8:49 AM

Subject: Thank you, and a few follow up items

To: Morse, Michael <michael_l_morse@fws.gov>, Ryan Nordsven <ryan_nordsven@fws.gov>, Shaun Olson <shaun_olson@fws.gov>, Frisk, Dan <dan_frisk@fws.gov>, John Stark <john_stark@fws.gov>, Smith, Bradley <bradley_smith@fws.gov>, Arthur Beyer <arthur_beyer@fws.gov>, Terry Peacock <terry_peacock@fws.gov>, Joshua Havird <joshua_havird@fws.gov>

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John Stark
Deputy Refuge Manager
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FAX: 850-653-9893

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"Nordsven, Ryan" <ryan_nordsven@fws.gov>

From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Sent: Tue Apr 09 2019 10:47:40 GMT-0600 (MDT)
To: "Stark, John" <john_stark@fws.gov>
"Morse, Michael" <michael_l_morse@fws.gov>, Shaun Olson
<shaun_olson@fws.gov>, "Frisk, Dan" <dan_frisk@fws.gov>,
CC: "Smith, Bradley" <bradley_smith@fws.gov>, Arthur Beyer
<arthur_beyer@fws.gov>, Terry Peacock
<terry_peacock@fws.gov>, Joseph Madison
<joseph_madison@fws.gov>
Subject: Re: Thank you, and a few follow up items

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Ryan

On Tue, Apr 9, 2019 at 8:49 AM Stark, John <john_stark@fws.gov> wrote:
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Ryan Nordsven
Wildlife Biologist
US Fish & Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 x 244
Cell: (252) 475-8353

"Beyer, Arthur" <arthur_beyer@fws.gov>

From: "Beyer, Arthur" <arthur_beyer@fws.gov>
Sent: Tue Apr 09 2019 12:05:39 GMT-0600 (MDT)
To: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
"Stark, John" <john_stark@fws.gov>, "Morse, Michael" <michael_l_morse@fws.gov>, Shaun Olson <shaun_olson@fws.gov>, "Frisk, Dan" <dan_frisk@fws.gov>,
CC: "Smith, Bradley" <bradley_smith@fws.gov>, Terry Peacock <terry_peacock@fws.gov>, Joseph Madison <joseph_madison@fws.gov>
Subject: Re: Thank you, and a few follow up items

fyi - we did try out these traps a number of years ago. Overall they worked ok, but because of the larger pan size, the "sweet spot" was reduced and there was more potential to capture canids outside the range of the rubber jaws beyond the offset, so we saw some pretty good foot damage near the lifters where the jaws came together. A smaller pan might help with this? Also, as Ryan mentioned, the diameter of the jaws could put the capture up above the actual foot. Weaker springs might slow the trap down some which could alleviate that. Originally, we used the double set of springs to help bring the jaws up in wet mud/clay. Not sure that would be needed in sand.

On Tue, Apr 9, 2019 at 12:48 PM Nordsven, Ryan <ryan_nordsven@fws.gov> wrote:

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"Stark, John" <john_stark@fws.gov>

From: "Stark, John" <john_stark@fws.gov>
Sent: Mon Apr 22 2019 08:08:24 GMT-0600 (MDT)
To: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
CC: "Morse, Michael" <michael_l_morse@fws.gov>, Shaun Olson <shaun_olson@fws.gov>, "Frisk, Dan" <dan_frisk@fws.gov>, "Smith, Bradley" <bradley_smith@fws.gov>, Arthur Beyer <arthur_beyer@fws.gov>, Terry Peacock <terry_peacock@fws.gov>, Joseph Madison <joseph_madison@fws.gov>
Subject: Re: Thank you, and a few follow up items

Ryan,

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"Stark, John" <john_stark@fws.gov>

From: "Stark, John" <john_stark@fws.gov>
Sent: Thu May 30 2019 08:23:54 GMT-0600 (MDT)
To: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
"Morse, Michael" <michael_l_morse@fws.gov>, Shaun Olson
<shaun_olson@fws.gov>, "Frisk, Dan" <dan_frisk@fws.gov>,
CC: "Smith, Bradley" <bradley_smith@fws.gov>, Arthur Beyer
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<terry_peacock@fws.gov>, Joseph Madison
<joseph_madison@fws.gov>
Subject: Re: Thank you, and a few follow up items
Attachments: USDA CAMERA LOCATIONS.jpg

Morning Ryan,

USDA will be monitoring St. Vincent island for any new pups with game cameras at the locations shown on the map for the next month or so. Any pups big enough to move around will likely be caught by one of the cameras.

I haven't checked with Brad, did you guys mail back Garrison's trap, or is it still in NC?

On Mon, Apr 22, 2019 at 10:08 AM Stark, John <john_stark@fws.gov> wrote:
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Conversation Contents

Proposal Comments Needed

Attachments:

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/1. Proposal Comments Needed/1.2 image010.png
/1. Proposal Comments Needed/1.3 image011.png
/1. Proposal Comments Needed/1.4 image012.png
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/1. Proposal Comments Needed/8.9 NCWRC Proposal_Consolidated_to_Andrea.docx

"Shipley, Andrea J" <andrea.shipley@ncwildlife.org>

From: "Shipley, Andrea J" <andrea.shipley@ncwildlife.org>
Sent: Mon Dec 04 2017 09:46:56 GMT-0700 (MST)
To: Joseph Madison <joseph_madison@fws.gov>
CC: "Boynton, Allen" <allen.boynton@ncwildlife.org>, "Benjamin, Pete" <pete_benjamin@fws.gov>
Subject: Proposal Comments Needed
Attachments: image009.png image010.png image011.png image012.png

Hi Joe,

It was good seeing you and the guys last week at the meeting!

I wanted to follow up regarding proposal comments from FWS staff (your program and refuges) and to request a copy of the immobilization protocol developed by NCSU.

I've been tasked with getting all proposal revisions in to Allen and David by end of day this Friday. I realize this is very fast turnaround, so any comments that staff have, in whatever form (e.g. scanned copies of handwritten notes on the draft would be adequate) would be appreciated. I'd like to be able to incorporate these comments into the draft, but will need them no later than EOD Wednesday.

Thanks again for attending the meeting and providing your knowledge, experience, and perspective.

All the best,

Andrea

Andrea J. Shipley
Canid Biologist, Wildlife Diversity Program

NC Wildlife Resources Commission
38 Mattamuskeet Rd, Swan Quarter, NC 27885
office: 252-926-0266
mobile: 984-232-1542

ncwildlife.org



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"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Mon Dec 04 2017 10:11:20 GMT-0700 (MST)
To: "Shipley, Andrea J" <andrea.shipley@ncwildlife.org>
Subject: Re: Proposal Comments Needed
Attachments: image010.png image009.png image012.png image011.png

Andrea,

I have been working on the consolidation of the FWS comments regarding the WRC proposal and hope to get those to you by the end of today or tomorrow morning at the latest.

Thanks,

Joe Madison
Assistant Field Supervisor
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

On Mon, Dec 4, 2017 at 11:46 AM, Shipley, Andrea J <andrea.shipley@ncwildlife.org> wrote:

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"Shipley, Andrea J" <andrea.shipley@ncwildlife.org>

From: "Shipley, Andrea J" <andrea.shipley@ncwildlife.org>
Sent: Mon Dec 04 2017 11:16:30 GMT-0700 (MST)
To: "Madison, Joseph" <joseph_madison@fws.gov>
Subject: RE: [External] Re: Proposal Comments Needed
Attachments: image005.png image006.png image007.png image008.png
image009.png image010.png image011.png image012.png

Thanks so much, Joe!

Andrea J. Shipley
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From: Madison, Joseph [mailto:joseph_madison@fws.gov]
Sent: Monday, December 04, 2017 12:11 PM
To: Shipley, Andrea J <andrea.shipley@ncwildlife.org>
Subject: [External] Re: Proposal Comments Needed

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All the best,

Andrea

Andrea J. Shipley
Canid Biologist, Wildlife Diversity Program

NC Wildlife Resources Commission
[38 Mattamuskeet Rd, Swan Quarter, NC 27885](#)
office: 252-926-0266
mobile: 984-232-1542

ncwildlife.org



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"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Mon Dec 04 2017 12:39:19 GMT-0700 (MST)
To: "Martin, Rebekah" <rebekah_p_martin@fws.gov>
Subject: Fwd: Proposal Comments Needed
Attachments: image011.png image012.png image009.png image010.png

FYI, in case you had comments for Refuges.

Joe Madison
Assistant Field Supervisor
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
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joseph_madison@fws.gov

----- Forwarded message -----

From: **Shipley, Andrea J** <andrea.shipley@ncwildlife.org>
Date: Mon, Dec 4, 2017 at 11:46 AM
Subject: Proposal Comments Needed
To: Joseph Madison <joseph_madison@fws.gov>
Cc: "Boynton, Allen" <allen.boynton@ncwildlife.org>, "Benjamin, Pete" <pete_benjamin@fws.gov>

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Sent: Mon Dec 04 2017 14:39:20 GMT-0700 (MST)
To: "Shipley, Andrea J" <andrea.shipley@ncwildlife.org>
Subject: Re: [External] Re: Proposal Comments Needed
image010.png image005.png image007.png image011.png
Attachments: image012.png image009.png image006.png image008.png
NCWRC Proposal_Consolidated_to_Andrea.docx

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On Mon, Dec 4, 2017 at 1:16 PM, Shipley, Andrea J <andrea.shipley@ncwildlife.org> wrote:
Thanks so much, Joe!

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Canid Biologist, Wildlife Diversity Program

NC Wildlife Resources Commission
[38 Mattamuskeet Rd. Swan Quarter, NC 27885](http://38MattamuskeetRd.SwanQuarter.NC27885)
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From: Madison, Joseph [mailto:joseph_madison@fws.gov]
Sent: Monday, December 04, 2017 12:11 PM
To: Shipley, Andrea J <andrea.shipley@ncwildlife.org>
Subject: [External] Re: Proposal Comments Needed

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Andrea,

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Joe Madison
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"Shipley, Andrea J" <andrea.shipley@ncwildlife.org>

From: "Shipley, Andrea J" <andrea.shipley@ncwildlife.org>
Sent: Tue Dec 05 2017 06:01:05 GMT-0700 (MST)
To: "Madison, Joseph" <joseph_madison@fws.gov>
Subject: RE: [External] Re: Proposal Comments Needed
Attachments: image013.png image014.png image015.png image016.png
image001.png image003.png image005.png image006.png

Hi Joe,

Thanks for getting these to me so quickly!

I really appreciate you all taking out the time to include your thoughtful comments on this proposal. Once I've gotten the comment revisions incorporated, I'll send you a copy of the revised draft.

Looking forward to working with you all as well!

All the best,

Andrea

Andrea J. Shipley
Canid Biologist, Wildlife Diversity Program

NC Wildlife Resources Commission
38 Mattamuskeet Rd, Swan Quarter, NC 27885
office: 252-926-0266

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Joe Madison
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joseph_madison@fws.gov

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ico	ico	ico	ico

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"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Wed Dec 06 2017 09:37:15 GMT-0700 (MST)
To: "Morse, Michael" <michael_l_morse@fws.gov>, Ryan Nordsven <ryan_nordsven@fws.gov>, Shaun Olson <shaun_olson@fws.gov>
Subject: Fwd: [External] Re: Proposal Comments Needed
Attachments: image012.png image010.png image011.png image006.png image009.png image008.png image005.png image007.png NCWRC Proposal_Consolidated_to_Andrea.docx

FYI.

I saw some typos in the comments after I sent it to her so you'll have to overlook those.

Joe Madison
Assistant Field Supervisor
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100 Conservation Way
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joseph_madison@fws.gov

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From: **Madison, Joseph** <joseph_madison@fws.gov>
Date: Mon, Dec 4, 2017 at 4:39 PM
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"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Wed Dec 06 2017 14:07:41 GMT-0700 (MST)
To: Pete Benjamin <pete_benjamin@fws.gov>
Subject: Fwd: [External] Re: Proposal Comments Needed
image007.png image008.png image005.png image012.png
Attachments: image009.png image010.png image011.png image006.png
NCWRC Proposal_Consolidated_to_Andrea.docx

Pete,

Here's what I sent Andrea for our comments. I tried to be both diplomatic about it, yet firm on certain points, so I hope that comes across to you.

Thanks,

Joe Madison
Assistant Field Supervisor
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Label: "Mar 2019 FOIA/WRC Study"

Created by: joseph_madison@fws.gov

Total Messages in label: 102 (19 conversations)
Created: 05-31-2019 at 12:32 PM

Conversation Contents

Albemarle Peninsula Collaborative Canid Conservation Team - Meeting Poll Attachments:

- /2. Albemarle Peninsula Collaborative Canid Conservation Team - Meeting Poll/1.1 FWS.WRC.AP3C.memo.PDF
- /2. Albemarle Peninsula Collaborative Canid Conservation Team - Meeting Poll/1.2 2014.05.05.APCCC Charter.Final.docx
- /2. Albemarle Peninsula Collaborative Canid Conservation Team - Meeting Poll/5.1 image001.jpg
- /2. Albemarle Peninsula Collaborative Canid Conservation Team - Meeting Poll/5.2 image002.jpg
- /2. Albemarle Peninsula Collaborative Canid Conservation Team - Meeting Poll/5.3 image003.jpg
- /2. Albemarle Peninsula Collaborative Canid Conservation Team - Meeting Poll/5.4 image004.jpg
- /2. Albemarle Peninsula Collaborative Canid Conservation Team - Meeting Poll/6.1 image001.jpg
- /2. Albemarle Peninsula Collaborative Canid Conservation Team - Meeting Poll/6.2 image002.jpg
- /2. Albemarle Peninsula Collaborative Canid Conservation Team - Meeting Poll/6.3 image003.jpg
- /2. Albemarle Peninsula Collaborative Canid Conservation Team - Meeting Poll/6.4 image004.jpg
- /2. Albemarle Peninsula Collaborative Canid Conservation Team - Meeting Poll/7.1 image001.jpg
- /2. Albemarle Peninsula Collaborative Canid Conservation Team - Meeting Poll/7.2 image002.jpg
- /2. Albemarle Peninsula Collaborative Canid Conservation Team - Meeting Poll/7.3 image003.jpg
- /2. Albemarle Peninsula Collaborative Canid Conservation Team - Meeting Poll/7.4 image004.jpg

"Benjamin, Pete" <pete_benjamin@fws.gov>

From: "Benjamin, Pete" <pete_benjamin@fws.gov>
Sent: Tue Apr 16 2019 06:47:04 GMT-0600 (MDT)
To: "Myers, Gordon S." <gordon.myers@ncwildlife.org>, "Briggs, M. Kyle" <kyle.briggs@ncwildlife.org>, David Cobb <david.cobb@ncwildlife.org>, "Schweitzer, Sara H" <sara.schweitzer@ncwildlife.org>, andrea.shiple@ncwildlife.org, Michelle Eversen <michelle_eversen@fws.gov>, Joseph Madison <joseph_madison@fws.gov>, Rebekah Martin <rebekah_p_martin@fws.gov>
CC: Leopoldo Miranda <leopoldo_miranda@fws.gov>
Subject: Albemarle Peninsula Collaborative Canid Conservation Team - Meeting Poll
Attachments: FWS.WRC.AP3C.memo.PDF 2014.05.05.APCCC Charter.Final.docx

Greetings,

I'm not sure that you are all aware of it yet, but Congratulation, you are now members of the reconstituted AP3C. According to my records, the last AP3C meeting was held on May 5, 2014. Obviously, a lot has happened since then and there is much to discuss.

I'd like to convene a meeting of the Team within the next few weeks. Please follow the link below to a doodle poll.

<https://doodle.com/poll/k59tgtnz5ct8zu8h>

For reference, I've attached the memorandum signed by Gordon and Cindy Dohner in 2013 which established the AP3C, and a copy of the Team Charter. The overarching goals of Gordon's and Cindy's memo remain highly relevant; though many of the specific actions have already been completed or were overcome by events. The Charter is good, but could do with a bit of updating. I would suggest we meet at the WRC building, if that's OK with folks. Once we get a date and time nailed down, I'll take responsibility for drafting an agenda.

I think the purpose of this first meeting of the new team would be to get us all reoriented around the vision laid out in the memo, share updates and perspectives, and get organized to chart a collective path forward. In my view, the only realistic chance for success for either agency regarding canids on the AP is for FWS and WRC to be able to stand shoulder to shoulder as we engage landowners, NGO's, and other stakeholders.

Pete Benjamin
Field Supervisor
Raleigh ES Field Office
U.S. Fish and Wildlife Service
551F Pylon Drive
Raleigh, NC 27606
Office: (919) 856-4520 x 11
Mobile: (919) 816-6408

NOTE: This email correspondence and any attachments to and from this sender are subject to the Freedom of Information Act (FOIA) and may be disclosed to third parties.

"Benjamin, Pete" <pete_benjamin@fws.gov>

From: "Benjamin, Pete" <pete_benjamin@fws.gov>
Sent: Thu May 02 2019 12:37:09 GMT-0600 (MDT)
"Myers, Gordon S." <gordon.myers@ncwildlife.org>, "Briggs, M. Kyle" <kyle.briggs@ncwildlife.org>, David Cobb <david.cobb@ncwildlife.org>, "Schweitzer, Sara H" <sara.schweitzer@ncwildlife.org>, andrea.shiple@ncwildlife.org, Michelle Eversen <michelle_eversen@fws.gov>, Joseph Madison <joseph_madison@fws.gov>, Rebekah Martin <rebekah_p_martin@fws.gov>
To:
CC: Leopoldo Miranda <leopoldo_miranda@fws.gov>
Subject: Re: Albemarle Peninsula Collaborative Canid Conservation Team - Meeting Poll

Okay gang,

My first attempt to find a suitable meeting date has failed. The first doodle poll didn't produce a date that worked for everyone. Because several members are new to the team and it has been so long since the team last met, I think it is really important that we find a date for the next meeting that works for everyone. I also know that Andrea will be out of pocket for the next several weeks. So, I've moved things back to early June. Please follow the link below to a new doodle poll and we'll see how it goes. Be advised that it only includes the first two weeks of June, because I plan to be out the last two weeks of June.

<https://doodle.com/poll/y9uqi8ezda9qdt9m>

Thanks for your patience,

Pete Benjamin
Field Supervisor
Raleigh ES Field Office
U.S. Fish and Wildlife Service
551F Pylon Drive
Raleigh, NC 27606
Office: (919) 856-4520 x 11
Mobile: (919) 816-6408

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On Tue, Apr 16, 2019 at 8:47 AM Benjamin, Pete <pete_benjamin@fws.gov> wrote:

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Pete Benjamin
Field Supervisor
Raleigh ES Field Office
U.S. Fish and Wildlife Service
551F Pylon Drive
Raleigh, NC 27606
Office: (919) 856-4520 x 11
Mobile: (919) 816-6408

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"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Mon May 06 2019 09:24:41 GMT-0600 (MDT)
To: "Benjamin, Pete" <pete_benjamin@fws.gov>
Subject: Re: Albemarle Peninsula Collaborative Canid Conservation Team - Meeting Poll

Pete,

I know there are obviously lots of folks to consider, but since there are two dates that show availability for all of the folks that have responded, I wanted to throw an extra vote in for choosing June 11 over June 13 for purely selfish reasons because it fits better into personal plans. But I will make either date work.

Thanks,

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

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<https://doodle.com/poll/y9uqi8ezda9qdt9m>

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"Benjamin, Pete" <pete_benjamin@fws.gov>

From: "Benjamin, Pete" <pete_benjamin@fws.gov>
Sent: Fri May 10 2019 08:00:00 GMT-0600 (MDT)
To: "Myers, Gordon S." <gordon.myers@ncwildlife.org>, "Briggs, M. Kyle" <kyle.briggs@ncwildlife.org>, David Cobb <david.cobb@ncwildlife.org>, "Schweitzer, Sara H" <sara.schweitzer@ncwildlife.org>, andrea.shiple@ncwildlife.org, Michelle Eversen <michelle_eversen@fws.gov>, Joseph Madison <joseph_madison@fws.gov>, Rebekah Martin <rebekah_p_martin@fws.gov>
CC: Leopoldo Miranda <leopoldo_miranda@fws.gov>
Subject: Re: Albemarle Peninsula Collaborative Canid Conservation Team - Meeting Poll

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"Myers, Gordon S." <gordon.myers@ncwildlife.org>

From: "Myers, Gordon S." <gordon.myers@ncwildlife.org>
Sent: Tue May 14 2019 08:55:37 GMT-0600 (MDT)
To: "Benjamin, Pete" <pete_benjamin@fws.gov>, "Briggs, M. Kyle" <kyle.briggs@ncwildlife.org>, "Cobb, David T." <david.cobb@ncwildlife.org>, "Schweitzer, Sara H" <sara.schweitzer@ncwildlife.org>, "Shiple, Andrea J" <andrea.shiple@ncwildlife.org>, Michelle Eversen <michelle_eversen@fws.gov>, Joseph Madison <joseph_madison@fws.gov>, Rebekah Martin <rebekah_p_martin@fws.gov>
CC: Leopoldo Miranda <leopoldo_miranda@fws.gov>
Subject: RE: [External] Re: Albemarle Peninsula Collaborative Canid Conservation Team - Meeting Poll
Attachments: image001.jpg image002.jpg image003.jpg image004.jpg

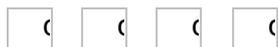
I will be out of town at the NAWCC meeting, but if these dates work for everyone else, I have no objections to moving forward without me.

Thanks,
Gordon

Gordon Myers
Executive Director

N.C. Wildlife Resources Commission
Mailing Address: 1701 Mail Service Center
Raleigh, North Carolina 27699-1701
office: 919-707-0151
mobile: 919-810-5271

ncwildlife.org



From: Benjamin, Pete <pete_benjamin@fws.gov>
Sent: Friday, May 10, 2019 10:00 AM
To: Myers, Gordon S. <gordon.myers@ncwildlife.org>; Briggs, M. Kyle <kyle.briggs@ncwildlife.org>; Cobb, David T. <david.cobb@ncwildlife.org>; Schweitzer, Sara H <sara.schweitzer@ncwildlife.org>; Shiple, Andrea J <andrea.shiple@ncwildlife.org>; Michelle Eversen <michelle_eversen@fws.gov>; Joseph Madison <joseph_madison@fws.gov>; Rebekah Martin <rebekah_p_martin@fws.gov>
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Subject: [External] Re: Albemarle Peninsula Collaborative Canid Conservation Team - Meeting Poll

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"Benjamin, Pete" <pete_benjamin@fws.gov>

From: "Benjamin, Pete" <pete_benjamin@fws.gov>
Sent: Thu May 16 2019 10:21:49 GMT-0600 (MDT)
To: "Myers, Gordon S." <gordon.myers@ncwildlife.org>
"Briggs, M. Kyle" <kyle.briggs@ncwildlife.org>, "Cobb, David T." <david.cobb@ncwildlife.org>, "Schweitzer, Sara H" <sara.schweitzer@ncwildlife.org>, "Shiple, Andrea J" <andrea.shiple@ncwildlife.org>, Michelle Eversen <michelle_eversen@fws.gov>, Joseph Madison <joseph_madison@fws.gov>, Rebekah Martin <rebekah_p_martin@fws.gov>, Leopoldo Miranda <leopoldo_miranda@fws.gov>
CC:
Subject: Re: [External] Re: Albemarle Peninsula Collaborative Canid Conservation Team - Meeting Poll
Attachments: image001.jpg image002.jpg image003.jpg image004.jpg

Thank you Gordon. So, let's go ahead and meet on June 11 at 9:00am. If memory serves, Cobb and I were the co-chairs of the Steering committee when this team last met, so I'm asking him to work with me to come up with a draft agenda. I'm hoping we can meet at the WRC HQ?

Thanks all,

Pete Benjamin
Field Supervisor
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On Tue, May 14, 2019 at 10:56 AM Myers, Gordon S. <gordon.myers@ncwildlife.org> wrote:

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From: Benjamin, Pete <pete_benjamin@fws.gov>
Sent: Friday, May 10, 2019 10:00 AM
To: Myers, Gordon S. <gordon.myers@ncwildlife.org>; Briggs, M. Kyle <kyle.briggs@ncwildlife.org>; Cobb, David T. <david.cobb@ncwildlife.org>; Schweitzer, Sara H <sara.schweitzer@ncwildlife.org>; Shipley, Andrea J <andrea.shipley@ncwildlife.org>; Michelle Eversen <michelle_eversen@fws.gov>; Joseph Madison <joseph_madison@fws.gov>; Rebekah Martin <rebekah_p_martin@fws.gov>
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"Cobb, David T." <david.cobb@ncwildlife.org>

From: "Cobb, David T." <david.cobb@ncwildlife.org>
Sent: Fri May 17 2019 07:49:47 GMT-0600 (MDT)
To: "Benjamin, Pete" <pete_benjamin@fws.gov>, "Myers, Gordon S." <gordon.myers@ncwildlife.org>
"Briggs, M. Kyle" <kyle.briggs@ncwildlife.org>, "Schweitzer, Sara H" <sara.schweitzer@ncwildlife.org>, "Shiple, Andrea J" <andrea.shiple@ncwildlife.org>, Michelle Eversen <michelle_eversen@fws.gov>, Joseph Madison <joseph_madison@fws.gov>, Rebekah Martin <rebekah_p_martin@fws.gov>, Leopoldo Miranda <leopoldo_miranda@fws.gov>
CC:
Subject: Re: [External] Re: Albemarle Peninsula Collaborative Canid Conservation Team - Meeting Poll
Attachments: image001.jpg image002.jpg image003.jpg image004.jpg

Label: "FOIA 20190530"

Created by:ryan_nordsven@fws.gov

Total Messages in label:12 (5 conversations)

Created: 06-13-2019 at 10:31 AM

Conversation Contents

Comments on NCWRC Proposal

Attachments:

- /2. Comments on NCWRC Proposal/1.1 NCWRC Proposal_Consolidated.docx
- /2. Comments on NCWRC Proposal/1.2 NCWRC Consolidated Comments.docx
- /2. Comments on NCWRC Proposal/1.3 NCWRC Proposal - Art.docx

"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Fri Oct 20 2017 13:23:14 GMT-0600 (MDT)
To: Pete Benjamin <pete_benjamin@fws.gov>
CC: Ryan Nordsven <ryan_nordsven@fws.gov>, Shaun Olson <shaun_olson@fws.gov>, "Morse, Michael" <michael_l_morse@fws.gov>
Subject: Comments on NCWRC Proposal
Attachments: NCWRC Proposal_Consolidated.docx NCWRC Consolidated Comments.docx NCWRC Proposal - Art.docx

Pete,

I'm not even sure where to start with the issues regarding this proposal and the concerns raised by every individual that has reviewed it.

Although we fully recognize there can be value in working collaboratively with the state on the management of canids on the AP and the 2013 FWS memo says as much, this proposal raises a myriad of concerns in several areas, including what the real intent is of what they are proposing. There doesn't appear to be any benefit to the conservation of the species by this proposal.

The proposal as submitted has us worried from a red wolf management standpoint if it gets implemented in any way that resembles what is currently written. David Cobb's comments regarding our involvement and less of a need to have Michael and Ryan at the meeting as the #1 agenda item raised that concern even more. We are not trying to be overly worried about working together or territorial, but this reads as a step towards NCWRC taking over management of the red wolves, including on Federal lands, which is causing consternation and angst for us and refuges. Particularly given the states official stance on eliminating red wolves from the state and declaring them extinct.

One logistical concern that needs to be addressed sooner than later, if it is not too late from an ordering standpoint, is that the current GPS collars the state has and that we have put on two wolves have VHF in the 150-151 MHz range, while all of our collars are in the 164-165 MHz. So currently we are not able to track the two GPS collared wolves from the air during our flights, which is not ideal. If they continue to use GPS collars on a much larger number of red wolves with a different VHF frequency range, it will become much more problematic to monitor them from the air, in particular, but also in the field since it would require two different sets of receivers and antennas.

Attached is a consolidation of comments from the Manteo ES office. The document is a bit busy because of the extensive comments, which in and of itself is telling, so if you want to see the individual comments, just let me know. There is a separate word document that contains some of the more narrative or general comments. I also just received Art's comments so I attached those separately since he obviously has valuable insight as well.

I am of course interested to see what of this information is shared with NCWRC, either in the form of a written response before the meeting, if that is what you are planning, or in at the meeting itself.

Thanks,

Joe Madison
Assistant Field Supervisor
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

Becky

Becky (Bartel) Harrison, Ph.d.
Refuge Biologist (temporary detail through May 22)
Alligator River National Wildlife Refuge
Pea Island National Wildlife Refuge

Supervisory Biologist/Red Wolf Recovery Lead
Pollinator Coordinator-Southeast Region

Eastern North Carolina Ecological Services Sub-Office
U.S. Fish & Wildlife Service
P.O. Box 1969
Manteo, NC 27954
Phone: (252) 473-1132 ext. 245
Email: rebecca_harrison@fws.gov

On Tue, Apr 12, 2016 at 3:06 PM, Beyer, Arthur <arthur_beyer@fws.gov> wrote:

Pete wanted me to put a protocol together on collaring wolves with gps collars, trying to steer away from having to collar every wolf with one. I added some language to the short sop we did couple years ago for coyotes to include wolves (attached). You'll see our comments. Please weight in if you have comments.

thanks

Conversation Contents

Candi Field Work Mtg.: Tues, Nov 28th

Attachments:

/3. Candi Field Work Mtg.: Tues, Nov 28th/1.1 image001.png
/3. Candi Field Work Mtg.: Tues, Nov 28th/1.2 image002.png
/3. Candi Field Work Mtg.: Tues, Nov 28th/1.3 image003.png
/3. Candi Field Work Mtg.: Tues, Nov 28th/1.4 image004.png
/3. Candi Field Work Mtg.: Tues, Nov 28th/1.5 USFWS x WRC Meeting Agenda 28Nov2017.pdf

"Sherrill, Brandon L" <brandon.sherrill@ncwildlife.org>

From: "Sherrill, Brandon L" <brandon.sherrill@ncwildlife.org>
Sent: Wed Nov 22 2017 11:19:01 GMT-0700 (MST)
To: "Benjamin, Pete" <pete_benjamin@fws.gov>, "Cobb, David T." <david.cobb@ncwildlife.org>, "Madison, Joseph" <joseph_madison@fws.gov>, "Nordsven, Ryan" <ryan_nordsven@fws.gov>, "Morse, Michael" <michael_l_morse@fws.gov>, "Shaun Olson (shaun_olson@fws.gov)" <shaun_olson@fws.gov>, "Martin, Rebekah" <rebekah_p_martin@fws.gov>, "Harrison, Rebecca" <rebecca_harrison@fws.gov>, Arthur Beyer <arthur_beyer@fws.gov>, "scott_lanier@fws.gov" <scott_lanier@fws.gov>, "kelley_vandruten@fws.gov" <kelley_vandruten@fws.gov>, "Briggs, M. Kyle" <kyle.briggs@ncwildlife.org>, "Boynton, Allen" <allen.boynton@ncwildlife.org>, "Shipley, Andrea J" <andrea.shipley@ncwildlife.org>
Subject: Candi Field Work Mtg.: Tues, Nov 28th
Attachments: image001.png image002.png image003.png image004.png USFWS x WRC Meeting Agenda 28Nov2017.pdf

Hi everyone,
Just sending a reminder regarding our meeting next week at the Pocosin Lakes NWR building. Meeting time is scheduled for 10:00am.
I've attached an agenda with items for discussion. Please let me know if you have any questions or concerns.
I hope everyone has a wonderful Thanksgiving holiday!

Brandon

Brandon L. Sherrill
Associate Wildlife Biologist®
Mammalogist

NC Wildlife Resources Commission
1718 NC Hwy 56 West



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Pete Benjamin <pete_benjamin@fws.gov>

From: Pete Benjamin <pete_benjamin@fws.gov>
Sent: Wed Nov 22 2017 18:45:31 GMT-0700 (MST)
To: "Sherrill, Brandon L" <brandon.sherrill@ncwildlife.org>
"Cobb, David T." <david.cobb@ncwildlife.org>, "Madison, Joseph" <joseph_madison@fws.gov>, "Nordsven, Ryan" <ryan_nordsven@fws.gov>, "Morse, Michael" <michael_l_morse@fws.gov>, "Shaun Olson (shaun_olson@fws.gov)" <shaun_olson@fws.gov>, "Martin, Rebekah" <rebekah_p_martin@fws.gov>, "Harrison, Rebecca" <rebecca_harrison@fws.gov>, Arthur Beyer <arthur_beyer@fws.gov>, "scott_lanier@fws.gov" <scott_lanier@fws.gov>, "kelley_vandruten@fws.gov" <kelley_vandruten@fws.gov>, "Briggs, M. Kyle" <kyle.briggs@ncwildlife.org>, "Boynton, Allen" <allen.boynton@ncwildlife.org>, "Shiple, Andrea J" <andrea.shiple@ncwildlife.org>
CC:
Subject: Re: Candi Field Work Mtg.: Tues, Nov 28th

I want snickers.

Pete Benjamin, US FWS

On Nov 22, 2017, at 1:19 PM, Sherrill, Brandon L <brandon.sherrill@ncwildlife.org> wrote:

Hi everyone,
Just sending a reminder regarding our meeting next week at the Pocosin Lakes NWR building. Meeting time is scheduled for 10:00am.
I've attached an agenda with items for discussion. Please let me know if you have any questions or concerns.
I hope everyone has a wonderful Thanksgiving holiday!

Brandon

Brandon L. Sherrill
Associate Wildlife Biologist®
Mammalogist

NC Wildlife Resources Commission
1718 NC Hwy 56 West

Creedmoor, North Carolina 27522-8299
office: 919-707-0338 // mobile: 919-208-9200

ncwildlife.org

<image001.png> <image002.png> <image003.png> <image004.png>

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<USFWS x WRC Meeting Agenda 28Nov2017.pdf>

Label: "Mar 2019 FOIA/Trapping"

Created by: joseph_madison@fws.gov

Total Messages in label: 271 (48 conversations)

Created: 05-31-2019 at 11:46 AM

Conversation Contents

Suggested follow-up canid studies in Louisiana

Attachments:

/3. Suggested follow-up canid studies in Louisiana/1.1 20190508_Potential Follow up Research_clean.docx

"Weller, Emily" <emily_weller@fws.gov>

From: "Weller, Emily" <emily_weller@fws.gov>
Sent: Wed May 08 2019 12:49:13 GMT-0600 (MDT)
To: Aaron Valenta <aaron_valenta@fws.gov>
CC: "Madison, Joseph" <joseph_madison@fws.gov>, Pete Benjamin <pete_benjamin@fws.gov>, Joseph Ranson <joseph_ranson@fws.gov>, "Weller, Jeff" <jeff_weller@fws.gov>
Subject: Suggested follow-up canid studies in Louisiana
Attachments: 20190508_Potential Follow up Research_clean.docx

Aaron - please find attached our recommendations for follow-up studies in LA. I have received feedback/edits from Joe, Pete, Ranson, and Weller.

The attached document contains (1) a NTR - to give some background to those who might review this, but may not be familiar with the situation (e.g., acting DARD), (2) 2 pages with our recommendations and draft protocol, and (3) some considerations before implementing fieldwork. I added 2 as a supplementary document.

Please let me know if you have any questions.
Em

--

Emily Bizwell Weller
Captive Propagation and Release Coordinator
Red Wolf Recovery Coordinator
Fish and Wildlife Service
200 Dulles Drive
Lafayette, LA 70506
337-291-3090
337-291-3139 (Fax)
emily_weller@fws.gov

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Label: "Mar 2019 FOIA/WRC Study"

Created by: joseph_madison@fws.gov

Total Messages in label: 102 (19 conversations)

Created: 05-31-2019 at 12:33 PM

Conversation Contents

AP Canid Team

"Benjamin, Pete" <pete_benjamin@fws.gov>

From: "Benjamin, Pete" <pete_benjamin@fws.gov>
Sent: Wed Apr 10 2019 13:40:50 GMT-0600 (MDT)
To: Michelle Eversen <michelle_eversen@fws.gov>, Joseph Madison <joseph_madison@fws.gov>
Subject: AP Canid Team

I heard back from WRC and they'd like to have Gordon remain as the Executive, with Kyle, David, Sara Schweitzer and Andrea as team members.

Pete Benjamin
Field Supervisor
Raleigh ES Field Office
U.S. Fish and Wildlife Service
551F Pylon Drive
Raleigh, NC 27606
Office: (919) 856-4520 x 11
Mobile: (919) 816-6408

NOTE: This email correspondence and any attachments to and from this sender are subject to the Freedom of Information Act (FOIA) and may be disclosed to third parties.

Joseph Madison <joseph_madison@fws.gov>

From: Joseph Madison <joseph_madison@fws.gov>
Sent: Wed Apr 10 2019 14:37:12 GMT-0600 (MDT)
To: "Benjamin, Pete" <pete_benjamin@fws.gov>
Subject: Re: AP Canid Team

Is that about the same number of folks they had on it before? Just curious. And is our goal/plan to have approximately a one to one match or not really? In the past was it entirely WRC and FWS folks?

Joe Madison
Assistant Field Supervisor
Red Wolf Recovery Program
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
[100 Conservation Way](#)
Manteo, NC 27954
Office: [\(252\) 473-1132 ext 245](#)
joseph_madison@fws.gov

On Apr 10, 2019, at 3:40 PM, Benjamin, Pete <pete_benjamin@fws.gov> wrote:

I heard back from WRC and they'd like to have Gordon remain as the Executive, with Kyle, David, Sara Schweitzer and Andrea as team members.

Pete Benjamin
Field Supervisor
Raleigh ES Field Office
U.S. Fish and Wildlife Service
551F Pylon Drive
Raleigh, NC 27606
Office: (919) 856-4520 x 11
Mobile: (919) 816-6408

NOTE: This email correspondence and any attachments to and from this sender are subject to the Freedom of Information Act (FOIA) and may be disclosed to third parties.

"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Fri Apr 12 2019 09:23:05 GMT-0600 (MDT)
To: "Benjamin, Pete" <pete_benjamin@fws.gov>
Subject: Re: AP Canid Team

Pete,

I mentioned this group starting back up to Rebekah and she expressed interest in potentially being a part of it, particularly with Pocosin remaining more in play at the moment. Just wanted to give you a heads up. I am curious what your thinking is on who from FWS will be involved.

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

On Wed, Apr 10, 2019 at 4:37 PM Joseph Madison <joseph_madison@fws.gov> wrote:

Is that about the same number of folks they had on it before? Just curious. And is our goal/plan to have approximately a one to one match or not really? In the past was it entirely WRC and FWS folks?

Joe Madison
Assistant Field Supervisor
Red Wolf Recovery Program
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: [\(252\) 473-1132 ext 245](tel:(252)473-1132)

joseph_madison@fws.gov

On Apr 10, 2019, at 3:40 PM, Benjamin, Pete <pete_benjamin@fws.gov> wrote:

I heard back from WRC and they'd like to have Gordon remain as the Executive, with Kyle, David, Sara Schweitzer and Andrea as team members.

Pete Benjamin
Field Supervisor
Raleigh ES Field Office
U.S. Fish and Wildlife Service
551F Pylon Drive
Raleigh, NC 27606
Office: (919) 856-4520 x 11
Mobile: (919) 816-6408

NOTE: This email correspondence and any attachments to and from this sender are subject to the Freedom of Information Act (FOIA) and may be disclosed to third parties.

"Benjamin, Pete" <pete_benjamin@fws.gov>

From: "Benjamin, Pete" <pete_benjamin@fws.gov>
Sent: Mon Apr 15 2019 07:23:34 GMT-0600 (MDT)
To: "Madison, Joseph" <joseph_madison@fws.gov>
Subject: Re: AP Canid Team

It's a pretty good idea actually. I'll run it up the chain.

Pete Benjamin
Field Supervisor
Raleigh ES Field Office
U.S. Fish and Wildlife Service
551F Pylon Drive
Raleigh, NC 27606
Office: (919) 856-4520 x 11
Mobile: (919) 816-6408

NOTE: This email correspondence and any attachments to and from this sender are subject to the Freedom of Information Act (FOIA) and may be disclosed to third parties.

On Fri, Apr 12, 2019 at 11:23 AM Madison, Joseph <joseph_madison@fws.gov> wrote:
Pete,

I mentioned this group starting back up to Rebekah and she expressed interest in potentially being a part of it, particularly with Pocosin remaining more in play at the moment. Just wanted to give you a heads up. I am curious what your thinking is on who from FWS will be involved.

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way

Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

On Wed, Apr 10, 2019 at 4:37 PM Joseph Madison <joseph_madison@fws.gov> wrote:
Is that about the same number of folks they had on it before? Just curious. And is our goal/plan to have approximately a one to one match or not really? In the past was it entirely WRC and FWS folks?

Joe Madison
Assistant Field Supervisor
Red Wolf Recovery Program
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: [\(252\) 473-1132 ext 245](tel:(252)473-1132)
joseph_madison@fws.gov

On Apr 10, 2019, at 3:40 PM, Benjamin, Pete <pete_benjamin@fws.gov> wrote:

I heard back from WRC and they'd like to have Gordon remain as the Executive, with Kyle, David, Sara Schweitzer and Andrea as team members.

Pete Benjamin
Field Supervisor
Raleigh ES Field Office
U.S. Fish and Wildlife Service
551F Pylon Drive
Raleigh, NC 27606
Office: (919) 856-4520 x 11
Mobile: (919) 816-6408

NOTE: This email correspondence and any attachments to and from this sender are subject to the Freedom of Information Act (FOIA) and may be disclosed to third parties.

Label: "FOIA FWS-2019-00455"

Created by:shaun_olson@fws.gov

Total Messages in label:62 (32 conversations)

Created: 06-13-2019 at 06:56 AM

Conversation Contents

CAN-18-006

"Nordsven, Ryan" <ryan_nordsven@fws.gov>

From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Sent: Thu Mar 07 2019 11:44:19 GMT-0700 (MST)
To: "Shiple, Andrea J" <andrea.shiple@ncwildlife.org>, "McAlister, John W" <john.mcalister@ncwildlife.org>
CC: Joseph Madison <joseph_madison@fws.gov>, "Morse, Michael" <michael_l_morse@fws.gov>, Shaun Olson <shaun_olson@fws.gov>
Subject: CAN-18-006

Andrea,

I mentioned this to Worth when I talked to him a few days ago but wanted to email you both as well with the details. We asked Jen Adams at Lisette's lab in Idaho to look at some possible pedigree information for the female you have collared on Gordon Floyd's property (CAN-18-006). Apparently if known red wolves can be matched as parents to some of these back crosses (such as CAN-18-006), their percentage wolf can be bumped up as well. After analyzing the information we provided about known wolves in the Ventures area, Jen was able to confirm that CAN-18-006 is in fact a red wolf. She was able to match two of our collared red wolves in the area as her parents. Our aerial telemetry locations place her mother in relatively the same home range as hers, so I'm guessing she is a young wolf that has not yet dispersed her natal range. We have given her a red wolf studbook number as well: 12281F.

Also, I was able to confirm that the VHF beacons of two of your collars are still functioning, and that our gear will pick them up, albeit in a limited fashion, during flights this week. I flew over Floyd's property and was able to hear 12281F (freq 150.050), and I was also able to hear 12194F, the female wolf near Belhaven (freq 150.550). Since our aerial antennas are not designed to be compatible with your frequency range, it appears that we can hear the signal at a close proximity (i.e. if we are directly overhead), but the distance at which we can pick them up is limited. This will make it hard to locate any animals that have not settled into a known home range. I listened for two other collars on your list (150.400 and 150.500) but did not hear them. At least it's good to know that the Belhaven wolf is still transmitting and that the VHF beacons might be outlasting the GPS function of these collars.

Thanks and talk soon,

Ryan

--

Ryan Nordsven
Wildlife Biologist
US Fish & Wildlife Service
100 Conservation Way

Manteo, NC 27954
Office: (252) 473-1132 x 244
Cell: (252) 475-8353

Conversation Contents

One page in part under exemption 5 CIP

Invitation: 10am Discuss Nov 28 Meeting (WRC Proposal) @ Mon Nov 27, 2017 10am - 11am (joseph_madison@fws.gov)

Attachments:

/4. Invitation: 10am Discuss Nov 28 Meeting (WRC Proposal) @ Mon Nov 27, 2017 10am - 11am (joseph_madison@fws.gov)/1.1 invite.ics

/4. Invitation: 10am Discuss Nov 28 Meeting (WRC Proposal) @ Mon Nov 27, 2017 10am - 11am (joseph_madison@fws.gov)/1.2 invite.ics

Rebekah Martin <rebekah_p_martin@fws.gov>

From: Rebekah Martin <rebekah_p_martin@fws.gov>
Sent: Wed Nov 15 2017 09:08:39 GMT-0700 (MST)
To: joseph_madison@fws.gov, pete_benjamin@fws.gov, rebecca_harrison@fws.gov, arthur_beyer@fws.gov, scott_lanier@fws.gov
Subject: Invitation: 10am Discuss Nov 28 Meeting (WRC Proposal) @ Mon Nov 27, 2017 10am - 11am (joseph_madison@fws.gov)
Attachments: invite.ics invite.ics

10am Discuss Nov 28 Meeting (WRC Proposal)

[more details »](#)

This will be a check in on the plans for the Nov 28 meeting.

(b) (5) cip(b) (5) cip
(b) (5) cip(b) (5) cip

When Mon Nov 27, 2017 10am – 11am Eastern Time

Video call https://plus.google.com/hangouts/_/doi.gov/rebekah-p-marti

Calendar joseph_madison@fws.gov

Who

- rebekah_p_martin@fws.gov - organizer
- pete_benjamin@fws.gov
- joseph_madison@fws.gov
- rebecca_harrison@fws.gov
- arthur_beyer@fws.gov
- scott_lanier@fws.gov

Going? [Yes](#) - [Maybe](#) - [No](#) [more options »](#)

Invitation from [Google Calendar](#)

You are receiving this email at the account joseph_madison@fws.gov because you are subscribed for invitations on calendar joseph_madison@fws.gov.

To stop receiving these emails, please log in to <https://www.google.com/calendar/> and change your notification settings for this calendar.

Forwarding this invitation could allow any recipient to modify your RSVP response. [Learn More.](#)

Label: "Mar 2019 FOIA/Trapping"

Created by: joseph_madison@fws.gov

Total Messages in label: 271 (48 conversations)

Created: 05-31-2019 at 11:46 AM

Conversation Contents

Re: [EXTERNAL] Database

"Beyer, Arthur" <arthur_beyer@fws.gov>

From: "Beyer, Arthur" <arthur_beyer@fws.gov>
Sent: Wed May 01 2019 06:23:25 GMT-0600 (MDT)
To: Suzanne Agan <sagan@antioch.edu>
CC: Joe Madison <joseph_madison@fws.gov>
Subject: Re: [EXTERNAL] Database

Hi Suzanne,

I'm going to refer that one to Joe as I don't know what the official estimate for those years would be and will copy him on this.

On Tue, Apr 30, 2019 at 3:58 PM Suzanne Agan <sagan@antioch.edu> wrote:

Hi Art!

Hope all is well with you! What is the official red wolf population estimate for 2017 and 2018? I have the other years from published data.

Thanks!

Suzanne

On Wed, Feb 20, 2019 at 12:33 PM Beyer, Arthur <arthur_beyer@fws.gov> wrote:

That would be a yes - if associated with a disappearance it would be on that date.

On Wed, Feb 20, 2019 at 12:14 PM Suzanne Agan <sagan@antioch.edu> wrote:

Sorry I hit send before I think things through. In the past when we have talked, you said the wolves were declared FU when you tried to find them but could not. However, a lot of the time in the database, the DI date and the FU date are the same. In that case, did the FWS declare them FU on the last contact date?

Thanks!

On Wed, Feb 20, 2019 at 12:08 PM Suzanne Agan <sagan@antioch.edu> wrote:

Awesome, that's exactly what I needed to know. I didn't know if you could not find them at the DI date or if that was the last contact so that helps considerably!

Have a great day

Suzanne

On Wed, Feb 20, 2019 at 11:59 AM Beyer, Arthur <arthur_beyer@fws.gov> wrote:

Hey Suzanne,

So, the DI is the only one that is associated with the date of that event. The FU just allows us to track which canids may still have a fate unknown status. So, a wolf may disappear on one date, and subsequently be assigned a FU status, but then if that wolf was captured later, the DI obviously took place at an earlier date, but hopefully we would remember to "uncheck" the FU associated with that disappearance. That make sense? Also, the DI would be the last date we either saw or had a canid in hand or were tracking a radio collar.

On Sun, Feb 17, 2019 at 8:12 PM Suzanne Agan <sagan@antioch.edu> wrote:

Hey Art!

I hope all is well there in NC. It is very wet and muddy here in GA and I am looking forward to spring.

I need to confirm something with you before I finish my data. In the database, the DI column I know means "disappeared (lost contact)" and most of the time it is associated with FU. Is the DI date a "last contact" date or just like FU in that it was the date you tried to locate them but could not?

Thank you!

Suzanne

On Mon, Dec 3, 2018 at 8:07 AM Beyer, Arthur <arthur_beyer@fws.gov> wrote:

Those are determined via genetic analysis, so we're pretty sure on the parentage. And yes, that isn't necessarily a contact event but rather an "event" confirmed via genetic testing.

On Thu, Nov 29, 2018 at 9:37 PM Suzanne Agan <sagan@antioch.edu> wrote:

Hey Art,

Of course I have a few more questions that have come up. For the whelping events, how sure are you these males are the father rather than an uncle or other relative for example? I don't know what tests you do and how accurate they are so really just curious. Also when those whelping events happen before the FU is assigned, those are not actual contact events, correct? Rather the same determination of parentage you explained for when the whelping events are established after FU is assigned?

Thanks!

Suzanne

On Wed, Nov 14, 2018 at 3:42 PM Suzanne Agan <sagan@antioch.edu> wrote:

OK perfect, thanks!

On Wed, Nov 14, 2018 at 3:27 PM Beyer, Arthur <arthur_beyer@fws.gov> wrote:

It is based on their locations outside of an established territory, but not just a single location but once they either set up another permanent territory and remain transient for an extended period of time. At that time we go back to the original date we first located them outside their former territory or home range and assign that as a dispersal event.

On Sat, Nov 10, 2018 at 6:35 PM Suzanne Agan <sagan@antioch.edu> wrote:

Thank you so much for taking the time to answer all my questions! When the wolves are marked as "DISP" which I know is dispersed, how do you know? Is their signal picked up outside their territory? Thanks!

On Thu, Nov 8, 2018 at 8:37 AM Beyer, Arthur <arthur_beyer@fws.gov> wrote:

For 11437 and 11642, the FU event is listed in the same record for the date they were transpondered (T), simply because we don't actively track those chips and the animal's fate thus becomes "unknown" as soon as we walk away. There should be a good number of wolves in the database with FU listed the same way.

The last event for 11737 shows a "S" event, which just means it was

"shipped", in the case was captured, held in captivity, and shipped from the refuge to another captive facility, I think the Asheboro Zoo in this case.

On Tue, Nov 6, 2018 at 4:48 PM Suzanne Agan

<sagan@antioch.edu> wrote:

Hey Art,

Sorry I got too quick with the send button. I have a couple more wolf specific questions. You said 11437 and 11642 were assigned FU dates but those are not in the data, do you have those? For 11737 what I meant was that the last entry has a date but does not say what happened. The last date for that wolf was Nov 4, 2015.

Thanks!
Suzanne

On Fri, Oct 12, 2018 at 12:38 PM Beyer, Arthur

<arthur_beyer@fws.gov> wrote:

Hey Suzanne,

So, the 3 wolves were from private traps.

As for the fate unknowns, all but 3 were captive born wolves that were never released. We also managed those wolves kept captive on the refuge in this database. 2 of them, 11437 and 11642 had FU dates assigned, as well as 11515, which had "events" post fate unknown, but were associated with whelping events which were established through pedigree of their captured pups, so although the collars went off the air (hence we lost contact with them and thus their fate is unknown) we knew they were still out there because genetic analysis in pups born after the fate unknown date showed they had whelped litters.

As for 11734 and 11737, 11734 was captive-born on the refuge so had limited "events". 11737 had numerous records - was there a different one you were looking at?

On Mon, Oct 8, 2018 at 9:17 PM Suzanne Agan

<sagan@antioch.edu> wrote:

Good Afternoon Art,

Did you get a chance to look up those wolves for me? I also have another question. These three wolves have "trap related" as cause of death. Does that mean USFWS trap or private trap? 11885, 12085, and 12092

Thank you!
Suzanne

On Sat, Sep 15, 2018 at 7:59 PM Suzanne Agan

<sagan@antioch.edu> wrote:

Hey Art,

Question about the data when you get a chance (I know the

hurricane is upon you right now so please feel free to ignore until it's back to normal).

At what point do you establish "Fate unknown" for a wolf? I have some wolves that have never been established as either dead or fate unknown but have been out there a long time. Those include the following wolf ID's
10729, 11200, 11276, 11437, 11473, 11515, 11642

Also there are entries for the following 2 wolves with only a date, no action. Do you have any more data on them?
11734 - December 19, 2012
11737 - November 4, 2015

I'm sure I may have more questions but that's it for now.
Thank you!!
Suzanne

On Thu, Jul 26, 2018 at 3:03 PM, Suzanne Agan
<sagan@antioch.edu> wrote:

Thank you!

On Thu, Jul 26, 2018 at 2:59 PM Arthur Beyer
<arthur_beyer@fws.gov> wrote:

"WOLF" = red wolf
"RWBC" = red wolf backcross (hybrid)
"F1, F2" type hybrids
"COYBC" = coyote backcross (hybrid)

I think coyote is just COYOTE or COY - can't remember offhand. We included these in the database for a number of reasons, but in part could be used with pedigree to determine hybrid, or non- hybrid status.

If you're just looking at red wolves, you could just use those records where the ID field begins with a "1".

On Thu, Jul 26, 2018 at 2:35 PM Suzanne Agan
<sagan@antioch.edu> wrote:

Hey Art,
Question about their status. What is the difference between wolf, RWBC, F1 and F2? I figure COYBC is mostly coyote.
Thanks!
Suzanne

On Mon, Jul 23, 2018 at 3:58 PM, Suzanne Agan
<sagan@antioch.edu> wrote:

Good afternoon Art,
I received the data disc today! Thanks so much. As I go through it I'll let you know if I have any questions.
Have a great week!
Suzanne

On Tue, Jul 17, 2018 at 5:48 PM Suzanne Agan
<sagan@antioch.edu> wrote:

Thank you Art! I'll let you know when it arrives.

Have a great week!
Suzanne

On Tue, Jul 17, 2018 at 2:08 PM Arthur Beyer
<arthur_beyer@fws.gov> wrote:

Hey Suzanne,

The disc should go out later today or tomorrow. Again, if you need anything else please let me know and I'll see if I can track it down.

Thanks,
Art

On Fri, Jul 13, 2018 at 7:59 AM Suzanne Agan <sagan@antioch.edu> wrote:

Good Morning Art!

It was great talking to you the other day!
Here is my address to mail the database:

Suzanne Agan
[1509 Turner Road NE](#)
[Rome, GA 30165](#)

Thank you so much for getting that to me and let me know if there is anything else you need. Have a great weekend!

Suzanne
Antioch University New England
sagan@antioch.edu
706-631-2886

"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Wed May 08 2019 10:36:39 GMT-0600 (MDT)
To:
CC: Suzanne Agan <sagan@antioch.edu>
Subject: Re: [EXTERNAL] Database

Suzanne,

I hope it's going well. The known population (e.g. active radio collared red wolves) for the end of 2017 is 20 with an estimated total population of 25-35 red wolves. For the end of 2018, the known population is 19 with an estimated total population of 23-30.

Thanks,

Joe Madison

Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

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Suzanne
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Suzanne Agan <sagan@antioch.edu>

From: Suzanne Agan <sagan@antioch.edu>
Sent: Wed May 08 2019 12:31:31 GMT-0600 (MDT)
To: "Madison, Joseph" <joseph_madison@fws.gov>
Subject: Re: [EXTERNAL] Database

Thanks so much Joe! I may be writing with some more questions in the coming weeks as I finish my manuscript. I will be happy to send you a copy before submitting it for publication. All is well here and since I am at the beach in FL this week on vacation, all is very well :). Talk soon
Suzanne

On Wed, May 8, 2019 at 12:37 PM Madison, Joseph <joseph_madison@fws.gov> wrote:
Suzanne,

I hope it's going well. The known population (e.g. active radio collared red wolves) for the end of 2017 is 20 with an estimated total population of 25-35 red wolves. For the end of 2018, the known population is 19 with an estimated total population of 23-30.

Thanks,

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Label: "FOIA 20190531"

Created by:ryan_nordsven@fws.gov

Total Messages in label:255 (70 conversations)

Created: 06-12-2019 at 13:06 PM

Conversation Contents

CAN-18-006

"Nordsven, Ryan" <ryan_nordsven@fws.gov>

From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Sent: Thu Mar 07 2019 11:44:19 GMT-0700 (MST)
To: "Shiple, Andrea J" <andrea.shiple@ncwildlife.org>, "McAlister, John W" <john.mcalister@ncwildlife.org>
CC: Joseph Madison <joseph_madison@fws.gov>, "Morse, Michael" <michael_l_morse@fws.gov>, Shaun Olson <shaun_olson@fws.gov>
Subject: CAN-18-006

Andrea,

I mentioned this to Worth when I talked to him a few days ago but wanted to email you both as well with the details. We asked Jen Adams at Lisette's lab in Idaho to look at some possible pedigree information for the female you have collared on Gordon Floyd's property (CAN-18-006). Apparently if known red wolves can be matched as parents to some of these back crosses (such as CAN-18-006), their percentage wolf can be bumped up as well. After analyzing the information we provided about known wolves in the Ventures area, Jen was able to confirm that CAN-18-006 is in fact a red wolf. She was able to match two of our collared red wolves in the area as her parents. Our aerial telemetry locations place her mother in relatively the same home range as hers, so I'm guessing she is a young wolf that has not yet dispersed her natal range. We have given her a red wolf studbook number as well: 12281F.

Also, I was able to confirm that the VHF beacons of two of your collars are still functioning, and that our gear will pick them up, albeit in a limited fashion, during flights this week. I flew over Floyd's property and was able to hear 12281F (freq 150.050), and I was also able to hear 12194F, the female wolf near Belhaven (freq 150.550). Since our aerial antennas are not designed to be compatible with your frequency range, it appears that we can hear the signal at a close proximity (i.e. if we are directly overhead), but the distance at which we can pick them up is limited. This will make it hard to locate any animals that have not settled into a known home range. I listened for two other collars on your list (150.400 and 150.500) but did not hear them. At least it's good to know that the Belhaven wolf is still transmitting and that the VHF beacons might be outlasting the GPS function of these collars.

Thanks and talk soon,

Ryan

--

Ryan Nordsven
Wildlife Biologist
US Fish & Wildlife Service
100 Conservation Way

Manteo, NC 27954
Office: (252) 473-1132 x 244
Cell: (252) 475-8353

Label: "Mar 2019 FOIA/Trapping"

Created by: joseph_madison@fws.gov

Total Messages in label: 271 (48 conversations)

Created: 05-31-2019 at 11:46 AM

Conversation Contents

Follow-up studies in LA

Attachments:

- /5. Follow-up studies in LA/1.1 20190502_Potential Follow up Research_LA.docx
- /5. Follow-up studies in LA/2.1 20190502_Potential Follow up Research_LA_jm.docx
- /5. Follow-up studies in LA/5.1 20190502_Potential Follow up Research_LA_jm.docx

"Weller, Emily" <emily_weller@fws.gov>

From: "Weller, Emily" <emily_weller@fws.gov>
Sent: Mon May 06 2019 06:25:19 GMT-0600 (MDT)
To: "Madison, Joseph" <joseph_madison@fws.gov>, Pete Benjamin <pete_benjamin@fws.gov>
Subject: Follow-up studies in LA
Attachments: 20190502_Potential Follow up Research_LA.docx

Please see attached a write-up of what we would like to do in LA. Basically, it's the Draft LA Plan that Joe put together earlier this year.

Am I missing anything? Anything else we should include/request?

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Thank you!
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Emily Bizwell Weller
Captive Propagation and Release Coordinator
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Fish and Wildlife Service
200 Dulles Drive
Lafayette, LA 70506
337-291-3090
337-291-3139 (Fax)
emily_weller@fws.gov

NOTE: This email correspondence and any attachments to and from this sender is subject to the Freedom of Information Act (FOIA) and may be disclosed to third parties.

"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Mon May 06 2019 11:08:19 GMT-0600 (MDT)

To: Shaun Olson <shaun_olson@fws.gov>, Ryan Nordsven <ryan_nordsven@fws.gov>, "Morse, Michael" <michael_l_morse@fws.gov>
Subject: Fwd: Follow-up studies in LA
Attachments: 20190502_Potential Follow up Research_LA_jm.docx

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Joe Madison
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From: **Weller, Emily** <emily_weller@fws.gov>
Date: Mon, May 6, 2019 at 8:25 AM
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To: Madison, Joseph <joseph_madison@fws.gov>, Pete Benjamin <pete_benjamin@fws.gov>

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"Morse, Michael" <michael_l_morse@fws.gov>

From: "Morse, Michael" <michael_l_morse@fws.gov>
Sent: Mon May 06 2019 13:31:35 GMT-0600 (MDT)
To: "Madison, Joseph" <joseph_madison@fws.gov>
CC: Shaun Olson <shaun_olson@fws.gov>, Ryan Nordsven <ryan_nordsven@fws.gov>
Subject: Re: Follow-up studies in LA

Joe,

Thank's for passing this along so we can comment. It looks like this is restricted to Sabine NWR and not any surrounding property (ie; oil company lands, corporate farms). I'd be good to expand the footprint of effort at lease around the refuge boundary (if possible) while the work is going on but that'll be up to LA. The only things I'd add to the protocol are to take weights and sex of the animals and to assess the breeding condition (size of testicles, vulva and inguinal nipple size and color) to attempt to estimate if the animal has bred in the past.

There may also need to be a intermediate set of morphometric standards in case no "full-standard" animals are captured or at least the understanding that some "larger" non-red wolves might still be collared in an effort to study the current canid mix in the Sabine area. That's all I have Joe. Thanks,

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337-291-3139 (Fax)
emily_weller@fws.gov

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--
Michael L. Morse
Wildlife Biologist, USFWS
ENC ES Sub-Field Office
100 Conservation Way, PO Box 1969
Manteo, NC 27954
Work: (252) 473-1131, ext. 242
Cell#: (252) 475-8350

"Nordsven, Ryan" <ryan_nordsven@fws.gov>

From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Sent: Mon May 06 2019 14:06:41 GMT-0600 (MDT)
To: "Madison, Joseph" <joseph_madison@fws.gov>
CC: Shaun Olson <shaun_olson@fws.gov>, "Morse, Michael" <michael_l_morse@fws.gov>
Subject: Re: Follow-up studies in LA

It looks pretty good to me Joe. More details can be ironed out when needed, but I think it covers most of the essentials for a preliminary course of action. We will have to make sure our SOPs are in order for trapping and animal handling and processing. Any approved trappers of course will need to follow appropriate protocols and use approved equipment. PIT tags might also be added to the process, especially for any potential canids released without collars. I guess that's all I have for now.

On Mon, May 6, 2019 at 1:08 PM Madison, Joseph <joseph_madison@fws.gov> wrote:

This is really rough, but take a look at this and let me know if you have comments/edits to this proposal for some very initial efforts in Louisiana.

Thanks,

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245

joseph_madison@fws.gov

----- Forwarded message -----

From: **Weller, Emily** <emily_weller@fws.gov>
Date: Mon, May 6, 2019 at 8:25 AM
Subject: Follow-up studies in LA
To: Madison, Joseph <joseph_madison@fws.gov>, Pete Benjamin <pete_benjamin@fws.gov>

Please see attached a write-up of what we would like to do in LA. Basically, it's the Draft LA Plan that Joe put together earlier this year.

Am I missing anything? Anything else we should include/request?

Once you two are good with this, I'll have Joe Ranson and Jeff review before sending to Aaron.

Thank you!
Em

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Emily Bizwell Weller
Captive Propagation and Release Coordinator
Regional Red Wolf Recovery Lead
Fish and Wildlife Service
200 Dulles Drive
Lafayette, LA 70506
337-291-3090
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--

Ryan Nordsven
Wildlife Biologist
US Fish & Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 x 244
Cell: (252) 475-8353

"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Mon May 06 2019 14:48:23 GMT-0600 (MDT)
To: "Weller, Emily" <emily_weller@fws.gov>
CC: Pete Benjamin <pete_benjamin@fws.gov>
Subject: Re: Follow-up studies in LA
Attachments: 20190502_Potential Follow up Research_LA_jm.docx

Emily,

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"Benjamin, Pete" <pete_benjamin@fws.gov>

From: "Benjamin, Pete" <pete_benjamin@fws.gov>
Sent: Tue May 07 2019 08:24:44 GMT-0600 (MDT)
To: "Madison, Joseph" <joseph_madison@fws.gov>
CC: "Weller, Emily" <emily_weller@fws.gov>

Subject:

Re: Follow-up studies in LA

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Pete Benjamin
Field Supervisor
Raleigh ES Field Office
U.S. Fish and Wildlife Service
551F Pylon Drive
Raleigh, NC 27606
Office: (919) 856-4520 x 11
Mobile: (919) 816-6408

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"Weller, Emily" <emily_weller@fws.gov>

From: "Weller, Emily" <emily_weller@fws.gov>
Sent: Tue May 07 2019 08:34:27 GMT-0600 (MDT)
To: "Benjamin, Pete" <pete_benjamin@fws.gov>
CC: "Madison, Joseph" <joseph_madison@fws.gov>
Subject: Re: Follow-up studies in LA

I agree, Pete. I've added in the "what is a red wolf" question to a 3rd page of things to consider prior to implementation of any follow-up studies. I'll beef that up with language from your email. Nuch has agreed to help pull together a team to answer that question...I just need to draft that white paper so we can move forward.

Thank you!

On Tue, May 7, 2019 at 9:24 AM Benjamin, Pete <pete_benjamin@fws.gov> wrote:

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"Olson, Shaun" <shaun_olson@fws.gov>

From: "Olson, Shaun" <shaun_olson@fws.gov>
Sent: Tue May 07 2019 14:55:01 GMT-0600 (MDT)
To: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
CC: "Madison, Joseph" <joseph_madison@fws.gov>, "Morse, Michael" <michael_l_morse@fws.gov>
Subject: Re: Follow-up studies in LA

Not that I expect to get very many animal, but will we need to order more PIT tags?

On Mon, May 6, 2019 at 4:07 PM Nordsven, Ryan <ryan_nordsven@fws.gov> wrote:

It looks pretty good to me Joe. More details can be ironed out when needed, but I think it covers most of the essentials for a preliminary course of action. We will have to make sure our SOPs are in order for trapping and animal handling and processing. Any approved trappers of course will need to follow appropriate protocols and use approved equipment. PIT tags might also be added to the process, especially for any potential canids released without collars. I guess that's all I have for now.

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joseph_madison@fws.gov

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From: **Weller, Emily** <emily_weller@fws.gov>

Date: Mon, May 6, 2019 at 8:25 AM

Subject: Follow-up studies in LA

To: Madison, Joseph <joseph_madison@fws.gov>, Pete Benjamin <pete_benjamin@fws.gov>

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Ryan Nordsven
Wildlife Biologist
US Fish & Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 x 244
Cell: (252) 475-8353

--

Shaun Olson
Biological Science Technician
Eastern North Carolina Ecological Services Sub-Office

U.S. Fish & Wildlife Service
P.O. Box 1969
Manteo, NC 27954
Phone: (252) 473-1132 ext. 241
Cell: (252) 475-8352
Email: shaun_olson@fws.gov

"We are a way for the Cosmos to know itself."

~ Carl Sagan

"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Wed May 08 2019 09:22:09 GMT-0600 (MDT)
To: "Benjamin, Pete" <pete_benjamin@fws.gov>
CC: "Weller, Emily" <emily_weller@fws.gov>
Subject: Re: Follow-up studies in LA

Pete,

I completely agree with you and it makes sense. When I was drafting this back in December and then editing it again this week I kind of had it in my head that this document was simply focused on the logistics, basics and protocols of the actual field work and the discussion and actions regarding defining what was a red wolf were a separate, but parallel effort that would feed into and inform this.

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From: "Weller, Emily" <emily_weller@fws.gov>
Sent: Wed May 08 2019 09:32:51 GMT-0600 (MDT)
To: "Madison, Joseph" <joseph_madison@fws.gov>
CC: "Benjamin, Pete" <pete_benjamin@fws.gov>
Subject: Re: Follow-up studies in LA

Agree. I've made some changes (mostly to format and flow and not the actual language) and added a "Considerations" section as supplementary information. As soon as I finalize, I will send it back to both of you.

Em

On Wed, May 8, 2019 at 10:22 AM Madison, Joseph <joseph_madison@fws.gov> wrote:
Pete,

I completely agree with you and it makes sense. When I was drafting this back in December and then editing it again this week I kind of had it in my head that this document was simply focused on the logistics, basics and protocols of the actual field work and the discussion and actions regarding defining what was a red wolf were a separate, but parallel effort that would feed into and inform this.

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Conversation Contents

Good Morning

"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Mon Nov 06 2017 08:30:08 GMT-0700 (MST)
To: Pete Benjamin <pete_benjamin@fws.gov>
Subject: Good Morning

Pete,

I hope you had a good weekend and successfully used your bullet.

After our discussions on Friday morning, I meant to circle back at the end to talk about the purchase of collars given the information discussed. I recognize nothing we talked about made the budgets any better, however many points of the discussion regarding the WRC proposal and the suggestions we were going to make to their proposal (e.g. not on the refuge, focus on zones of ignorance), along with the fact that it sounds like WRC will have the ability to purchase new GPS collars this year anyway makes it even more of a need for us to purchase VHF collars, particularly for the Milltail Pack.

It is a bit time sensitive because it can take up to 60 days to get the collars after ordered, which already puts us a little bit behind the curve regarding the optimum time to trap Milltail.

What do you think?

Thanks,

Joe Madison
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From: "Benjamin, Pete" <pete_benjamin@fws.gov>
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To: "Madison, Joseph" <joseph_madison@fws.gov>
Subject: Re: Good Morning

I say buy'em.

Pete Benjamin
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After our discussions on Friday morning, I meant to circle back at the end to talk about the purchase of collars given the information discussed. I recognize nothing we talked about made the budgets any better, however many points of the discussion regarding the WRC proposal and the suggestions we were going to make to their proposal (e.g. not on the refuge, focus on zones of ignorance), along with the fact that it sounds like WRC will have the ability to purchase new GPS collars this year anyway makes it even more of a need for us to purchase VHF collars, particularly for the Milltail Pack.

It is a bit time sensitive because it can take up to 60 days to get the collars after ordered, which already puts us a little bit behind the curve regarding the optimum time to trap Milltail.

What do you think?

Thanks,

Joe Madison
Assistant Field Supervisor
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Mon Nov 06 2017 08:38:47 GMT-0700 (MST)
To: Ryan Nordsven <ryan_nordsven@fws.gov>, "Morse, Michael" <michael_I_morse@fws.gov>, Shaun Olson <shaun_olson@fws.gov>
Subject: Fwd: Good Morning

FYI

Joe Madison
Assistant Field Supervisor
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

----- Forwarded message -----

From: **Benjamin, Pete** <pete_benjamin@fws.gov>
Date: Mon, Nov 6, 2017 at 10:35 AM
Subject: Re: Good Morning
To: "Madison, Joseph" <joseph_madison@fws.gov>

I say buy'em.

Pete Benjamin
Field Supervisor
Raleigh ES Field Office
U.S. Fish and Wildlife Service
[551F Pylon Drive](#)
[Raleigh, NC 27606](#)
Office: (919) 856-4520 x 11
Mobile: (919) 816-6408

NOTE: This email correspondence and any attachments to and from this sender are subject to the Freedom of Information Act (FOIA) and may be disclosed to third parties.

On Mon, Nov 6, 2017 at 10:30 AM, Madison, Joseph <joseph_madison@fws.gov> wrote:
Pete,

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Assistant Field Supervisor
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

"Morse, Michael" <michael_l_morse@fws.gov>

From: "Morse, Michael" <michael_l_morse@fws.gov>
Sent: Mon Nov 06 2017 08:39:40 GMT-0700 (MST)
To: "Madison, Joseph" <joseph_madison@fws.gov>
CC: Ryan Nordsven <ryan_nordsven@fws.gov>, Shaun Olson <shaun_olson@fws.gov>
Subject: Re: Good Morning

Awesome!

On Mon, Nov 6, 2017 at 10:38 AM, Madison, Joseph <joseph_madison@fws.gov> wrote:
FYI

Joe Madison
Assistant Field Supervisor
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

----- Forwarded message -----

From: **Benjamin, Pete** <pete_benjamin@fws.gov>
Date: Mon, Nov 6, 2017 at 10:35 AM
Subject: Re: Good Morning
To: "Madison, Joseph" <joseph_madison@fws.gov>

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Pete Benjamin
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100 Conservation Way
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Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

--

Michael L. Morse
Wildlife Biologist, USFWS
ENC ES Sub-Field Office
100 Conservation Way, PO Box 1969
Manteo, NC 27954
Work: (252) 473-1131, ext. 242
Cell#: **(252) 475-8350**

Label: "Mar 2019 FOIA/Trapping"

Created by: joseph_madison@fws.gov

Total Messages in label: 271 (48 conversations)

Created: 05-31-2019 at 11:47 AM

Conversation Contents

Active Collared Wolves End of 2017 and 2018

Attachments:

/6. Active Collared Wolves End of 2017 and 2018/3.1 population_estimate.xlsx

"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Wed May 01 2019 10:42:18 GMT-0600 (MDT)
To: "Morse, Michael" <michael_l_morse@fws.gov>, Ryan Nordsven <ryan_nordsven@fws.gov>
Subject: Active Collared Wolves End of 2017 and 2018

Guys,

I'm trying to get a set number on how many active radio collars on red wolves (aka known wolves) we had at the end of the calendar year for 2017 and 2018,

For the end of 2018, my spreadsheet from late October shows 21 active collars and there were no mortalities after that. However, four of those red wolves (2046 - Milltail, 1743 - Gator, 1965 - Ventures, 2195 - Beech Ridge) show as a lost signal on my first spreadsheet in 2019 at the end of January, so I wanting to know how many of those radio collared animals were lost before the end or the year so I can subtract them from the 21, and conversely how many radio collars do your end of the year flight sheets show, which in theory should give us the same number.

For the end of 2017, I think out best bet is for one of you to count them up from the flight sheet.

Thanks,

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

"Morse, Michael" <michael_l_morse@fws.gov>

From: "Morse, Michael" <michael_l_morse@fws.gov>
Sent: Thu May 02 2019 10:15:44 GMT-0600 (MDT)
To: "Madison, Joseph" <joseph_madison@fws.gov>

CC: Ryan Nordsven <ryan_nordsven@fws.gov>
Subject: Re: Active Collared Wolves End of 2017 and 2018

Joe,
My records show 21 wild, collared wolves at the end of 2017 and 21 wild, collared wolves at the end of 2018

On Wed, May 1, 2019 at 12:42 PM Madison, Joseph <joseph_madison@fws.gov> wrote:
Guys,

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Michael L. Morse
Wildlife Biologist, USFWS
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100 Conservation Way, PO Box 1969
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Cell#: **(252) 475-8350**

"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Fri May 03 2019 13:13:23 GMT-0600 (MDT)
Ryan Nordsven <ryan_nordsven@fws.gov>, Shaun Olson <shaun_olson@fws.gov>, "Morse, Michael" <michael_l_morse@fws.gov>
To:

Subject: Fwd: Active Collared Wolves End of 2017 and 2018
Attachments: population_estimate.xlsx

As I have mentioned to a few of you, I'm also trying to retroactively determine the end of the calendar year population estimate for 2017 and 2018 and although I know we've talked about it ad nauseam and always have had a general answer in mind and put into the NEPA and other RO requests, I don't have it really documented anywhere I could see as far as a systematic number at the end of the year. So if we could collectively rack our brains to come up with that, I would appreciate it and then we need to do a better job of tracking it into the future. I'm not looking to do the lengthy statistic population estimate like Becky was doing simply because I think the low population level current doesn't warrant it. Basically, I am looking to take the number of active collared red wolves at the end of the year, add in any known or suspected pups, add in any estimates of known uncollared red wolves we are seeing on cameras, and any other anomalies, with the result being a general range to cover the unknowns.

I think for 2017 instead of trying to recreate it I am going to use the numbers we put in the EA for the 10(j) revision, which is 30-35 individuals. At the time I used that number I felt like through conversations with all of you in the beginning months of 2018 we discussed what we knew of the population and had as good a handle on the 2017 population as possible and definitely a better handle than looking back now.

For 2018, I created this spreadsheet just to try and get some numbers down and track it. See what you think and add in any red wolves I may have overlooked and let's talk about it.

This may or very likely may not be the spreadsheet we want to use moving forward for tracking the population, but I would like to have something on the google drive for each pack/area to input information when we know/suspect pups are born or see an uncollared individual or there is a mortality or whatever information we get that can inform our population estimate

Thanks,

Joe Madison
Red Wolf Recovery Program
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100 Conservation Way
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Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

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From: **Madison, Joseph** <joseph_madison@fws.gov>
Date: Wed, May 1, 2019 at 12:42 PM
Subject: Active Collared Wolves End of 2017 and 2018
To: Morse, Michael <michael_l_morse@fws.gov>, Ryan Nordsven <ryan_nordsven@fws.gov>

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100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

"Nordsven, Ryan" <ryan_nordsven@fws.gov>

From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Sent: Tue May 07 2019 11:59:53 GMT-0600 (MDT)
To: "Madison, Joseph" <joseph_madison@fws.gov>
CC: Shaun Olson <shaun_olson@fws.gov>, "Morse, Michael" <michael_l_morse@fws.gov>
Subject: Re: Active Collared Wolves End of 2017 and 2018

Just for discussion I'll go through the packs one by one

At the end of the year 2018:

Milltail - spreadsheet looks good. 12046M was lost to contact in Oct 2018 and we have seen no further evidence (camera or otherwise) that he is still around. At some point if we can't verify we may have to stop including him but I think he can still be included here since it was only a couple months after his collar quit.

Northern - The breeding pair were the only two known animals around at the end of the calendar year. Three uncollared animals believed to be wolves were caught on camera in October. One of those (12280F) was captured and collared during trapping season 2019, so she should obviously be included. The others have not been seen since. So early in 2018 (April) there were four pups born and three uncollared animals along with the breeding pair, making 9 total wolves. I'm not sure how many of those nine to include for the end of the year tally, since none of the 4 pups or 2 of the uncollared 'juveniles' have been seen since.

Ventures/Floyd - At some point, we may not be able to include 11965F in our total, since she was lost to contact in January 2019, but she was still around at the end of the year 2018. There may have been reproduction there the last couple years but nothing has been verified, so the spreadsheet numbers look good.

Beech Ridge - At some point, we may not be able to include 12195F in our total, since she was lost to contact in January 2019, but she was still around at the end of the year 2018. There was a litter (change number to unknown) that likely did not survive. Other than that I have a 2019

trail camera photo of the breeding male with a female but there is no way to determine genetics or if she was around at the end of 2018, so the spreadsheet looks good as is.

West Milltail - good

Pungo - good

Kilkenny - good

Gator - saw distinctive tracks from 11743F in 2019 so the spreadsheet is good

Columbia - have 2019 trail camera footage of one (maybe two) wolf like canids but genetics not confirmed and no way to know if they were there at the end of 2018

In summary, the numbers on the spreadsheet look accurate to me with the possible exception of Northern. I'm not sure if the 4 pups can be included since we never saw them again on camera or otherwise. I guess if we were to do a population range they would be omitted for the low end, and included along with the other two uncollared canids for the high end, so the Northern pack population range for 2018 would be 3 to 9. We will also have to at some point determine how long to keep animals in the population range after we have lost track of them.

I agree we should put this spreadsheet or a similar one on the Google drive or database somewhere so it is interactive and we can add to it as we see or confirm animals.

On Fri, May 3, 2019 at 3:13 PM Madison, Joseph <joseph_madison@fws.gov> wrote:

As I have mentioned to a few of you, I'm also trying to retroactively determine the end of the calendar year population estimate for 2017 and 2018 and although I know we've talked about it ad nauseam and always have had a general answer in mind and put into the NEPA and other RO requests, I don't have it really documented anywhere I could see as far as a systematic number at the end of the year. So if we could collectively rack our brains to come up with that, I would appreciate it and then we need to do a better job of tracking it into the future. I'm not looking to do the lengthy statistic population estimate like Becky was doing simply because I think the low population level current doesn't warrant it. Basically, I am looking to take the number of active collared red wolves at the end of the year, add in any known or suspected pups, add in any estimates of known uncollared red wolves we are seeing on cameras, and any other anomalies, with the result being a general range to cover the unknowns.

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Joe Madison
Red Wolf Recovery Program
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Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

----- Forwarded message -----

From: **Madison, Joseph** <joseph_madison@fws.gov>
Date: Wed, May 1, 2019 at 12:42 PM
Subject: Active Collared Wolves End of 2017 and 2018
To: Morse, Michael <michael_l_morse@fws.gov>, Ryan Nordsven
<ryan_nordsven@fws.gov>

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100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

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Ryan Nordsven
Wildlife Biologist
US Fish & Wildlife Service
100 Conservation Way
Manteo, NC 27954

Office: (252) 473-1132 x 244
Cell: (252) 475-8353

Label: "Mar 2019 FOIA/WRC Study"

Created by: joseph_madison@fws.gov

Total Messages in label: 102 (19 conversations)

Created: 05-31-2019 at 12:36 PM

Conversation Contents

Fwd: [EXTERNAL] GPS Stationary Study Site at ARNWR

Attachments:

/6. Fwd: [EXTERNAL] GPS Stationary Study Site at ARNWR/1.1 image001.png
/6. Fwd: [EXTERNAL] GPS Stationary Study Site at ARNWR/1.2 image002.png
/6. Fwd: [EXTERNAL] GPS Stationary Study Site at ARNWR/1.3 image003.png
/6. Fwd: [EXTERNAL] GPS Stationary Study Site at ARNWR/1.4 image004.png
/6. Fwd: [EXTERNAL] GPS Stationary Study Site at ARNWR/2.1 image001.png
/6. Fwd: [EXTERNAL] GPS Stationary Study Site at ARNWR/2.2 image002.png
/6. Fwd: [EXTERNAL] GPS Stationary Study Site at ARNWR/2.3 image003.png
/6. Fwd: [EXTERNAL] GPS Stationary Study Site at ARNWR/2.4 image004.png
/6. Fwd: [EXTERNAL] GPS Stationary Study Site at ARNWR/4.1 image001.png
/6. Fwd: [EXTERNAL] GPS Stationary Study Site at ARNWR/4.2 image002.png
/6. Fwd: [EXTERNAL] GPS Stationary Study Site at ARNWR/4.3 image003.png
/6. Fwd: [EXTERNAL] GPS Stationary Study Site at ARNWR/4.4 image004.png
/6. Fwd: [EXTERNAL] GPS Stationary Study Site at ARNWR/5.1 image001.png
/6. Fwd: [EXTERNAL] GPS Stationary Study Site at ARNWR/5.2 image002.png
/6. Fwd: [EXTERNAL] GPS Stationary Study Site at ARNWR/5.3 image003.png
/6. Fwd: [EXTERNAL] GPS Stationary Study Site at ARNWR/5.4 image004.png
/6. Fwd: [EXTERNAL] GPS Stationary Study Site at ARNWR/5.5 3-1383-R-2017.pdf
/6. Fwd: [EXTERNAL] GPS Stationary Study Site at ARNWR/5.6
Research_Proposal_Guidelines.pdf
/6. Fwd: [EXTERNAL] GPS Stationary Study Site at ARNWR/6.1 image001.png
/6. Fwd: [EXTERNAL] GPS Stationary Study Site at ARNWR/6.2 image002.png
/6. Fwd: [EXTERNAL] GPS Stationary Study Site at ARNWR/6.3 image003.png
/6. Fwd: [EXTERNAL] GPS Stationary Study Site at ARNWR/6.4 image004.png

"Martin, Rebekah" <rebekah_p_martin@fws.gov>

From: "Martin, Rebekah" <rebekah_p_martin@fws.gov>
Sent: Fri Mar 15 2019 07:38:13 GMT-0600 (MDT)
To: Joseph Madison <joseph_madison@fws.gov>, Scott Lanier <Scott_Lanier@fws.gov>, "Harrison, Rebecca" <rebecca_harrison@fws.gov>
Subject: Fwd: [EXTERNAL] GPS Stationary Study Site at ARNWR
Attachments: image001.png image002.png image003.png image004.png

FYI. Ultimately, this requires a research Special Use Permit, which I think we have clearly communicated to Andrea in the past. Their requested tight timeline hits us at a point where Becky is out at meetings today and Scott and I leave Monday for travel through Thursday. I'll respond to Andrea today; if you have thoughts or comments, let me know. Unless I hear otherwise, my response will be along the lines of this requiring a SUP and that the timeline is unrealistic given our schedules.

Rebekah

Rebekah

[Rebekah P. Martin](#)

North Carolina Coastal NWR Complex
100 Conservation Way
P.O. Box 1969
Manteo, NC 27954
o: 252.473.1132 x222
c: 252.414.1877
<https://www.wingsoverwater.org/>

----- Forwarded message -----

From: **Shipley, Andrea J** <andrea.shipley@ncwildlife.org>
Date: Fri, Mar 15, 2019 at 9:01 AM
Subject: [EXTERNAL] GPS Stationary Study Site at ARNWR
To: Rebekah Martin <rebekah_p_martin@fws.gov>
Cc: McAlister, John W <john.mcalister@ncwildlife.org>, Schweitzer, Sara H <sara.schweitzer@ncwildlife.org>

Hi Rebekah,

I've got an unusual request to ask of you: we have a GPS stationary study running concurrently with our canid project, to test the efficacy and performance of our GPS collars and sensors. We're specifically looking at vegetation components effects on performance. Worth McAlister, our Canid Biologist, is running this project and is in need of a site ASAP (next week) to deploy a set of collars. We have no sites in Dare county currently, but ARNWR would be a great site since it has all of the vegetation components that we're testing within it's borders.

If you need any additional details, Worth will be able to supply them – I've CC'd him on this email.

Hope all is well,

Andrea

Andrea J. Shipley
Mammalogist, Wildlife Diversity Program

NC Wildlife Resources Commission
Mailing Address: PO Box 209
Castalia, North Carolina 27816
office: 919-495-4001
mobile: 919-208-9200

ncwildlife.org



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"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Fri Mar 15 2019 10:08:46 GMT-0600 (MDT)

To: Shaun Olson <shaun_olson@fws.gov>, Ryan Nordsven <ryan_nordsven@fws.gov>, "Morse, Michael" <michael_l_morse@fws.gov>
Subject: Fwd: [EXTERNAL] GPS Stationary Study Site at ARNWR
Attachments: image001.png image002.png image003.png image004.png

Check out this interesting request from WRC straight to refuges and the crazy fast timeline they requested it. Probably needless to say, but Refuges response will be that they have to fill out an extensive research permit and that it takes a long time for that to get through the process. But if they submit it maybe we'll learn more about what they actually want to do, especially on the refuge.

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

----- Forwarded message -----

From: **Shipley, Andrea J** <andrea.shipley@ncwildlife.org>
Date: Fri, Mar 15, 2019 at 9:01 AM
Subject: [EXTERNAL] GPS Stationary Study Site at ARNWR
To: Rebekah Martin <rebekah_p_martin@fws.gov>
Cc: McAlister, John W <john.mcalister@ncwildlife.org>, Schweitzer, Sara H <sara.schweitzer@ncwildlife.org>

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fb ico	twi ico	ins ico	yo ico
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Michael Morse <michael_l_morse@fws.gov>

From: Michael Morse <michael_l_morse@fws.gov>
Sent: Fri Mar 15 2019 12:45:59 GMT-0600 (MDT)
To: "Madison, Joseph" <joseph_madison@fws.gov>
CC: Shaun Olson <shaun_olson@fws.gov>, Ryan Nordsven <ryan_nordsven@fws.gov>
Subject: Re: [EXTERNAL] GPS Stationary Study Site at ARNWR

Well that's more than a bit presumptuous...

Sent from my iPhone

On Mar 15, 2019, at 12:08 PM, Madison, Joseph <joseph_madison@fws.gov> wrote:

Check out this interesting request from WRC straight to refuges and the crazy fast timeline they requested it. Probably needless to say, but Refuges response will be that they have to fill out an extensive research permit and that it takes a long time for that to get through the process. But if they submit it maybe we'll learn more about what they actually want to do, especially on the refuge.

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

----- Forwarded message -----

From: Shipley, Andrea J <andrea.shipley@ncwildlife.org>
Date: Fri, Mar 15, 2019 at 9:01 AM
Subject: [EXTERNAL] GPS Stationary Study Site at ARNWR
To: Rebekah Martin <rebekah_p_martin@fws.gov>
Cc: McAlister, John W <john.mcalister@ncwildlife.org>, Schweitzer, Sara H <sara.schweitzer@ncwildlife.org>

Hi Rebekah,

I've got an unusual request to ask of you: we have a GPS stationary study running concurrently with our canid project, to test the efficacy and performance of our GPS collars and sensors. We're specifically looking at vegetation components effects on performance. Worth McAlister, our Canid Biologist, is running this project and is in need of a site ASAP (next week) to deploy a set of collars. We have no sites in Dare county currently, but ARNWR would be a great site since it has all of the vegetation components that we're testing within it's borders.

If you need any additional details, Worth will be able to supply them – I've CC'd him on this email.

Hope all is well,

Andrea

Andrea J. Shipley
Mammalogist, Wildlife Diversity Program

NC Wildlife Resources Commission
Mailing Address: PO Box 209
Castalia, North Carolina 27816
office: 919-495-4001
mobile: 919-208-9200

ncwildlife.org

<image001.png><image002.png><image003.png><image004.png>

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"Martin, Rebekah" <rebekah_p_martin@fws.gov>

From: "Martin, Rebekah" <rebekah_p_martin@fws.gov>
Sent: Fri Mar 15 2019 14:48:57 GMT-0600 (MDT)
To: "Shipley, Andrea J" <andrea.shipley@ncwildlife.org>
"McAlister, John W" <john.mcalister@ncwildlife.org>, "Schweitzer, Sara H" <sara.schweitzer@ncwildlife.org>, "Harrison, Rebecca" <rebecca_harrison@fws.gov>, Scott Lanier <Scott_Lanier@fws.gov>, Kelley Van Druten <kelley_vandruten@fws.gov>, Joseph Madison <joseph_madison@fws.gov>
CC:
Subject: Re: [EXTERNAL] GPS Stationary Study Site at ARNWR
Attachments: image001.png image002.png image003.png image004.png

Hi Andrea,

Thank you for your note; I have copied on my reply here a number of folks here who play a role in authorizing research on the refuge. To authorize research activities on the refuge, we have to issue a special use permit. Here is the link to the application for a special use permit for research: <https://www.fws.gov/forms/3-1383-R.pdf>. We also have a research proposal template that accompanies research SUP applications. Becky has been at a professional meeting all day today, but will be able to send that template when she is back in the office next week and will serve as our lead for coordinating among our folks once she has the application and proposal. Most of our management team will be away next week at a meeting so may be delayed in responding to email.

Have a great weekend,

Rebekah

Rebekah P. Martin
North Carolina Coastal NWR Complex
100 Conservation Way
P.O. Box 1969
Manteo, NC 27954
o: 252.473.1132 x222
c: 252.414.1877
<https://www.wingsoverwater.org/>

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"Harrison, Rebecca" <rebecca_harrison@fws.gov>

From: "Harrison, Rebecca" <rebecca_harrison@fws.gov>
Sent: Mon Mar 18 2019 05:04:42 GMT-0600 (MDT)
To: "Shipley, Andrea J" <andrea.shipley@ncwildlife.org>
"McAlister, John W" <john.mcalister@ncwildlife.org>, "Schweitzer, Sara H" <sara.schweitzer@ncwildlife.org>, Scott Lanier

CC: <Scott_Lanier@fws.gov>, Kelley Van Druten
<kelley_vandruuten@fws.gov>, Joseph Madison
<joseph_madison@fws.gov>, "Martin, Rebekah"
<rebekah_p_martin@fws.gov>
Subject: Re: [EXTERNAL] GPS Stationary Study Site at ARNWR
Attachments: image001.png image002.png image003.png image004.png 3-1383-R-2017.pdf Research_Proposal_Guidelines.pdf

Hi Andrea,

Here's the research proposal template that Rebekah mentioned. Some of the sections in the proposal template and permit application may be not applicable--just marked as much when needed. If you could please attach any other existing permits to the application package, I'll try to process as soon as possible. I'm in the field most of today and Wednesday, but please call my cell (252.423.1839) if you have any questions.

Thanks,
Becky

Becky Bartel Harrison, Phd
Supervisory Wildlife Biologist
Alligator River & Pea Island National Wildlife Refuges
U.S. Fish & Wildlife Service
P.O. Box 1969
Manteo, NC 27954
(252) 473-1132 ext. 231
rebecca_harrison@fws.gov

On Fri, Mar 15, 2019 at 4:49 PM Martin, Rebekah <rebekah_p_martin@fws.gov> wrote:

Hi Andrea,

Thank you for your note; I have copied on my reply here a number of folks here who play a role in authorizing research on the refuge. To authorize research activities on the refuge, we have to issue a special use permit. Here is the link to the application for a special use permit for research: <https://www.fws.gov/forms/3-1383-R.pdf>. We also have a research proposal template that accompanies research SUP applications. Becky has been at a professional meeting all day today, but will be able to send that template when she is back in the office next week and will serve as our lead for coordinating among our folks once she has the application and proposal. Most of our management team will be away next week at a meeting so may be delayed in responding to email.

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<https://www.wingsoverwater.org/>

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Hope all is well,

Andrea

Andrea J. Shipley

Mammalogist, Wildlife Diversity Program

NC Wildlife Resources Commission

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Castalia, North Carolina 27816
office: 919-495-4001
mobile: 919-208-9200

ncwildlife.org



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"Shipley, Andrea J" <andrea.shipley@ncwildlife.org>

From: "Shipley, Andrea J" <andrea.shipley@ncwildlife.org>
Sent: Mon Mar 18 2019 08:17:48 GMT-0600 (MDT)
To: "Harrison, Rebecca" <rebecca_harrison@fws.gov>
"McAlister, John W" <john.mcalister@ncwildlife.org>, "Schweitzer, Sara H" <sara.schweitzer@ncwildlife.org>, Scott Lanier <Scott_Lanier@fws.gov>, Kelley Van Druten <kelley_vandruten@fws.gov>, Joseph Madison <joseph_madison@fws.gov>, "Martin, Rebekah" <rebekah_p_martin@fws.gov>
CC:
Subject: RE: [EXTERNAL] GPS Stationary Study Site at ARNWR
Attachments: image001.png image002.png image003.png image004.png

Hi Becky,

Thank you very much for sending this paperwork over. I will keep in on file for future permit requests!

After speaking with Sara on Friday, it sounds like the permit process will end up exceeding our timeline for the task. No worries there, we had a backup plan, but I will keep this in mind for future requests.

Thanks again to both you and Rebekah for the invaluable information.

Best,

Andrea

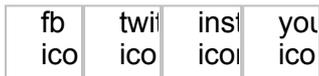
Andrea J. Shipley

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From: Harrison, Rebecca <rebecca_harrison@fws.gov>

Sent: Monday, March 18, 2019 7:05 AM

To: Shipley, Andrea J <andrea.shipley@ncwildlife.org>

Cc: McAlister, John W <john.mcalister@ncwildlife.org>; Schweitzer, Sara H <sara.schweitzer@ncwildlife.org>; Scott Lanier <Scott_Lanier@fws.gov>; Kelley Van Druten <kelley_vandruten@fws.gov>; Joseph Madison <joseph_madison@fws.gov>; Martin, Rebekah <rebekah_p_martin@fws.gov>

Subject: Re: [EXTERNAL] GPS Stationary Study Site at ARNWR

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

Hi Andrea,

Here's the research proposal template that Rebekah mentioned. Some of the sections in the proposal template and permit application may be not applicable--just marked as much when needed. If you could please attach any other existing permits to the application package, I'll try to process as soon as possible. I'm in the field most of today and Wednesday, but please call my cell (252.423.1839) if you have any questions.

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Becky

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Wildlife
Biologist
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31
rebecca_harrison@fws.gov

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Hope all is well,

Andrea

Andrea J. Shipley
Mammalogist, Wildlife Diversity Program

NC Wildlife Resources Commission
Mailing Address: PO Box 209
Castalia, North Carolina 27816
office: 919-495-4001
mobile: 919-208-9200

ncwildlife.org

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Conversation Contents

Comments on NCWRC Proposal

Attachments:

- 17. Comments on NCWRC Proposal/1.1 NCWRC Proposal_Consolidated.docx*
- 17. Comments on NCWRC Proposal/1.2 NCWRC Consolidated Comments.docx*
- 17. Comments on NCWRC Proposal/1.3 NCWRC Proposal - Art.docx*

"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Fri Oct 20 2017 13:23:14 GMT-0600 (MDT)
To: Pete Benjamin <pete_benjamin@fws.gov>
CC: Ryan Nordsven <ryan_nordsven@fws.gov>, Shaun Olson <shaun_olson@fws.gov>, "Morse, Michael" <michael_l_morse@fws.gov>
Subject: Comments on NCWRC Proposal
Attachments: NCWRC Proposal_Consolidated.docx NCWRC Consolidated Comments.docx NCWRC Proposal - Art.docx

Pete,

I'm not even sure where to start with the issues regarding this proposal and the concerns raised by every individual that has reviewed it.

Although we fully recognize there can be value in working collaboratively with the state on the management of canids on the AP and the 2013 FWS memo says as much, this proposal raises a myriad of concerns in several areas, including what the real intent is of what they are proposing. There doesn't appear to be any benefit to the conservation of the species by this proposal.

The proposal as submitted has us worried from a red wolf management standpoint if it gets implemented in any way that resembles what is currently written. David Cobb's comments regarding our involvement and less of a need to have Michael and Ryan at the meeting as the #1 agenda item raised that concern even more. We are not trying to be overly worried about working together or territorial, but this reads as a step towards NCWRC taking over management of the red wolves, including on Federal lands, which is causing consternation and angst for us and refuges. Particularly given the states official stance on eliminating red wolves from the state and declaring them extinct.

One logistical concern that needs to be addressed sooner than later, if it is not too late from an ordering standpoint, is that the current GPS collars the state has and that we have put on two wolves have VHF in the 150-151 MHz range, while all of our collars are in the 164-165 MHz. So currently we are not able to track the two GPS collared wolves from the air during our flights, which is not ideal. If they continue to use GPS collars on a much larger number of red wolves with a different VHF frequency range, it will become much more problematic to monitor them from the air, in particular, but also in the field since it would require two different sets of receivers and antennas.

Attached is a consolidation of comments from the Manteo ES office. The document is a bit busy because of the extensive comments, which in and of itself is telling, so if you want to see the individual comments, just let me know. There is a separate word document that contains some of the more narrative or general comments. I also just received Art's comments so I attached those separately since he obviously has valuable insight as well.

I am of course interested to see what of this information is shared with NCWRC, either in the form of a written response before the meeting, if that is what you are planning, or in at the meeting itself.

Thanks,

Joe Madison
Assistant Field Supervisor
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

"Morse, Michael" <michael_I_morse@fws.gov>

From: "Morse, Michael" <michael_I_morse@fws.gov>
Sent: Fri Oct 20 2017 16:44:36 GMT-0600 (MDT)
To: "Madison, Joseph" <joseph_madison@fws.gov>
Subject: Re: Comments on NCWRC Proposal

Hi Joe, I should have used google doc to edit/comment. Sorry! I think most of what needed to be said is covered in the comments you sent to Pete. Who knows what he is already thinking. I'll see you Monday. Thanks,

On Fri, Oct 20, 2017 at 3:23 PM, Madison, Joseph <joseph_madison@fws.gov> wrote:
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U.S. Fish and Wildlife Service
100 Conservation Way
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Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

--

Michael L. Morse
Wildlife Biologist, USFWS
ENC ES Sub-Field Office
100 Conservation Way, PO Box 1969
Manteo, NC 27954
Work: (252) 473-1131, ext. 242
Cell#: (252) 475-8350

Joseph Madison <joseph_madison@fws.gov>

From: Joseph Madison <joseph_madison@fws.gov>
Sent: Fri Oct 20 2017 16:48:46 GMT-0600 (MDT)
To: "Morse, Michael" <michael_l_morse@fws.gov>
Subject: Re: Comments on NCWRC Proposal

Wait, your email seems to say you think your comments weren't included. They all were.

The way you did it was perfectly fine. I went through them individually and combined them. Yours are noted as Morse.

Sent from my iPhone

On Oct 20, 2017, at 6:44 PM, Morse, Michael <michael_l_morse@fws.gov> wrote:

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Cell#: (252) 475-8350

"Morse, Michael" <michael_l_morse@fws.gov>

From: "Morse, Michael" <michael_l_morse@fws.gov>
Sent: Sat Oct 21 2017 10:21:32 GMT-0600 (MDT)
To: Joseph Madison <joseph_madison@fws.gov>
Subject: Re: Comments on NCWRC Proposal

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Label: "Mar 2019 FOIA/WRC Study"

Created by: joseph_madison@fws.gov

Total Messages in label: 102 (19 conversations)

Created: 05-31-2019 at 12:37 PM

Conversation Contents

Fwd: [EXTERNAL] Invite to NCWRC District 1 annual Division meeting, 3/28/19

Attachments:

/7. Fwd: [EXTERNAL] Invite to NCWRC District 1 annual Division meeting, 3/28/19/1.1 image001.jpg

/7. Fwd: [EXTERNAL] Invite to NCWRC District 1 annual Division meeting, 3/28/19/1.2 image002.jpg

/7. Fwd: [EXTERNAL] Invite to NCWRC District 1 annual Division meeting, 3/28/19/1.3 image003.jpg

/7. Fwd: [EXTERNAL] Invite to NCWRC District 1 annual Division meeting, 3/28/19/1.4 image004.jpg

"Nordsven, Ryan" <ryan_nordsven@fws.gov>

From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Sent: Fri Mar 08 2019 12:01:55 GMT-0700 (MST)
To: Joseph Madison <joseph_madison@fws.gov>
Subject: Fwd: [EXTERNAL] Invite to NCWRC District 1 annual Division meeting, 3/28/19
Attachments: image001.jpg image002.jpg image003.jpg image004.jpg

This is the NCWRC meeting I was referring to. It is being held on 3/28 so it does conflict with the chemical immobilization training.

----- Forwarded message -----

From: **Turner, James C** <chris.turner@ncwildlife.org>
Date: Thu, Feb 21, 2019 at 10:12 PM
Subject: [EXTERNAL] Invite to NCWRC District 1 annual Division meeting, 3/28/19
To: Nordsven, Ryan <ryan_nordsven@fws.gov>

Hey Ryan- please let Michael M. know as well, didn't have his email.

Captain Mark Rich wanted to extend to you the invitation to attend the annual WRC all-division meeting scheduled for 28 March at the Eastern 4H Center—see all details below, with highlights. It's a great opportunity to make introductions, meet new personnel, and hear some activity updates (...and to eat!). Please RSVP to Captain Rich for meal by 13 March. Hope to see you there!

Good Afternoon,

Hope this email finds you and yours well!

It is the time of year again for us to plan and hold our annual meeting of all Divisions of the WRC here in District One. I have heard from many who have attended in the past years and I believe this meeting has been informative and enjoyed by all members of our Agency. I would like to facilitate another meeting of this kind on Thursday 28 March 2019 at the Eastern 4-H Center outside Columbia. Once again this would be an informal meeting for us to see what our other Divisions and partners are doing to accomplish our shared mission.

Just in the Law Enforcement Division we have six new employees, this would allow them and other newer employees to see who is working where while highlighting any opportunities and issues for us to work together. Like in previous meetings we would like a representative of each Division / work unit to give a brief (15 minute) talk, presentation, PowerPoint, or whatever you want for the other members of our Agency to see what you have been doing over the last year and planning in the year to come.

I would like to begin this meeting mid-morning (0900) and then have lunch at the Eastern 4-H Center at 1230. Lunch would be prepared and served by the 4-H Center as in years past. The cost for lunch will be \$11.00 per person which includes fried chicken, all the fixings, drinks and desert. I will need confirmation from you on the number of employees you plan to have for lunch by Wednesday 13 March so I will be able to give a number to the 4-H Center on the number attending to eat, all of the Law Enforcement Division will be eating lunch and would like for you to join us!

The reason for this date; the District One Youth Hunter Education Skills Tournament is Saturday 30 March at the Eastern 4-H Center. The Northern Coastal Hunter Education Coordinator and all the Law Enforcement Officers will be at the 4-H Center for tournament setup on Thursday 28 March, so makes sense to have this meeting then. You or any employee has an open invitation to assist with the set up and / or the tournament itself!

I have sent this to you as a representative for your Division, if there is another person or others you believe would like to attend please pass this on. Check your calendars and let me know, we are looking forward to another great meeting and catch up.

Thank you in advance for your time, look forward to seeing you on Thursday March 28th!

Mark

Mark R. Rich

Captain // Law Enforcement Division

District One

NC Wildlife Resources Commission

Mailing Address: 1717 Mail Service Center

Raleigh, North Carolina 27699-1717

cell: 919-302-5847

ncwildlife.org

Sincerely,

J. Chris Turner,

Coastal Regional Wildlife Biologist

District 1

North Carolina Wildlife Resources Commission

Division of Wildlife Management

office: 252-221-9961

ncwildlife.org

C C C C

Email correspondence to and from this sender is subject to the N.C. Public Records Law and may be disclosed to third parties.

--
Ryan Nordsven
Wildlife Biologist
US Fish & Wildlife Service
100 Conservation Way

Manteo, NC 27954
Office: (252) 473-1132 x 244
Cell: (252) 475-8353

Label: "Mar 2019 FOIA/Trapping"

Created by: joseph_madison@fws.gov

Total Messages in label: 271 (48 conversations)

Created: 05-31-2019 at 11:47 AM

Conversation Contents

Media inquiry on red wolf trapping/killing in Beaufort co

"Kloer, Philip" <philip_kloer@fws.gov>

From: "Kloer, Philip" <philip_kloer@fws.gov>
Sent: Fri Mar 29 2019 06:19:52 GMT-0600 (MDT)
To: Joseph Madison <joseph_madison@fws.gov>
Subject: Media inquiry on red wolf trapping/killing in Beaufort co

Joe: This reporter was asking several things we worked on, but Emily tells me you are the one to know about figures on trappings and killings.

Do we keep the figures he is requesting?

Can we release them?

Thanks.

On Thu, Mar 28, 2019 at 2:08 PM Matthew Debnam

<matthew.debnam@thewashingtondailynews.com> wrote:

Hello Laury,

I am a reporter with the Washington Daily News in Beaufort County, NC. I was referred your way by Emily Weller, with the Red Wolf rehabilitation program. She mentioned that your office might be releasing a statement on the study regarding the species designation of red wolves and how that could guide future management. I am also curious to learn if there are any plans to reintroduce additional red wolves into management areas on the Albemarle peninsula.

On a separate note, I am also trying to track down some information on any recent trapping/killing of red wolves/red-wolf coyote hybrids here in Beaufort County. I'm not sure what the Service's policy is on record keeping in that regards, but if there are records for that type of activity, I would like to request them. Thanks in advance for any help you can render.

Phil Kloer

Public Affairs Specialist

U.S. Fish and Wildlife Service

Southeast Region

Atlanta, GA

404-679-7299 (office)

404-644-7193 (mobile)

"When wildlife wins, people win."

"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Fri Mar 29 2019 13:21:55 GMT-0600 (MDT)
To: "Kloer, Philip" <philip_kloer@fws.gov>
Subject: Re: Media inquiry on red wolf trapping/killing in Beaufort co

It has been our practice since 2000 to remove hybrids from the landscape when they are encountered. There has been no recent FWS trapping of canids or removal of hybrids in Beaufort County.

The question about any plans to reintroduce additional red wolves into management areas on the Albemarle should be answered with the answer that went to that same type of question for the recent congressional inquiry that Kristen was working on responding to.

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

On Fri, Mar 29, 2019 at 8:20 AM Kloer, Philip <philip_kloer@fws.gov> wrote:

Joe: This reporter was asking several things we worked on, but Emily tells me you are the one to know about figures on trappings and killings.

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Can we release them?

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Phil Kloer
Public Affairs Specialist
U.S. Fish and Wildlife Service
Southeast Region
Atlanta, GA
404-679-7299 (office)
404-644-7193 (mobile)

"When wildlife wins, people win."

"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Fri Apr 05 2019 08:47:52 GMT-0600 (MDT)
To: "Kloer, Philip" <philip_kloer@fws.gov>
Subject: Re: Media inquiry on red wolf trapping/killing in Beaufort co

Phil,

I got another call from this same reporter yesterday afternoon in a voicemail. He said he had follow up questions. As a refresher, his name is Matt Debnam and he works for the Washington Daily News out of Washington, NC.

I didn't want to respond directly to him because I didn't know what responses you sent him or how you left it with him.

Thanks,

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

On Fri, Mar 29, 2019 at 3:21 PM Madison, Joseph <joseph_madison@fws.gov> wrote:

It has been our practice since 2000 to remove hybrids from the landscape when they are encountered. There has been no recent FWS trapping of canids or removal of hybrids in Beaufort County.

The question about any plans to reintroduce additional red wolves into management areas on the Albemarle should be answered with the answer that went to that same type of question for the recent congressional inquiry that Kristen was working on responding to.

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Manteo, NC 27954
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joseph_madison@fws.gov

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Joe: This reporter was asking several things we worked on, but Emily tells me you are the one to know about figures on trappings and killings.

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Can we release them?

Thanks.

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Phil Kloer
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404-679-7299 (office)
404-644-7193 (mobile)

"When wildlife wins, people win."

"Kloer, Philip" <philip_kloer@fws.gov>

From: "Kloer, Philip" <philip_kloer@fws.gov>
Sent: Fri Apr 05 2019 08:52:20 GMT-0600 (MDT)
To: "Madison, Joseph" <joseph_madison@fws.gov>
Subject: Re: Media inquiry on red wolf trapping/killing in Beaufort co

I dropped the ball and did not close the loop with him on your answer about trappings and killings. You can share that basic info with him. No one is talking about red wolf management big picture now, however. It is difficult to draw a line between questions about what we do now (which is OK to talk about) and where the program is headed (which is not OK).

Phil Kloer
Public Affairs Specialist
U.S. Fish and Wildlife Service
Southeast Region
Atlanta, GA
404-679-7299 (office)
404-644-7193 (mobile)

"When wildlife wins, people win."

On Fri, Apr 5, 2019 at 10:48 AM Madison, Joseph <joseph_madison@fws.gov> wrote:
Phil,

I got another call from this same reporter yesterday afternoon in a voicemail. He said he had follow up questions. As a refresher, his name is Matt Debnam and he works for the Washington Daily News out of Washington, NC.

I didn't want to respond directly to him because I didn't know what responses you sent him or how you left it with him.

Thanks,

Joe Madison
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Assistant Field Supervisor for
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954

Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

On Fri, Mar 29, 2019 at 3:21 PM Madison, Joseph <joseph_madison@fws.gov> wrote:
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The question about any plans to reintroduce additional red wolves into management areas on the Albemarle should be answered with the answer that went to that same type of question for the recent congressional inquiry that Kristen was working on responding to.

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joseph_madison@fws.gov

On Fri, Mar 29, 2019 at 8:20 AM Kloer, Philip <philip_kloer@fws.gov> wrote:
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<matthew.debnam@thewashingtondailynews.com> wrote:

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404-679-7299 (office)
404-644-7193 (mobile)

"When wildlife wins, people win."

"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Fri Apr 05 2019 12:58:23 GMT-0600 (MDT)
To: matthew.debnam@thewashingtondailynews.com
Subject: Fwd: Media inquiry on red wolf trapping/killing in Beaufort co

Mr. Debnam,

I apologize for the delay in responding. It was my understanding our Public Affairs Office had been in touch with you, but it sounds like that it is not the case. Here are the general answers to your questions.

It has been our practice since 2000 to remove hybrids from the landscape when they are encountered within the 5 county Eastern North Carolina non-essential experimental population (NEP) area inhabited by red wolves. There has been no recent U.S. Fish and Wildlife Service trapping of canids or removal of hybrids in Beaufort County.

Regarding plans to release additional red wolves in the AP, there have been no releases of red wolves into the wild since 2013. The management of red wolves in eastern North Carolina, including any potential releases, is under review in light of a federal court ruling issued in November 2018 in the Eastern District of North Carolina. This review will provide the Service the opportunity to fully evaluate the implications of the court decision as we consider management of red wolves in the state.

Thanks,

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

On Thu, Mar 28, 2019 at 2:08 PM Matthew Debnam
<matthew.debnam@thewashingtondailynews.com> wrote:

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On a separate note, I am also trying to track down some information on any recent trapping/killing of red wolves/red-wolf coyote hybrids here in Beaufort County. I'm not sure what the Service's policy is on record keeping in that regards, but if there are records for that type of activity, I would like to request them. Thanks in advance for any help you can render.

Phil Kloer
Public Affairs Specialist
U.S. Fish and Wildlife Service

Southeast Region

Atlanta, GA

404-679-7299 (office)

404-644-7193 (mobile)

"When wildlife wins, people win."

Label: "Mar 2019 FOIA/Trapping"

Created by: joseph_madison@fws.gov

Total Messages in label: 271 (48 conversations)

Created: 05-31-2019 at 11:47 AM

Conversation Contents

"New" wolf 12281F

"Nordsven, Ryan" <ryan_nordsven@fws.gov>

From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Sent: Thu Mar 21 2019 11:28:48 GMT-0600 (MDT)
To: Joseph Madison <joseph_madison@fws.gov>
"Morse, Michael" <michael_l_morse@fws.gov>, Shaun Olson
<shaun_olson@fws.gov>, Pete Benjamin
CC: <pete_benjamin@fws.gov>, "Beyer, Arthur"
<arthur_beyer@fws.gov>
Subject: "New" wolf 12281F

Thought I'd pass along some interesting info I noticed this morning regarding the canid captured and collared by NCWRC last year (12281F). When Jen ran her pedigree info a couple weeks ago and determined this animal to be a red wolf, she identified her parents as 11747M and 12029F. 11747M is the old breeding male at Ventures who lost his mate to gunshot a couple years ago, and 12029 was born at Ventures and dispersed a couple years ago over to an adjacent property. When I saw the pedigree info on 12281F, I assumed her mother, 12029F, was the offspring of 11747M (since I knew she had come from Ventures), and that he had essentially bred his daughter, resulting in 12281F. (This would not be ideal of course genetically, but would not have been a huge surprise considering how few wolves are left on the landscape).

However, until this morning, I had never checked the database to confirm this. What I found was that 12029FF was indeed part of a Ventures litter sired by 11747M, but that 11747M was not her sire. All of her six litter mates were sired by 11747M, but she was sired by a young Milltail disperser that had passed through Ventures at the time (11848M). We've seen litters with more than one sire before but it has not been common. So the wolf that 11747M mated with was raised by him with his own offspring but she was not in fact his biological offspring. It's interesting and does make you wonder if these animals are able to somehow detect if they are closely related.

--

Ryan Nordsven
Wildlife Biologist
US Fish & Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 x 244
Cell: (252) 475-8353

Conversation Contents

One page in part under exemption 5 DPP

Michael's Comments

Attachments:

- /8. Michael's Comments/1.1 MM.Pilot Study.MM.Comments.pdf
- /8. Michael's Comments/2.1 NCWRC Pilot Research Proposal Comments.docx

"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Fri Oct 20 2017 10:01:46 GMT-0600 (MDT)
To: Ryan Nordsven <ryan_nordsven@fws.gov>
Subject: Michael's Comments
Attachments: MM.Pilot Study.MM.Comments.pdf

Here's the document with Michael's comments. I'm sending out the consolidated one before the end of the day. Though your comments will likely remain in a separate word document since they are more narrative in nature. Besides the consolidated version of comments is getting pretty busy.

Joe Madison
Assistant Field Supervisor
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

"Nordsven, Ryan" <ryan_nordsven@fws.gov>

From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Sent: Fri Oct 20 2017 12:30:55 GMT-0600 (MDT)
To: "Madison, Joseph" <joseph_madison@fws.gov>
Subject: Re: Michael's Comments
Attachments: NCWRC Pilot Research Proposal Comments.docx

(b) (5)

On Fri, Oct 20, 2017 at 12:01 PM, Madison, Joseph <joseph_madison@fws.gov> wrote:
Here's the document with Michael's comments. I'm sending out the consolidated one before the end of the day. Though your comments will likely remain in a separate word document since they are more narrative in nature. Besides the consolidated version of comments is getting pretty busy.

Joe Madison
Assistant Field Supervisor
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

--

Ryan Nordsven
Wildlife Biologist
US Fish & Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 x 244
Cell: (252) 475-8353

Label: "Mar 2019 FOIA/WRC Study"

Created by: joseph_madison@fws.gov

Total Messages in label: 102 (19 conversations)

Created: 05-31-2019 at 12:37 PM

Conversation Contents

Red Wolf Percentage Question

Attachments:

- /8. Red Wolf Percentage Question/1.1 STOSKOPFetal_2005_WildSocBull(33)1145-1152.pdf
- /8. Red Wolf Percentage Question/1.2 Bohling and Waits 2015_Red wolf-coyote hybridization, anthropogenic mortality_highlight.pdf
- /8. Red Wolf Percentage Question/2.1 STOSKOPFetal_2005_WildSocBull(33)1145-1152.pdf
- /8. Red Wolf Percentage Question/2.2 Bohling and Waits 2015_Red wolf-coyote hybridization, anthropogenic mortality_highlight.pdf
- /8. Red Wolf Percentage Question/3.1 image001.png
- /8. Red Wolf Percentage Question/3.2 image002.png
- /8. Red Wolf Percentage Question/3.3 image003.png
- /8. Red Wolf Percentage Question/3.4 image004.png

"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Tue Feb 19 2019 11:25:19 GMT-0700 (MST)
To: "Shiple, Andrea J" <andrea.shiple@ncwildlife.org>
CC: Ryan Nordsven <ryan_nordsven@fws.gov>
Subject: Red Wolf Percentage Question
STOSKOPFetal_2005_WildSocBull(33)1145-1152.pdf Bohling and Waits 2015_Red wolf-coyote hybridization, anthropogenic mortality_highlight.pdf

Attachments:

Andrea,

Ryan mentioned that you had asked a question regarding the genetic percentage for determining a red wolf. The standard we use is 87.5%. I've attached the document that discusses the origination of that percentage as developed with the Red Wolf Recovery Implementation Team (RIT) a long time ago. I've also included a more recent document that discusses it a little bit. As with anything red wolf, it's not always straightforward, but this should give you an idea of the thought process as least.

Let me know if you have any questions and my answers will likely muddy the water further.

Thanks,

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954

Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Tue Feb 19 2019 11:30:37 GMT-0700 (MST)
To: Emily Weller <emily_weller@fws.gov>
Subject: Fwd: Red Wolf Percentage Question
Attachments: STOSKOPFetal_2005_WildSocBull(33)1145-1152.pdf Bohling and Waits 2015_Red wolf-coyote hybridization, anthropogenic mortality_highlight.pdf

Emily,

I was looking into the paper trail for the origination of the 87.5% for determining a red wolf and thought you might find it of interest in relation to determining what exactly we have in Louisiana and Texas. I've attached the document that discusses it's development by the Red Wolf Recovery Implementation Team (RIT) a long time ago, particularly the table on page 6 of the document (page 1150). I've also included a more recent document that discusses it a little bit. As with anything red wolf, it's not entirely straightforward.

Thanks,

Joe Madison
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U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

"Shipley, Andrea J" <andrea.shipley@ncwildlife.org>

From: "Shipley, Andrea J" <andrea.shipley@ncwildlife.org>
Sent: Tue Feb 19 2019 11:32:57 GMT-0700 (MST)
To: "Madison, Joseph" <joseph_madison@fws.gov>
CC: Ryan Nordsven <ryan_nordsven@fws.gov>
Subject: RE: [External] Red Wolf Percentage Question
Attachments: image001.png image002.png image003.png image004.png

Hi Joe,

I very much appreciate your putting together this documentation package!

The question came up recently because of the Mattamuskeet Venture depredation permit harvest report from David Denton (October 2018) had included a verbal citation of 92% - that was the first I had heard of that, so I wanted to clarify and make sure we were all on the same page. I will be sure to clarify that for Mr. Denton when I speak to him in the near future.

Thanks again,

Andrea

Andrea J. Shipley

Mammalogist, Wildlife Diversity Program

NC Wildlife Resources Commission

Mailing Address: PO Box 209

Castalia, North Carolina 27816

office: 919-495-4001

mobile: 919-208-9200

ncwildlife.org



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From: Madison, Joseph <joseph_madison@fws.gov>

Sent: Tuesday, February 19, 2019 1:25 PM

To: Shipley, Andrea J <andrea.shipley@ncwildlife.org>

Cc: Ryan Nordsven <ryan_nordsven@fws.gov>

Subject: [External] Red Wolf Percentage Question

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report.spam@nc.gov

Andrea,

Ryan mentioned that you had asked a question regarding the genetic percentage for determining a red wolf. The standard we use is 87.5%. I've attached the document that discusses the origination of that percentage as developed with the Red Wolf Recovery Implementation Team (RIT) a long time ago. I've also included a more recent document that discusses it a little bit. As with anything red wolf, it's not always straightforward, but this should give you an idea of the thought process as least.

Let me know if you have any questions and my answers will likely muddy the water further.

Thanks,

Joe Madison
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100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

"Weller, Emily" <emily_weller@fws.gov>

From: "Weller, Emily" <emily_weller@fws.gov>

Sent: Tue Feb 19 2019 11:34:17 GMT-0700 (MST)
To: "Madison, Joseph" <joseph_madison@fws.gov>
Subject: Re: Red Wolf Percentage Question

Thank you!!!! I'll definitely take a look at this.

Em

On Tue, Feb 19, 2019 at 12:30 PM Madison, Joseph <joseph_madison@fws.gov> wrote:

Emily,

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Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

--

Emily Bizwell Weller
Reintroduction Programs Coordinator
Regional Red Wolf Recovery Lead
Fish and Wildlife Service
200 Dulles Drive
Lafayette, LA 70506
337-291-3090
337-291-3139 (Fax)
emily_weller@fws.gov

NOTE: This email correspondence and any attachments to and from this sender is subject to the Freedom of Information Act (FOIA) and may be disclosed to third parties.

Conversation Contents

NCWRC Research Proposal Comments

Attachments:

/9. NCWRC Research Proposal Comments/1.1 NCWRC Pilot Research Proposal Comments.docx

"Nordsven, Ryan" <ryan_nordsven@fws.gov>

From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Sent: Fri Oct 20 2017 08:51:31 GMT-0600 (MDT)
To: Joseph Madison <joseph_madison@fws.gov>
Subject: NCWRC Research Proposal Comments
Attachments: NCWRC Pilot Research Proposal Comments.docx

I went through this again and cleaned it up a little and made a few edits and a couple of additions.

--

Ryan Nordsven
Wildlife Biologist
US Fish & Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 x 244
Cell: (252) 475-8353

Label: "Mar 2019 FOIA/Trapping"

Created by: joseph_madison@fws.gov

Total Messages in label: 271 (48 conversations)

Created: 05-31-2019 at 11:47 AM

Conversation Contents

Update on St. Vincent Pups

"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Mon Mar 11 2019 13:55:10 GMT-0600 (MDT)
To: "Smith, Bradley" <bradley_smith@fws.gov>
Subject: Update on St. Vincent Pups

Bradley,

I'm sure you're super busy, but if you could give me an update on the status of the red wolf pups after yesterday's vet visit and whether or not they have been released back into the wild, I would appreciate it.

Thanks,

Joe Madison
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joseph_madison@fws.gov

Bradley Smith <bradley_smith@fws.gov>

From: Bradley Smith <bradley_smith@fws.gov>
Sent: Mon Mar 11 2019 14:13:42 GMT-0600 (MDT)
To: "Madison, Joseph" <joseph_madison@fws.gov>
Subject: Re: Update on St. Vincent Pups

Hi Joe,

Sorry I had thought Dan was going to contact you today and relay info or I would've emailed earlier.

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"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Mon Mar 11 2019 14:33:02 GMT-0600 (MDT)
To: Bradley Smith <bradley_smith@fws.gov>
Subject: Re: Update on St. Vincent Pups

Bradley,

Thanks for the update. We need those animals to be the least habituated to humans and fences and dog food as possible, so I see no reason to hold either of them beyond what is necessary from a health standpoint and no real benefit to releasing them together.

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From: "Smith, Bradley" <bradley_smith@fws.gov>
Sent: Mon Mar 11 2019 15:14:55 GMT-0600 (MDT)
To: "Madison, Joseph" <joseph_madison@fws.gov>
Subject: Re: Update on St. Vincent Pups

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Email: Bradley_Smith@fws.gov

Joseph Madison <joseph_madison@fws.gov>

From: Joseph Madison <joseph_madison@fws.gov>
Sent: Mon Mar 11 2019 15:33:29 GMT-0600 (MDT)
To: "Smith, Bradley" <bradley_smith@fws.gov>
Subject: Re: Update on St. Vincent Pups

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Bradley Smith <bradley_smith@fws.gov>

From: Bradley Smith <bradley_smith@fws.gov>
Sent: Mon Mar 11 2019 15:54:44 GMT-0600 (MDT)
To: Joseph Madison <joseph_madison@fws.gov>
Subject: Re: Update on St. Vincent Pups

Ok will do soft release tomorrow. Very sorry for the confusion.

Thank you as always for supporting this part of the red wolf recovery program. A whole lot of folks around here will be very glad to have all the wolves free-ranging on the Refuge again.

Sent from my iPhone

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Bradley Smith <bradley_smith@fws.gov>

From: Bradley Smith <bradley_smith@fws.gov>
Sent: Thu Mar 14 2019 15:06:41 GMT-0600 (MDT)
To: Joseph Madison <joseph_madison@fws.gov>
Subject: Re: Update on St. Vincent Pups

Hi Joe,

Female pup seems to be moving around with the adult breeding pair as planned after soft release.

Male pup's getting better but the vet wanted to see him one more time on Thursday.

Do you know the studbook numbers for these two? Should we contact Chris or do you all prefer to do that?

Thanks in advance.

Best,

Bradley

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Label: "Mar 2019 FOIA/Trapping"

Created by: joseph_madison@fws.gov

Total Messages in label: 271 (48 conversations)

Created: 05-31-2019 at 11:47 AM

Conversation Contents

Canid Handling and Chemical Immobilization Workshop

Attachments:

/10. Canid Handling and Chemical Immobilization Workshop/1.1 Red Wolf Workshop 2019 DRAFT Outline2.pdf

/10. Canid Handling and Chemical Immobilization Workshop/2.1 Red Wolf Workshop 2019 DRAFT Outline2.pdf

"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Tue Mar 05 2019 09:58:54 GMT-0700 (MST)
To: "Frisk, Dan" <dan_frisk@fws.gov>, Terry Peacock <terry_peacock@fws.gov>
Subject: Canid Handling and Chemical Immobilization Workshop
Attachments: Red Wolf Workshop 2019 DRAFT Outline2.pdf

Dan and Terry,

Attached is the draft agenda for the class. The main item not on the agenda yet is what I mentioned on the phone regarding a discussion section on the proper way to conduct den work for red wolves such as locating the den, when to enter the den, how to process pups, etc.

The other items mentioned briefly in the agenda, but needing to be expanded a bit are collecting blood and attaching radio collars.

Thanks,

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

"Smith, Bradley" <bradley_smith@fws.gov>

From: "Smith, Bradley" <bradley_smith@fws.gov>
Sent: Tue Mar 05 2019 14:42:48 GMT-0700 (MST)
To: Joseph Madison <joseph_madison@fws.gov>
Subject: Fwd: Canid Handling and Chemical Immobilization Workshop

Attachments:

Red Wolf Workshop 2019 DRAFT Outline2.pdf

Hi Mr. Madison,

This class looks fantastic, thank you so much for putting this together.

Is it possible for us to stay in a bunk house or should we find accomadations nearby?

Really looking forward to this class.

Best,

Bradley

----- Forwarded message -----

From: **Peacock, Terry** <terry_peacock@fws.gov>

Date: Tue, Mar 5, 2019 at 12:10 PM

Subject: Fwd: Canid Handling and Chemical Immobilization Workshop

To: Stark, John <john_stark@fws.gov>, Bradley Smith <Bradley_Smith@fws.gov>

Terry Peacock
Refuge Manager
St. Marks National Wildlife Refuge/St. Vincent NWR
P.O. Box 68
St. Marks, FL 32355
850-925-6121 (Office)
850-925-6930 (Fax)

----- Forwarded message -----

From: **Madison, Joseph** <joseph_madison@fws.gov>

Date: Tue, Mar 5, 2019 at 11:59 AM

Subject: Canid Handling and Chemical Immobilization Workshop

To: Frisk, Dan <dan_frisk@fws.gov>, Terry Peacock <terry_peacock@fws.gov>

Dan and Terry,

Attached is the draft agenda for the class. The main item not on the agenda yet is what I mentioned on the phone regarding a discussion section on the proper way to conduct den work for red wolves such as locating the den, when to enter the den, how to process pups, etc.

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Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina Ecological Services Sub-Office

U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

--

Bradley Smith
Biological Science Technician
U.S. Fish and Wildlife Service

St. Vincent National Wildlife Refuge
P.O. Box 447
Apalachicola, FL 32329
Phone: (850) 653-8808
(850) 527-8537 (mobile)
FAX: (850) 653-9893
Email: Bradley_Smith@fws.gov

Joseph Madison <joseph_madison@fws.gov>

From: Joseph Madison <joseph_madison@fws.gov>
Sent: Tue Mar 05 2019 15:39:29 GMT-0700 (MST)
To: "Smith, Bradley" <bradley_smith@fws.gov>
Subject: Re: Canid Handling and Chemical Immobilization Workshop

Yes, you can definitely stay in the bunkhouse. Either the one on the refuge or in Nags Head depending on a few factors.

Joe Madison
Assistant Field Supervisor
Red Wolf Recovery Program
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
[100 Conservation Way](#)
Manteo, NC 27954
Office: [\(252\) 473-1132 ext 245](tel:(252)473-1132)
joseph_madison@fws.gov

On Mar 5, 2019, at 4:42 PM, Smith, Bradley <bradley_smith@fws.gov> wrote:

Hi Mr. Madison,

This class looks fantastic, thank you so much for putting this together.

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Bradley

----- Forwarded message -----

From: **Peacock, Terry** <terry_peacock@fws.gov>

Date: Tue, Mar 5, 2019 at 12:10 PM

Subject: Fwd: Canid Handling and Chemical Immobilization Workshop

To: Stark, John <john_stark@fws.gov>, Bradley Smith <Bradley_Smith@fws.gov>

Terry Peacock
Refuge Manager
St. Marks National Wildlife Refuge/St. Vincent NWR
P.O. Box 68
St. Marks, FL 32355
850-925-6121 (Office)
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----- Forwarded message -----

From: **Madison, Joseph** <joseph_madison@fws.gov>

Date: Tue, Mar 5, 2019 at 11:59 AM

Subject: Canid Handling and Chemical Immobilization Workshop

To: Frisk, Dan <dan_frisk@fws.gov>, Terry Peacock <terry_peacock@fws.gov>

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joseph_madison@fws.gov

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U.S. Fish and Wildlife Service

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Phone: (850) 653-8808
(850) 527-8537 (mobile)
FAX: (850) 653-9893
Email: Bradley_Smith@fws.gov

<Red Wolf Workshop 2019 DRAFT Outline2.pdf>

Bradley Smith <bradley_smith@fws.gov>

From: Bradley Smith <bradley_smith@fws.gov>
Sent: Tue Mar 05 2019 15:54:38 GMT-0700 (MST)
To: Joseph Madison <joseph_madison@fws.gov>
Subject: Re: Canid Handling and Chemical Immobilization Workshop

Ok thank you so much. Just wanted to make sure before canceling reservations at the Elizabethan.

We really appreciate a place to stay. Very excited for red wolf training.

Sent from my iPhone

On Mar 5, 2019, at 5:39 PM, Joseph Madison <joseph_madison@fws.gov> wrote:

Yes, you can definitely stay in the bunkhouse. Either the one on the refuge or in Nags Head depending on a few factors.

Joe Madison
Assistant Field Supervisor
Red Wolf Recovery Program
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
[100 Conservation Way](#)
Manteo, NC 27954
Office: [\(252\) 473-1132 ext 245](tel:(252)473-1132)
joseph_madison@fws.gov

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From: **Peacock, Terry** <terry_peacock@fws.gov>

Date: Tue, Mar 5, 2019 at 12:10 PM

Subject: Fwd: Canid Handling and Chemical Immobilization Workshop

To: Stark, John <john_stark@fws.gov>, Bradley Smith

<Bradley_Smith@fws.gov>

Terry Peacock
Refuge Manager
St. Marks National Wildlife Refuge/St. Vincent NWR
P.O. Box 68
St. Marks, FL 32355
850-925-6121 (Office)
850-925-6930 (Fax)

----- Forwarded message -----

From: **Madison, Joseph** <joseph_madison@fws.gov>

Date: Tue, Mar 5, 2019 at 11:59 AM

Subject: Canid Handling and Chemical Immobilization Workshop

To: Frisk, Dan <dan_frisk@fws.gov>, Terry Peacock

<terry_peacock@fws.gov>

Dan and Terry,

Attached is the draft agenda for the class. The main item not on the agenda yet is what I mentioned on the phone regarding a discussion section on the proper way to conduct den work for red wolves such as locating the den, when to enter the den, how to process pups, etc.

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Assistant Field Supervisor for
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service

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Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

--

Bradley Smith
Biological Science Technician
U.S. Fish and Wildlife Service

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P.O. Box 447
Apalachicola, FL 32329
Phone: (850) 653-8808
(850) 527-8537 (mobile)
FAX: (850) 653-9893
Email: Bradley_Smith@fws.gov

<Red Wolf Workshop 2019 DRAFT Outline2.pdf>

"Frisk, Dan" <dan_frisk@fws.gov>

From: "Frisk, Dan" <dan_frisk@fws.gov>
Sent: Fri Mar 08 2019 12:57:32 GMT-0700 (MST)
To: "Madison, Joseph" <joseph_madison@fws.gov>
CC: "Peacock, Terry" <terry_peacock@fws.gov>
Subject: Re: Canid Handling and Chemical Immobilization Workshop

Joe...It looks like Bradley Smith, John Stark and myself will be attending your workshop on March 26-28, 2019. I'd like to talk with you about having sometime before or after the 3 days of training to have the St. Vincent folks and myself spend sometime with you and your folks to discuss trapping and coming up with a game plan to move the pups up your way in Dec 2019. I will be helping Bradley and the Vet this Sunday with health checks and putting on the radio collars. We will plan on releasing the female pup, and helpfully we can release the male pup if his foot is OK. Bradley said he saw him using it, but when he is in the box he lays there with foot bent. Also it looks like there is a small sore on the top of that foot. We will have the Vet check it out on Sunday. We won't release the male pup if he is still having problems.

Thanks,
Dan

*Dan Frisk, Project Leader
US Fish & Wildlife Service
North Florida Refuge Complex
P.O. Box 68
1255 Lighthouse Road
St. Marks, FL 32355
850-925-6121 office
850-925-6930 fax*

dan_frisk@fws.gov

On Tue, Mar 5, 2019 at 11:59 AM Madison, Joseph <joseph_madison@fws.gov> wrote:
Dan and Terry,

Attached is the draft agenda for the class. The main item not on the agenda yet is what I mentioned on the phone regarding a discussion section on the proper way to conduct den work for red wolves such as locating the den, when to enter the den, how to process pups, etc.

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Thanks,

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Fri Mar 08 2019 13:23:10 GMT-0700 (MST)
To: "Frisk, Dan" <dan_frisk@fws.gov>
CC: "Peacock, Terry" <terry_peacock@fws.gov>
Subject: Re: Canid Handling and Chemical Immobilization Workshop

That's great! I look forward to you guys being here. And we only settled on three because that was what you guys originally mentioned, I just want to make sure if there's an additional one or two FWS folks you want to come that would be fine.

I was definitely thinking we would meet outside of the class time to go over trapping and sort of the initial game plan for this fall/winter. I was originally thinking it might be best to do it on the Monday before the class. However, it might be better to have that discussion on Friday the day after the class is over if you guys will still be around so we have the benefit of the class discussions as a background, and on Monday I will be working with the instructor on getting ready for the class. What do you think? If you are not able to stick around for Friday, we can try to work it in on Monday or sometime around the class schedule.

Thanks,

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service

100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

On Fri, Mar 8, 2019 at 2:57 PM Frisk, Dan <dan_frisk@fws.gov> wrote:

Joe...It looks like Bradley Smith, John Stark and myself will be attending your workshop on March 26-28, 2019. I'd like to talk with you about having sometime before or after the 3 days of training to have the St. Vincent folks and myself spend sometime with you and your folks to discuss trapping and coming up with a game plan to move the pups up your way in Dec 2019. I will be helping Bradley and the Vet this Sunday with health checks and putting on the radio collars. We will plan on releasing the female pup, and helpfully we can release the male pup if his foot is OK. Bradley said he saw him using it, but when he is in the box he lays there with foot bent. Also it looks like there is a small sore on the top of that foot. We will have the Vet check it out on Sunday. We won't release the male pup if he is still having problems.

Thanks,
Dan

*Dan Frisk, Project Leader
US Fish & Wildlife Service
North Florida Refuge Complex
P.O. Box 68
1255 Lighthouse Road
St. Marks, FL 32355
850-925-6121 office
850-925-6930 fax
dan_frisk@fws.gov*

On Tue, Mar 5, 2019 at 11:59 AM Madison, Joseph <joseph_madison@fws.gov> wrote:
Dan and Terry,

Attached is the draft agenda for the class. The main item not on the agenda yet is what I mentioned on the phone regarding a discussion section on the proper way to conduct den work for red wolves such as locating the den, when to enter the den, how to process pups, etc.

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Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

Conversation Contents

WRC Comments

Attachments:

/10. WRC Comments/1.1 MM.Pilot Study.MM.Comments.pdf

"Morse, Michael" <michael_l_morse@fws.gov>

From: "Morse, Michael" <michael_l_morse@fws.gov>
Sent: Thu Oct 19 2017 20:42:26 GMT-0600 (MDT)
To: Joseph Madison <joseph_madison@fws.gov>
Subject: WRC Comments
Attachments: MM.Pilot Study.MM.Comments.pdf

Hi Joe,
I decided to open the doc and make comments in it. Let me know if you need anything else.

thanks,

--

Michael L. Morse
Wildlife Biologist, USFWS
ENC ES Sub-Field Office
100 Conservation Way, PO Box 1969
Manteo, NC 27954
Work: (252) 473-1131, ext. 242
Cell#: **(252) 475-8350**

Conversation Contents

One page in part under
Exemption 5 DPP

NCWRC Research Proposal Comments

Attachments:

/11. NCWRC Research Proposal Comments/1.1 NCWRC Pilot Research Proposal Comments.docx

"Nordsven, Ryan" <ryan_nordsven@fws.gov>

From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Sent: Thu Oct 19 2017 10:20:21 GMT-0600 (MDT)
To: Joseph Madison <joseph_madison@fws.gov>
CC: "Morse, Michael" <michael_l_morse@fws.gov>, Shaun Olson <shaun_olson@fws.gov>
Subject: NCWRC Research Proposal Comments
Attachments: NCWRC Pilot Research Proposal Comments.docx

Here's what I have for now.....

--
Ryan Nordsven
Wildlife Biologist
US Fish & Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 x 244
Cell: (252) 475-8353

"Nordsven, Ryan" <ryan_nordsven@fws.gov>

From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Sent: Thu Oct 19 2017 10:26:08 GMT-0600 (MDT)
To: Joseph Madison <joseph_madison@fws.gov>
CC: "Morse, Michael" <michael_l_morse@fws.gov>, Shaun Olson <shaun_olson@fws.gov>
Subject: Re: NCWRC Research Proposal Comments

I would also propose that we get refuge staff on board for this initial meeting with WRC. (b) (5)

On Thu, Oct 19, 2017 at 12:20 PM, Nordsven, Ryan <ryan_nordsven@fws.gov> wrote:

Here's what I have for now.....

--

Ryan Nordsven
Wildlife Biologist
US Fish & Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 x 244
Cell: (252) 475-8353

--

Ryan Nordsven
Wildlife Biologist
US Fish & Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 x 244
Cell: (252) 475-8353

Label: "Mar 2019 FOIA/Trapping"

Created by: joseph_madison@fws.gov

Total Messages in label: 271 (48 conversations)

Created: 05-31-2019 at 11:51 AM

Conversation Contents

Re: Action - Fwd: [EXTERNAL] Checking In

Attachments:

/12. Re: Action - Fwd: [EXTERNAL] Checking In/11.1
red_wolf_locations_030119_v3_reduced.pdf

/12. Re: Action - Fwd: [EXTERNAL] Checking In/18.1
flight_sheet_021419_freqs_redacted.pdf

Pete Benjamin <pete_benjamin@fws.gov>

From: Pete Benjamin <pete_benjamin@fws.gov>
Sent: Tue Feb 26 2019 14:58:36 GMT-0700 (MST)
To: Michelle Eversen <michelle_eversen@fws.gov>
CC: Joseph Madison <joseph_madison@fws.gov>
Subject: Re: Action - Fwd: [EXTERNAL] Checking In

This is first I'm seeing this. I was in a meeting today. Will be tomorrow morning as well. Ccing Joe here to see if he has any insights

Pete Benjamin, US FWS

On Feb 26, 2019, at 2:33 PM, Michelle Eversen <michelle_eversen@fws.gov> wrote:

Pete - have done anything with this request from Jack yet?

Adding Joe in case you are out.

Sent from my iPhone

Begin forwarded message:

From: "Arnold, Jack" <jack_arnold@fws.gov>
Date: February 25, 2019 at 5:39:06 PM EST
To: Michelle Eversen <michelle_eversen@fws.gov>, Pete Benjamin <Pete_Benjamin@fws.gov>
Subject: Fwd: Action - Fwd: [EXTERNAL] Checking In

Michelle and Pete - can you please provide the info Leo is requesting?
How long would it take to get the telemetry data for our collared wolves?
Based on Leo's note I believe he wants to share with Gordon....

Feel free to call if you want to discuss...

Thanks,

Jack Arnold
Acting Assistant Regional Director - Ecological Services
U.S. Fish and Wildlife Service
1875 Century Blvd.
Atlanta, GA 30345
404-679-7311 office
404-679-7081 fax
703-789-5620 cell

NOTE: This email correspondence and any attachments to and from this sender is subject to the Freedom of Information Act (FOIA) and may be disclosed to third parties.

----- Forwarded message -----

From: **Leopoldo Miranda** <leopoldo_miranda@fws.gov>
Date: Sun, Feb 24, 2019 at 7:48 AM
Subject: Action - Fwd: [EXTERNAL] Checking In
To: Jack Arnold <jack_arnold@fws.gov>
Cc: <michael_oetker@fws.gov>

Jack,

See below. Could you check with the folks in NC about any RW mortalities and the one comment about dead collar battery? Also, let's get the info on the telemetry ASAP.

Thanks!

Leo

Leopoldo Miranda, Regional Director
USFWS, Southeast Region
[404-679-4000](tel:404-679-4000)

Sent from my iPhone

NOTE: This email correspondence and any attachments to and from this sender is subject to the Freedom of Information Act (FOIA) and may be disclosed to third parties.

Begin forwarded message:

From: "Myers, Gordon S." <gordon.myers@ncwildlife.org>
Date: February 23, 2019 at 11:08:33 AM EST
To: "Miranda, Leopoldo (Leopoldo_Miranda@fws.gov)" <Leopoldo_Miranda@fws.gov>
Subject: [EXTERNAL] Checking In

Good morning Leo,

As you know there was a terribly sad and horrific attack on a woman in Beaufort County a little over a week ago. In the past week, there have been many questions asked and we have been doing all we can to assist the Beaufort County Sheriff's Office in their investigation. We have compiled and reviewed our data for the canids we are tracking using satellite collars; however, we do not have information about canids the FWS is tracking using RF collars.

I have heard reports that a collared wolf with a drained battery was trapped in the past couple of weeks. Further, I have also heard there was a collared wolf mortality event.

Do you have any information associated with the reports?

Thank you very much and I look forward to catching up with you soon.

Best regards,

Gordon

Gordon Myers | Executive Director

N.C. Wildlife Resources Commission

Mailing Address: 1701 Mail Service Center

Raleigh, North Carolina 27699-1701

919.707.0151 | 919.810.5271

ncwildlife.org

Pete Benjamin <pete_benjamin@fws.gov>

From: Pete Benjamin <pete_benjamin@fws.gov>
Sent: Tue Feb 26 2019 15:11:32 GMT-0700 (MST)
To: Michelle Eversen <michelle_eversen@fws.gov>, Joseph Madison <joseph_madison@fws.gov>
Subject: Re: Action - Fwd: [EXTERNAL] Checking In

Also, Joe has been working directly with the Beaufort County Sheriffs Office, so I'm a little concerned with giving stuff to WRC who will then give it to the Sheriff. Further, I don't see what the requested info about wolf location data has to do with anything. We have tissue samples. That will tell the tale. Speculating about what may or may not be in the area is just that-speculation.

Pete Benjamin, US FWS

On Feb 26, 2019, at 2:33 PM, Michelle Eversen <michelle_eversen@fws.gov> wrote:

Pete - have done anything with this request from Jack yet?

Adding Joe in case you are out.

Sent from my iPhone

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From: "Arnold, Jack" <jack_arnold@fws.gov>
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To: Michelle Eversen <michelle_eversen@fws.gov>, Pete Benjamin <Pete_Benjamin@fws.gov>
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----- Forwarded message -----

From: **Leopoldo Miranda** <leopoldo_miranda@fws.gov>
Date: Sun, Feb 24, 2019 at 7:48 AM
Subject: Action - Fwd: [EXTERNAL] Checking In
To: Jack Arnold <jack_arnold@fws.gov>
Cc: <michael_oetker@fws.gov>

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Leo

Leopoldo Miranda, Regional Director
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[404-679-4000](tel:404-679-4000)

Sent from my iPhone

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Begin forwarded message:

From: "Myers, Gordon S." <gordon.myers@ncwildlife.org>
Date: February 23, 2019 at 11:08:33 AM EST
To: "Miranda, Leopoldo (Leopoldo_Miranda@fws.gov)" <Leopoldo_Miranda@fws.gov>
Subject: [EXTERNAL] Checking In

Good morning Leo,

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Gordon

Gordon Myers | Executive Director

N.C. Wildlife Resources Commission

Mailing Address: 1701 Mail Service Center

Raleigh, North Carolina 27699-1701

919.707.0151 | 919.810.5271

ncwildlife.org

Email correspondence to and from this sender is subject to the N.C. Public Records Law and may be disclosed to third parties.

Joseph Madison <joseph_madison@fws.gov>

From: Joseph Madison <joseph_madison@fws.gov>
Sent: Tue Feb 26 2019 16:04:06 GMT-0700 (MST)
To: Pete Benjamin <pete_benjamin@fws.gov>
CC: Michelle Eversen <michelle_eversen@fws.gov>
Subject: Re: Action - Fwd: [EXTERNAL] Checking In

We should not be providing any of this information to WRC in relation to this investigation. Beaufort County Sheriff's Office has been very clear that WRC has been of no assistance since the day after the incident. And neither dead batteries or a red wolf mortality on the refuge in

early January have anything whatsoever to do with this case. It's a fishing expedition in my opinion. And the case doesn't need this information and if it did we'd provide it directly to the sheriff.

Joe Madison
Assistant Field Supervisor
Red Wolf Recovery Program
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
[100 Conservation Way](#)
[Manteo, NC 27954](#)
Office: [\(252\) 473-1132 ext 245](#)
joseph_madison@fws.gov

On Feb 26, 2019, at 5:11 PM, Pete Benjamin <pete_benjamin@fws.gov> wrote:

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To: Michelle Eversen <michelle_eversen@fws.gov>, Pete Benjamin <Pete_Benjamin@fws.gov>
Subject: Fwd: Action - Fwd: [EXTERNAL] Checking In

Michelle and Pete - can you please provide the info Leo is requesting? How long would it take to get the telemetry data for our collared wolves? Based on Leo's note I believe he wants to share with Gordon....

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Thanks,

Jack Arnold
Acting Assistant Regional Director - Ecological Services
U.S. Fish and Wildlife Service

1875 Century Blvd.
Atlanta, GA 30345
404-679-7311 office
404-679-7081 fax
703-789-5620 cell

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From: **Leopoldo Miranda** <leopoldo_miranda@fws.gov>
Date: Sun, Feb 24, 2019 at 7:48 AM
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To: Jack Arnold <jack_arnold@fws.gov>
Cc: <michael_oetker@fws.gov>

Jack,

See below. Could you check with the folks in NC about any RW mortalities and the one comment about dead collar battery? Also, let's get the info on the telemetry ASAP.

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Leo

Leopoldo Miranda, Regional Director
USFWS, Southeast Region
[404-679-4000](tel:404-679-4000)

Sent from my iPhone

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From: "Myers, Gordon S." <gordon.myers@ncwildlife.org>
Date: February 23, 2019 at 11:08:33 AM EST
To: "Miranda, Leopoldo" (<Leopoldo_Miranda@fws.gov>)" <Leopoldo_Miranda@fws.gov>
Subject: [EXTERNAL] Checking In

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Mailing Address: 1701 Mail Service Center

Raleigh, North Carolina 27699-1701

919.707.0151 | 919.810.5271

ncwildlife.org

"Eversen, Michelle" <michelle_eversen@fws.gov>

From: "Eversen, Michelle" <michelle_eversen@fws.gov>
Sent: Wed Feb 27 2019 07:34:38 GMT-0700 (MST)
To: Joseph Madison <joseph_madison@fws.gov>
CC: Pete Benjamin <pete_benjamin@fws.gov>
Subject: Re: Action - Fwd: [EXTERNAL] Checking In

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U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: [\(252\) 473-1132 ext 245](tel:(252)473-1132)
joseph_madison@fws.gov

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Michelle Eversen

Ecological Services Program Supervisor for NC, SC, GA, KY, TN and the Caribbean
Southeast Region
U.S. Fish and Wildlife Service
100 Conservation Way
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From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Wed Feb 27 2019 07:39:48 GMT-0700 (MST)
To: "Eversen, Michelle" <michelle_eversen@fws.gov>
CC: Pete Benjamin <pete_benjamin@fws.gov>
Subject: Re: Action - Fwd: [EXTERNAL] Checking In

I am.

Joe Madison
Red Wolf Recovery Program

Assistant Field Supervisor for
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From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Wed Feb 27 2019 07:44:54 GMT-0700 (MST)
To: "Eversen, Michelle" <michelle_eversen@fws.gov>
Subject: Re: Action - Fwd: [EXTERNAL] Checking In

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"Eversen, Michelle" <michelle_eversen@fws.gov>

From: "Eversen, Michelle" <michelle_eversen@fws.gov>
Sent: Wed Feb 27 2019 08:18:37 GMT-0700 (MST)
To: "Madison, Joseph" <joseph_madison@fws.gov>
Subject: Re: Action - Fwd: [EXTERNAL] Checking In

Ok - I am going to text him. Perhaps we can get together in person this afternoon once he is done.

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To: "Eversen, Michelle" <michelle_eversen@fws.gov>
CC: Pete Benjamin <pete_benjamin@fws.gov>
Subject: Re: Action - Fwd: [EXTERNAL] Checking In

Response to Gordon Myers Inquiry on 02/23/19

- There have been no captures of red wolves with radio collars with batteries that were dead this trapping season. The closest thing we are aware of to what Gordon describes is that WRC recaptured a coyote with a GPS collar that was no longer functioning.
- There has been one red wolf mortality in the last 6 months and that was a mortality discovered on Alligator River National Wildlife Refuge on January 2, 2019. The cause of death is still under investigation by USFWS LE.
- Regarding radio telemetry data, we do not have data in the sense that we do not collect precise locations or tracking data for collared red wolves. Aerial monitoring flights are conducted once a week (weather permitting) and determine the general location of individual red wolves or packs in general terms of whether or not they are within their expected home range, and to determine if there are any mortality signals.
 - o Telemetry flights over the past few weeks have been conducted on February 14 and February 26. There have been no noteworthy changes in red wolf locations outside of expected use areas.
 - o With respect to the animal attack in Pantego on February 15, based on a telemetry flight conducted the day before the attack, no collared red wolf was in close proximity to the attack.

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Office: [\(252\) 473-1132 ext 245](tel:2524731132)
joseph_madison@fws.gov

On Feb 26, 2019, at 5:11 PM, Pete Benjamin <pete_benjamin@fws.gov> wrote:

Also, Joe has been working directly with the Beaufort County Sheriffs Office, so I'm a little concerned with giving stuff to WRC who will then give it to the Sheriff. Further, I don't see what the requested info about wolf location data has to do with anything. We have tissue samples. That will tell the tale. Speculating about what may or may not be in the area is just that- speculation.

Pete Benjamin, US FWS

On Feb 26, 2019, at 2:33 PM, Michelle Eversen <michelle_eversen@fws.gov> wrote:

Pete - have done anything with this request from Jack yet?

Adding Joe in case you are out.

Sent from my iPhone

Begin forwarded message:

From: "Arnold, Jack" <jack_arnold@fws.gov>
Date: February 25, 2019 at 5:39:06 PM EST
To: Michelle Eversen <michelle_eversen@fws.gov>, Pete Benjamin <Pete_Benjamin@fws.gov>
Subject: Fwd: Action - Fwd: [EXTERNAL] Checking In

Michelle and Pete - can you please provide the info Leo is requesting? How long would it take to get the telemetry data for our collared wolves? Based on Leo's note I believe he wants to share with Gordon....

Feel free to call if you want to discuss...

Thanks,

Jack Arnold
Acting Assistant Regional Director - Ecological Services
U.S. Fish and Wildlife Service
1875 Century Blvd.
Atlanta, GA 30345
404-679-7311 office
404-679-7081 fax
703-789-5620 cell

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----- Forwarded message -----

From: **Leopoldo Miranda** <leopoldo_miranda@fws.gov>
Date: Sun, Feb 24, 2019 at 7:48 AM
Subject: Action - Fwd: [EXTERNAL] Checking In
To: Jack Arnold <jack_arnold@fws.gov>
Cc: <michael_oetker@fws.gov>

Jack,

See below. Could you check with the folks in NC about any RW mortalities and the one comment about dead collar battery? Also, let's get the info on the telemetry ASAP.

Thanks!

Leo

Leopoldo Miranda, Regional Director
USFWS, Southeast Region
[404-679-4000](tel:404-679-4000)

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Begin forwarded message:

From: "Myers, Gordon S." <gordon.myers@ncwildlife.org>
Date: February 23, 2019 at 11:08:33 AM EST
To: "Miranda, Leopoldo" (<Leopoldo_Miranda@fws.gov>)" <Leopoldo_Miranda@fws.gov>
Subject: [EXTERNAL] Checking In

Good morning Leo,

As you know there was a terribly sad and horrific attack on a woman in Beaufort County a little over a week ago. In the past week, there have been many questions asked and we have been doing all we can to assist the Beaufort County Sheriff's Office in their investigation. We have compiled and reviewed our data for the canids we are tracking using satellite collars; however, we do not have information about canids the FWS is tracking using RF collars.

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Do you have any information associated with the reports?

Thank you very much and I look forward to catching up with you soon.

Best regards,

Gordon

Gordon Myers | Executive Director

N.C. Wildlife Resources Commission

Mailing Address: 1701 Mail Service Center

Raleigh, North Carolina 27699-1701

919.707.0151 | 919.810.5271

ncwildlife.org

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Michelle Eversen

Ecological Services Program Supervisor for NC, SC, GA, KY, TN and the Caribbean
Southeast Region
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954

1-404-632-9331 (Mobile)

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"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Wed Feb 27 2019 11:45:36 GMT-0700 (MST)
To: "Eversen, Michelle" <michelle_eversen@fws.gov>
CC: Pete Benjamin <pete_benjamin@fws.gov>
Subject: Re: Action - Fwd: [EXTERNAL] Checking In

I updated the last bullet slightly.

Response to Gordon Myers Inquiry on 02/23/19

- There have been no captures of red wolves with radio collars with batteries that were dead this trapping season. The closest thing we are aware of to what Gordon describes is that WRC recaptured a coyote with a GPS collar that was no longer functioning.
- There has been one red wolf mortality in the last 6 months and that was a mortality discovered on Alligator River National Wildlife Refuge on January 2, 2019. The cause of death is still under investigation by USFWS LE.
- Regarding radio telemetry data, we do not have data in the sense that we do not collect precise locations or tracking data for collared red wolves. Aerial monitoring flights are conducted once a week (weather permitting) and determine the general location of individual red wolves or packs in general terms of whether or not they are within their expected home range, and to determine if there are any mortality signals.
 - o Telemetry flights over the past few weeks have been conducted on February 14 and February 26. There have been no noteworthy changes in red wolf locations outside of expected use areas.
 - o With respect to the animal attack in Pantego on February 15, the location of the attack is not within the home range of any known red wolves. Additionally, based on a telemetry flight conducted the day before the attack, no collared red wolf was in close proximity to that area.

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way

Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

On Wed, Feb 27, 2019 at 9:34 AM Eversen, Michelle <michelle_eversen@fws.gov> wrote:
Are you both available for a call ASAP? say 10 am

On Tue, Feb 26, 2019 at 6:04 PM Joseph Madison <joseph_madison@fws.gov> wrote:
We should not be providing any of this information to WRC in relation to this investigation. Beaufort County Sheriff's Office has been very clear that WRC has been of no assistance since the day after the incident. And neither dead batteries or a red wolf mortality on the refuge in early January have anything whatsoever to do with this case. It's a fishing expedition in my opinion. And the case doesn't need this information and if it did we'd provide it directly to the sheriff.

Joe Madison
Assistant Field Supervisor
Red Wolf Recovery Program
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
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Leo

Leopoldo Miranda, Regional Director
USFWS, Southeast Region
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To: "Miranda, Leopoldo"
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U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954

1-404-632-9331 (Mobile)

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Michelle Eversen <michelle_eversen@fws.gov>

From: Michelle Eversen <michelle_eversen@fws.gov>
Sent: Fri Mar 01 2019 07:09:54 GMT-0700 (MST)
To: Pete Benjamin <Pete_Benjamin@fws.gov>, Joseph Madison <joseph_madison@fws.gov>
Subject: Re: Action - Fwd: [EXTERNAL] Checking In

I am calling Jack to manage expectations on this. I will get back to both of you ASAP.

Sent from my iPhone

On Mar 1, 2019, at 9:08 AM, Arnold, Jack <jack_arnold@fws.gov> wrote:

Update - Leo stopped in this morning; he needs this information by Monday at the latest. Maps can be emailed.

You can email them directly to him - just cc me.

Thanks,

Jack Arnold
Acting Assistant Regional Director - Ecological Services
U.S. Fish and Wildlife Service
1875 Century Blvd.
Atlanta, GA 30345
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404-679-7081 fax
703-789-5620 cell

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On Thu, Feb 28, 2019 at 5:51 PM Arnold, Jack <jack_arnold@fws.gov> wrote:

Thanks for the note. I shared with Leo.

He would like a couple things:

1) he would like the maps that depict the collared wolf home ranges - he said the field office should have those - for all known/collared wolves. He asked for this info for the last several flights....

2) regarding the 1/2/19 wolf mortality referenced in your note - this occurred during the shutdown; he'd like to know how this mortality was discovered. And is OLE investigating, or Refuge LE? He also would like to know if we have a suspected COD (e.g. auto-wolf collision? gunshot?) - even if still under investigation.

How quickly can you provide - he wants to get back to Gordon.

Thanks,

Jack Arnold
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On Wed, Feb 27, 2019 at 3:14 PM Eversen, Michelle

<michelle_eversen@fws.gov> wrote:

Jack -

Regarding the attack on the woman in Beaufort County, as you are aware, our Field Folks have been speaking with the Sheriff almost daily to ensure that we provide them

whatever information may be helpful to the investigation. As we shared with Sheriff, we conducted our standard weekly aerial telemetry monitoring flight, February 14th, the day before the attack and no collared red wolves were in close proximity to that area. We do not record the specific locations as part of these flights only that they are within their home range and alive so I am not sure what more data we could provide Gordon.

As to the other questions in Gordon Myers Inquiry dated 02/23/19

- There have been no captures of red wolves with radio collars with batteries that were dead this trapping season. The closest thing we are aware of to what Gordon describes is that WRC recaptured a coyote with a GPS collar that was no longer functioning.
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Please let us know if you have any questions.

Michelle

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Subject: Action - Fwd: [EXTERNAL] Checking In
To: Jack Arnold <jack_arnold@fws.gov>
Cc: <michael_oetker@fws.gov>

Jack,

See below. Could you check with the folks in NC about any RW mortalities and the one comment about dead collar battery? Also, let's get the info on the telemetry ASAP.

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Leo

Leopoldo Miranda, Regional Director
USFWS, Southeast Region
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Michelle Eversen

Ecological Services Program Supervisor for NC, SC, GA, KY, TN and the Caribbean
Southeast Region

U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954

1-404-632-9331 (Mobile)

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"Eversen, Michelle" <michelle_eversen@fws.gov>

From: "Eversen, Michelle" <michelle_eversen@fws.gov>
Sent: Fri Mar 01 2019 16:19:43 GMT-0700 (MST)
To: "Arnold, Jack" <jack_arnold@fws.gov>
CC: Pete Benjamin <Pete_Benjamin@fws.gov>, Leopoldo Miranda <leopoldo_miranda@fws.gov>, Joseph Madison <joseph_madison@fws.gov>
Subject: Re: Action - Fwd: [EXTERNAL] Checking In
Attachments: red_wolf_locations_030119_v3_reduced.pdf

Leo -

In response to your first question - The field does not have home range data that could be used to map polygons of individual animals. They do not collect that level of data from the plane flights because it would be such a large area of potential location per each animal because of the elevation of the flight. What they do document is mortalities which they then follow-up on using ground telemetry to recover the collar and carcass. They also document if an individual wolf is somewhere other than where the known packs are normally and even then it is not a Lat Long data point but rather a notation on the flight map. So what I have worked up with them is the attached map. It shows the points where packs are generally and where individuals have been documented repeatedly and most recently away from packs. It also depicts the reproductive status of those animals and the packs to the extent that we are aware (i.e. intact alpha male and female or with a Sterilized Coyote or packs for which we know they lost either alpha male or female but for which the current status is unknown). I know that you will have additional questions about the map. Please give me a call to discuss so we can modify it as needed and where possible.

In response to your second question regarding the red wolf mortality. The mortality was discovered by Service Staff near the road and is being investigated by Refuge Law Enforcement because it occurred on the Refuge. The COD is still under investigation but the preliminary information which is the ex-ray indicates some kind of fragments but we will need the lab to confirm if they are gravel from a collision or gunshot fragments.

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CC: <Pete_Benjamin@fws.gov>, Joseph Madison
<joseph_madison@fws.gov>
Subject: Re: Action - Fwd: [EXTERNAL] Checking In

I think this is good enough map. And thanks for the info on the mortality event. Was it a collared animal?

How many collared animals do we currently have?

Leo

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USFWS, Southeast Region
[404-679-4000](tel:404-679-4000)

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Jack Arnold
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U.S. Fish and Wildlife Service
1875 Century Blvd.
Atlanta, GA 30345
404-679-7311 office
404-679-7081 fax
703-789-5620 cell

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Date: Sun, Feb 24, 2019 at 7:48 AM
Subject: Action - Fwd: [EXTERNAL] Checking In
To: Jack Arnold <jack_arnold@fws.gov>
Cc: <michael_oetker@fws.gov>

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Leopoldo Miranda, Regional Director
USFWS, Southeast Region
[404-679-4000](tel:404-679-4000)

Sent from my iPhone

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Begin forwarded message:

From: "Myers, Gordon S." <gordon.myers@ncwildlife.org>
Date: February 23, 2019 at 11:08:33 AM EST
To: "Miranda, Leopoldo (Leopoldo_Miranda@fws.gov)" <Leopoldo_Miranda@fws.gov>
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<red_wolf_locations_030119_v3_reduced.pdf>

"Arnold, Jack" <jack_arnold@fws.gov>

From: "Arnold, Jack" <jack_arnold@fws.gov>
Sent: Fri Mar 01 2019 16:36:23 GMT-0700 (MST)
To: "Eversen, Michelle" <michelle_eversen@fws.gov>
Pete Benjamin <Pete_Benjamin@fws.gov>, Leopoldo Miranda
<leopoldo_miranda@fws.gov>, Joseph Madison
<joseph_madison@fws.gov>
CC:
Subject: Re: Action - Fwd: [EXTERNAL] Checking In

Thanks Michelle.

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Joseph Madison <joseph_madison@fws.gov>

From: Joseph Madison <joseph_madison@fws.gov>
Sent: Sat Mar 02 2019 06:47:42 GMT-0700 (MST)
To: Leopoldo Miranda <leopoldo_miranda@fws.gov>

CC: "Eversen, Michelle" <michelle_eversen@fws.gov>, "Arnold, Jack" <jack_arnold@fws.gov>, Pete Benjamin <Pete_Benjamin@fws.gov>
Subject: Re: Action - Fwd: [EXTERNAL] Checking In

Leo,

The mortality on the refuge was a collared red wolf.

We currently have 16 red wolves with radio collars.

Respectfully,

Joe Madison
Assistant Field Supervisor
Red Wolf Recovery Program
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
[100 Conservation Way](#)
[Manteo, NC 27954](#)
Office: [\(252\) 473-1132 ext 245](#)
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Atlanta, GA 30345
404-679-7311 office
404-679-7081 fax
703-789-5620 cell

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----- Forwarded message -----

From: **Leopoldo Miranda** <leopoldo_miranda@fws.gov>
Date: Sun, Feb 24, 2019 at 7:48 AM
Subject: Action - Fwd: [EXTERNAL] Checking In
To: Jack Arnold <jack_arnold@fws.gov>
Cc: <michael_oetker@fws.gov>

Jack,

See below. Could you check with the folks in NC about any RW mortalities and the one comment about dead collar battery? Also, let's get the info on the telemetry ASAP.

Thanks!

Leo

Leopoldo Miranda, Regional Director
USFWS, Southeast Region
[404-679-4000](tel:404-679-4000)

Sent from my iPhone

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Begin forwarded message:

From: "Myers, Gordon S."
<gordon.myers@ncwildlife.org>
Date: February 23, 2019 at 11:08:33 AM EST

To: "Miranda, Leopoldo
(Leopoldo_Miranda@fws.gov)"
<Leopoldo_Miranda@fws.gov>
Subject: [EXTERNAL] Checking In

Good morning Leo,

As you know there was a terribly sad and horrific attack on a woman in Beaufort County a little over a week ago. In the past week, there have been many questions asked and we have been doing all we can to assist the Beaufort County Sheriff's Office in their investigation. We have compiled and reviewed our data for the canids we are tracking using satellite collars; however, we do not have information about canids the FWS is tracking using RF collars.

I have heard reports that a collared wolf with a drained battery was trapped in the past couple of weeks. Further, I have also heard there was a collared wolf mortality event.

Do you have any information associated with the reports?

Thank you very much and I look forward to catching up with you soon.

Best regards,

Gordon

Gordon Myers | Executive Director

N.C. Wildlife Resources Commission

Mailing Address: 1701 Mail Service Center

Raleigh, North Carolina 27699-1701

919.707.0151 | 919.810.5271

ncwildlife.org

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--

Michelle Eversen

Ecological Services Program Supervisor for NC, SC, GA, KY, TN and the Caribbean
Southeast Region
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954

1-404-632-9331 (Mobile)

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Southeast Region
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Manteo, NC 27954

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<red_wolf_locations_030119_v3_reduced.pdf>

Michelle Eversen <michelle_eversen@fws.gov>

From: Michelle Eversen <michelle_eversen@fws.gov>
Sent: Sat Mar 02 2019 08:51:54 GMT-0700 (MST)
To: Leopoldo Miranda <leopoldo_miranda@fws.gov>
Pete Benjamin <Pete_Benjamin@fws.gov>, Joseph Madison
CC: <joseph_madison@fws.gov>, Jack Arnold
<jack_arnold@fws.gov>
Subject: Re: Action - Fwd: [EXTERNAL] Checking In

Sorry hadn't read the whole thread. Thanks Joe for the response to Leo's questions.

Sent from my iPhone

On Mar 2, 2019, at 10:49 AM, Michelle Eversen <michelle_eversen@fws.gov> wrote:

I believe it was a collared wolf. I will Joe answer the count question.

Sent from my iPhone

On Mar 1, 2019, at 6:27 PM, Leopoldo Miranda <leopoldo_miranda@fws.gov> wrote:

I think this is good enough map. And thanks for the info on the mortality event. Was it a collared animal?

How many collared animals do we currently have?

Leo

Leopoldo Miranda, Regional Director
USFWS, Southeast Region
[404-679-4000](tel:404-679-4000)

Sent from my iPhone

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On Mar 1, 2019, at 6:19 PM, Eversen, Michelle <michelle_eversen@fws.gov> wrote:

Leo -

In response to your first question - The field does not have home range data that could be used to map polygons of individual animals. They do not collect that level of data from the plane flights because it would be such a large area of potential location per each animal because of the elevation of the flight. What they do document is mortalities which they then follow-up on using ground telemetry to recover the collar and carcass. They also document if an individual wolf is somewhere other than where the known packs are normally and even then it is not a Lat Long data point but rather a notation on the flight map. So what I have worked up with them is the attached map. It shows the points where packs are generally and where individuals have been documented repeatedly and most recently away from packs. It also depicts the reproductive status of those animals and the packs to the extent that we are aware (i.e. intact alpha male and female or with a Sterilized Coyote or packs for which we know they lost either alpha male or female but for which the current status is unknown). I know that you will have

additional questions about the map. Please give me a call to discuss so we can modify it as needed and where possible.

In response to your second question regarding the red wolf mortality. The mortality was discovered by Service Staff near the road and is being investigated by Refuge Law Enforcement because it occurred on the Refuge. The COD is still under investigation but the preliminary information which is the ex-ray indicates some kind of fragments but we will need the lab to confirm if they are gravel from a collision or gunshot fragments.

Michelle

On Fri, Mar 1, 2019 at 9:08 AM Arnold, Jack
<jack_arnold@fws.gov> wrote:

Update - Leo stopped in this morning; he needs this information by Monday at the latest. Maps can be emailed.

You can email them directly to him - just cc me.

Thanks,

Jack Arnold
Acting Assistant Regional Director - Ecological Services
U.S. Fish and Wildlife Service
1875 Century Blvd.
Atlanta, GA 30345
404-679-7311 office
404-679-7081 fax
703-789-5620 cell

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On Thu, Feb 28, 2019 at 5:51 PM Arnold, Jack
<jack_arnold@fws.gov> wrote:

Thanks for the note. I shared with Leo.

He would like a couple things:

1) he would like the maps that depict the collared wolf home ranges - he said the field office should have those - for all known/collared wolves. He asked for this info for the last several flights....

2) regarding the 1/2/19 wolf mortality referenced in your note - this occurred during the shutdown; he'd like to

know how this mortality was discovered. And is OLE investigating, or Refuge LE? He also would like to know if we have a suspected COD (e.g. auto-wolf collision? gunshot?) - even if still under investigation.

How quickly can you provide - he wants to get back to Gordon.

Thanks,

Jack Arnold
Acting Assistant Regional Director - Ecological Services
U.S. Fish and Wildlife Service
1875 Century Blvd.
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On Wed, Feb 27, 2019 at 3:14 PM Eversen, Michelle <michelle_eversen@fws.gov> wrote:

Jack -

Regarding the attack on the woman in Beaufort County, as you are aware, our Field Folks have been speaking with the Sheriff almost daily to ensure that we provide them whatever information may be helpful to the investigation. As we shared with Sheriff, we conducted our standard weekly aerial telemetry monitoring flight, February 14th, the day before the attack and no collared red wolves were in close proximity to that area. We do not record the specific locations as part of these flights only that they are within their home range and alive so I am not sure what more data we could provide Gordon.

As to the other questions in Gordon Myers Inquiry dated 02/23/19

- There have been no captures of red wolves with radio collars with batteries that were dead this trapping season. The closest thing we are aware of to what Gordon describes is that WRC recaptured a coyote with a GPS collar that was no longer functioning.

- There has been one red wolf mortality in the last 6 months and that was a mortality discovered on Alligator River National Wildlife Refuge on January 2, 2019. The cause of death is still under investigation by USFWS LE.

Please let us know if you have any questions.

Michelle

On Mon, Feb 25, 2019 at 5:39 PM Arnold, Jack
<jack_arnold@fws.gov> wrote:

Michelle and Pete - can you please provide the info
Leo is requesting? How long would it take to get the
telemetry data for our collared wolves? Based on
Leo's note I believe he wants to share with Gordon....

Feel free to call if you want to discuss...

Thanks,

Jack Arnold
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From: **Leopoldo Miranda**
<leopoldo_miranda@fws.gov>
Date: Sun, Feb 24, 2019 at 7:48 AM
Subject: Action - Fwd: [EXTERNAL] Checking In
To: Jack Arnold <jack_arnold@fws.gov>
Cc: <michael_oetker@fws.gov>

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Thanks!

Leo

Leopoldo Miranda, Regional Director
USFWS, Southeast Region
[404-679-4000](tel:404-679-4000)

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From: "Myers, Gordon S."
<gordon.myers@ncwildlife.org>
Date: February 23, 2019 at 11:08:33 AM EST
To: "Miranda, Leopoldo"
(Leopoldo_Miranda@fws.gov)"
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<red_wolf_locations_030119_v3_reduced.pdf>

Leopoldo Miranda <leopoldo_miranda@fws.gov>

From: Leopoldo Miranda <leopoldo_miranda@fws.gov>
Sent: Mon Mar 04 2019 03:25:06 GMT-0700 (MST)
To: Michelle Eversen <michelle_eversen@fws.gov>
CC: Pete Benjamin <Pete_Benjamin@fws.gov>, Joseph Madison <joseph_madison@fws.gov>, Jack Arnold <jack_arnold@fws.gov>
Subject: Re: Action - Fwd: [EXTERNAL] Checking In

Thank you Joe and Michelle!!! I'm trying to get ready for the North American Conference. I'm sure I will get questions about these facts.

Leo

Leopoldo Miranda, Regional Director
USFWS, Southeast Region
[404-679-4000](tel:404-679-4000)

Sent from my iPhone

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To: Jack Arnold <jack_arnold@fws.gov>
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Michelle Eversen

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Manteo, NC 27954

1-404-632-9331 (Mobile)

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Michelle Eversen

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<red_wolf_locations_030119_v3_reduced.pdf>

"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Thu May 23 2019 15:00:37 GMT-0600 (MDT)
To: Pete Benjamin <pete_benjamin@fws.gov>
Subject: Fwd: Action - Fwd: [EXTERNAL] Checking In
Attachments: flight_sheet_021419_freqs_redacted.pdf

See the message below as a refresher before the County Commissioner's meeting regarding red wolf locations.

Also, in looking at the monitoring flight record for February 14, the day before the flight, the closest collared red wolf was the female that uses the refuge in the Pungo area. There are no written notes, but there is a check mark next to her on the sheet which indicates that she is within the area of normal use, which is approximately 4 air miles away from where the attack happened. If she had been somewhere unexpected it would have specifically been noted on the sheet. We have never tracked her or documented her in close proximity to the attack site either previous to or following the incident.

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

----- Forwarded message -----

From: **Madison, Joseph** <joseph_madison@fws.gov>
Date: Wed, Feb 27, 2019 at 1:45 PM
Subject: Re: Action - Fwd: [EXTERNAL] Checking In
To: Eversen, Michelle <michelle_eversen@fws.gov>
Cc: Pete Benjamin <pete_benjamin@fws.gov>

Response to Gordon Myers Inquiry on 02/23/19

- There have been no captures of red wolves with radio collars with batteries that were dead this trapping season. The closest thing we are aware of to what Gordon describes is that WRC recaptured a coyote with a GPS collar that was no longer functioning.
- There has been one red wolf mortality in the last 6 months and that was a mortality discovered on Alligator River National Wildlife Refuge on January 2, 2019. The cause of death is still under investigation by USFWS LE.
- Regarding radio telemetry data, we do not have data in the sense that we do not collect precise locations or tracking data for collared red wolves. Aerial monitoring flights are conducted once a week (weather permitting) and determine the general location of individual red wolves or packs in general terms of whether or not they are within their expected home range, and to determine if there are any mortality signals.
 - o Telemetry flights over the past few weeks have been conducted on February 14 and February 26. There have been no noteworthy changes in red wolf locations outside of expected use areas.
 - o With respect to the animal attack in Pantego on February 15, the location of the attack is not within the home range of any known red wolves. Additionally, based on a telemetry flight conducted the day before the attack, no collared red wolf was in close proximity to that area.

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

|

Conversation Contents

News from WRC

"Benjamin, Pete" <pete_benjamin@fws.gov>

From: "Benjamin, Pete" <pete_benjamin@fws.gov>
Sent: Wed Oct 11 2017 08:56:35 GMT-0600 (MDT)
To: Joseph Madison <joseph_madison@fws.gov>
Subject: News from WRC

I just got off the phone with David Cobb. He informs that Gordon has approved their plan to study sympatric canids on the AP. Andrea is moving forward with ordering more collars. Brandon will be reaching out to you shortly to set up a meeting to coordinate. He is supposed to be sending me the study plan. I'll share as soon as I see it. He had other news as well.

Pete Benjamin
Field Supervisor
Raleigh ES Field Office
U.S. Fish and Wildlife Service
551F Pylon Drive
Raleigh, NC 27606
Office: (919) 856-4520 x 11
Mobile: (919) 816-6408

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"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Wed Oct 11 2017 10:05:25 GMT-0600 (MDT)
To: "Benjamin, Pete" <pete_benjamin@fws.gov>
Subject: Re: News from WRC

Pete,

That's very interesting, to say the least. It also raises all sorts of questions, but I'm hoping at least the majority of them are answered by the study plan. Hopefully you receive that before too long and well before Brandon reaches out to set up a meeting. We had been wondering what Andrea's status was and had kind of assumed Gordon hadn't approved the project, so it will be interesting to see what he was will to approve.

And of course I'm curious what the other news was.

Joe Madison
Assistant Field Supervisor
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service

100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

On Wed, Oct 11, 2017 at 10:56 AM, Benjamin, Pete <pete_benjamin@fws.gov> wrote:

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Label: "Mar 2019 FOIA/Trapping"

Created by: joseph_madison@fws.gov

Total Messages in label: 271 (48 conversations)

Created: 05-31-2019 at 11:52 AM

Conversation Contents

St. Vincent Trapping

"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Thu Feb 21 2019 10:45:25 GMT-0700 (MST)
To: "Smith, Bradley" <bradley_smith@fws.gov>
Subject: St. Vincent Trapping

Bradley,

Just wanted to check in and see how the capture operations were coming along at St. Vincent. We've not had a lot of luck with our trapping season here because of weather and limited access though we're hoping to get a little more done in some areas.

Thanks,

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

Bradley Smith <bradley_smith@fws.gov>

From: Bradley Smith <bradley_smith@fws.gov>
Sent: Thu Feb 21 2019 13:54:54 GMT-0700 (MST)
To: "Madison, Joseph" <joseph_madison@fws.gov>
Subject: Re: St. Vincent Trapping

Hi Joe,

Trapping is off to a slow start here to as well unfortunately. I had one pull out of a trap last week so they are definitely on to me. I've got a bunch of traps out and am trying a variety of attractants so hopefully we'll get them soon.

Best,

Bradley

Sent from my iPhone

On Feb 21, 2019, at 12:45 PM, Madison, Joseph <joseph_madison@fws.gov> wrote:

Bradley,

Just wanted to check in and see how the capture operations were coming along at St. Vincent. We've not had a lot of luck with our trapping season here because of weather and limited access though we're hoping to get a little more done in some areas.

Thanks,

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

Label: "Mar 2019 FOIA/WRC Study"

Created by: joseph_madison@fws.gov

Total Messages in label: 102 (19 conversations)

Created: 05-31-2019 at 12:42 PM

"Shiple, Andrea J" <andrea.shiple@ncwildlife.org>

From: "Shiple, Andrea J" <andrea.shiple@ncwildlife.org>
Sent: Mon Sep 17 2018 08:18:45 GMT-0600 (MDT)
To: Joseph Madison <joseph_madison@fws.gov>, "Benjamin, Pete" <pete_benjamin@fws.gov>, Michael Morse <michael_l_morse@fws.gov>, "ryan_nordsven (ryan_nordsven@fws.gov)" <ryan_nordsven@fws.gov>, "Shaun Olson (shaun_olson@fws.gov)" <shaun_olson@fws.gov>
CC: "McAlister, John W" <john.mcalister@ncwildlife.org>, "Schweitzer, Sara H" <sara.schweitzer@ncwildlife.org>, "Cobb, David T." <david.cobb@ncwildlife.org>
Subject: [EXTERNAL] Canid Project Collaborative Meeting
Attachments: image001.png image002.png image003.png image004.png

Hi All,

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<https://doodle.com/poll/cz3y96y37czf6dgz>

Hopefully most, if not all, of us will be able to meet before the trapping season opens.

Hope you all fared well with the hurricane,

Andrea

Andrea J. Shiple
Mammalogist, Wildlife Diversity Program

NC Wildlife Resources Commission
Mailing Address: PO Box 209
Castalia, North Carolina 27816
office: 919-495-4001
mobile: 919-208-9200

ncwildlife.org



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"Shiple, Andrea J" <andrea.shiple@ncwildlife.org>

From: "Shiple, Andrea J" <andrea.shiple@ncwildlife.org>

Sent: Mon Sep 24 2018 08:24:38 GMT-0600 (MDT)
Joseph Madison <joseph_madison@fws.gov>, "Benjamin, Pete" <pete_benjamin@fws.gov>, Michael Morse <michael_l_morse@fws.gov>, "ryan_nordsven (ryan_nordsven@fws.gov)" <ryan_nordsven@fws.gov>, "Shaun Olson (shaun_olson@fws.gov)" <shaun_olson@fws.gov>
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From: Shipley, Andrea J
Sent: Monday, September 17, 2018 10:19 AM
To: Joseph Madison <joseph_madison@fws.gov>; Benjamin, Pete <pete_benjamin@fws.gov>; Michael Morse <michael_l_morse@fws.gov>; ryan_nordsven (ryan_nordsven@fws.gov) <ryan_nordsven@fws.gov>; Shaun Olson (shaun_olson@fws.gov) <shaun_olson@fws.gov>
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"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Mon Sep 24 2018 09:55:26 GMT-0600 (MDT)
To: "Shipley, Andrea J" <andrea.shipley@ncwildlife.org>
Subject: Re: [EXTERNAL] RE: Canid Project Collaborative Meeting
image001.png image002.png image003.png image004.png
Attachments: image003.png image004.png image001.png image001.png
image002.png image004.png image002.png image003.png

Andrea,

Sorry none of the Manteo ES folks have responded to the meeting poll yet. I just did, but they may not be able to respond for a couple of days because they are gone, except Shaun. I can tell you that Shaun is not available for any of the proposed meeting dates so don't factor him in, and that none of us are available the week of October 22 through 26 for various reasons.

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Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

On Mon, Sep 24, 2018 at 10:24 AM Shipley, Andrea J <andrea.shipley@ncwildlife.org> wrote:
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"Shipley, Andrea J" <andrea.shipley@ncwildlife.org>

From: "Shipley, Andrea J" <andrea.shipley@ncwildlife.org>
Sent: Mon Sep 24 2018 10:15:11 GMT-0600 (MDT)
To: "Madison, Joseph" <joseph_madison@fws.gov>
Subject: RE: [EXTERNAL] RE: Canid Project Collaborative Meeting
Attachments: image001.png image002.png image003.png image004.png

Hi Joe,

Much appreciated! I'll be sure to factor all of that in when getting a final date selected.

Thanks,

Andrea

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From: Madison, Joseph <joseph_madison@fws.gov>

Sent: Monday, September 24, 2018 11:55 AM
To: Shipley, Andrea J <andrea.shipley@ncwildlife.org>
Subject: Re: [EXTERNAL] RE: Canid Project Collaborative Meeting

CAUTION: External email. Do not click links or open attachments unless verified. Send all suspicious email as an attachment to [Report Spam](#).

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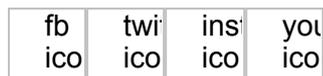
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"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Mon Sep 24 2018 11:08:33 GMT-0600 (MDT)
To: "Morse, Michael" <michael_l_morse@fws.gov>, Ryan Nordsven <ryan_nordsven@fws.gov>
Subject: Fwd: [EXTERNAL] RE: Canid Project Collaborative Meeting
Attachments: image001.png image002.png image003.png image004.png

Respond to this poll when you are able. I have already told Andrea that neither of you are available the week of October 22. If I was a betting man, my bet would be that the meeting will be held on November 6 based on the poll responses already submitted.

Joe Madison
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----- Forwarded message -----

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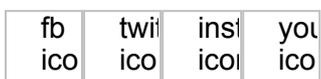
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"Shipley, Andrea J" <andrea.shipley@ncwildlife.org>

From: "Shipley, Andrea J" <andrea.shipley@ncwildlife.org>
Sent: Tue Sep 25 2018 06:47:09 GMT-0600 (MDT)
Joseph Madison <joseph_madison@fws.gov>, "Benjamin, Pete" <pete_benjamin@fws.gov>, Michael Morse <michael_l_morse@fws.gov>, "ryan_nordsven (ryan_nordsven@fws.gov)" <ryan_nordsven@fws.gov>, "Shaun Olson (shaun_olson@fws.gov)" <shaun_olson@fws.gov>
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From: "Shipley, Andrea J" <andrea.shipley@ncwildlife.org>
Sent: Thu Sep 27 2018 11:26:58 GMT-0600 (MDT)
Joseph Madison <joseph_madison@fws.gov>, "Benjamin, Pete" <pete_benjamin@fws.gov>, Michael Morse <michael_l_morse@fws.gov>, "ryan_nordsven"
To: <michael_l_morse@fws.gov>, "ryan_nordsven"

CC: (ryan_nordsven@fws.gov)" <ryan_nordsven@fws.gov>, "Shaun Olson (shaun_olson@fws.gov)" <shaun_olson@fws.gov>
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Good Afternoon,

November 6th did end up rising to the top of the selection of dates, so I have booked us a meeting space at Pocosin Lakes visitor center in Columbia from 1:30-3:30PM that day. We'll be meeting in the smaller classroom space since we are a smaller group this year.

Please let me know if there is any conflict with this time range on November 6th.

Thanks,

Andrea

Andrea J. Shipley
Mammalogist, Wildlife Diversity Program

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Sent: Tuesday, September 25, 2018 8:47 AM
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mobile: 919-208-9200

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From: Shipley, Andrea J
Sent: Monday, September 17, 2018 10:19 AM
To: Joseph Madison <joseph_madison@fws.gov>; Benjamin, Pete <pete_benjamin@fws.gov>; Michael Morse <michael_l_morse@fws.gov>; ryan_nordsven (ryan_nordsven@fws.gov) <ryan_nordsven@fws.gov>; Shaun Olson (shaun_olson@fws.gov) <shaun_olson@fws.gov>
Cc: McAlister, John W <john.mcalister@ncwildlife.org>; Schweitzer, Sara H

<sara.schweitzer@ncwildlife.org>; David T. Cobb (david.cobb@ncwildlife.org)
<david.cobb@ncwildlife.org>

Subject: Canid Project Collaborative Meeting

Importance: High

Hi All,

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<https://doodle.com/poll/cz3y96y37czf6dgz>

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Hope you all fared well with the hurricane,

Andrea

Andrea J. Shipley

Mammalogist, Wildlife Diversity Program

NC Wildlife Resources Commission

Mailing Address: PO Box 209

Castalia, North Carolina 27816

office: 919-495-4001

mobile: 919-208-9200

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"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Mon Oct 22 2018 09:58:21 GMT-0600 (MDT)
To: "Martin, Rebekah" <rebekah_p_martin@fws.gov>, "Lanier, Scott" <scott_lanier@fws.gov>, "Harrison, Rebecca" <rebecca_harrison@fws.gov>, Arthur Beyer <arthur_beyer@fws.gov>
Subject: Fwd: [EXTERNAL] RE: Canid Project Collaborative Meeting

I apologize for not having looped Refuges in sooner to this meeting.

Just so you are aware, internally we have discussed several different possibilities regarding our trapping efforts this year, but until we get further information on any summary judgment ruling or specific questions answered on the 10(j), we are not finalizing what we will be doing on the

ground. I'll keep you posted as that gets more solidified.

Thanks,

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

----- Forwarded message -----

From: **Shiple, Andrea J** <andrea.shiple@ncwildlife.org>
Date: Thu, Sep 27, 2018 at 1:27 PM
Subject: [EXTERNAL] RE: Canid Project Collaborative Meeting
To: Joseph Madison <joseph_madison@fws.gov>, Benjamin, Pete <pete_benjamin@fws.gov>, Michael Morse <michael_l_morse@fws.gov>, ryan_nordsven (<ryan_nordsven@fws.gov>) <ryan_nordsven@fws.gov>, Shaun Olson (<shaun_olson@fws.gov>) <shaun_olson@fws.gov>
Cc: McAlister, John W <john.mcalister@ncwildlife.org>, Schweitzer, Sara H <sara.schweitzer@ncwildlife.org>, Cobb, David T. <david.cobb@ncwildlife.org>

Good Afternoon,

November 6th did end up rising to the top of the selection of dates, so I have booked us a meeting space at Pocosin Lakes visitor center in Columbia from 1:30-3:30PM that day. We'll be meeting in the smaller classroom space since we are a smaller group this year.

Please let me know if there is any conflict with this time range on November 6th.

Thanks,

Andrea

Andrea J. Shiple
Mammalogist, Wildlife Diversity Program

NC Wildlife Resources Commission
Mailing Address: PO Box 209
Castalia, North Carolina 27816
office: 919-495-4001
mobile: 919-208-9200

ncwildlife.org

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Morse <michael_l_morse@fws.gov>; ryan_nordsven (ryan_nordsven@fws.gov) <ryan_nordsven@fws.gov>; Shaun Olson (shaun_olson@fws.gov) <shaun_olson@fws.gov>
Cc: McAlister, John W <john.mcalister@ncwildlife.org>; Schweitzer, Sara H <sara.schweitzer@ncwildlife.org>; David T. Cobb (david.cobb@ncwildlife.org) <david.cobb@ncwildlife.org>
Subject: Canid Project Collaborative Meeting
Importance: High

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office: 919-495-4001
mobile: 919-208-9200

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"Shipley, Andrea J" <andrea.shipley@ncwildlife.org>

From: "Shipley, Andrea J" <andrea.shipley@ncwildlife.org>
Sent: Fri Nov 02 2018 04:51:56 GMT-0600 (MDT)
Joseph Madison <joseph_madison@fws.gov>, "Benjamin, Pete" <pete_benjamin@fws.gov>, Michael Morse <michael_l_morse@fws.gov>, "ryan_nordsven (ryan_nordsven@fws.gov)" <ryan_nordsven@fws.gov>, "Shaun Olson (shaun_olson@fws.gov)" <shaun_olson@fws.gov>
To: "McAlister, John W" <john.mcalister@ncwildlife.org>, "Schweitzer, Sara H" <sara.schweitzer@ncwildlife.org>, "Cobb, David T." <david.cobb@ncwildlife.org>
CC:

Subject: [EXTERNAL] RE: Canid Project Collaborative Meeting
Attachments: image001.png image002.png image003.png image004.png
USFWS x WRC Meeting Agenda 2018-11-06 (1).docx

Good morning,

Looking forward to seeing you all on Tuesday (hope everyone was able to vote early!) – I've attached a one-sheet agenda for the meeting.

Please let me know if any questions or concerns come up between now and then.

All the best,

Andrea

Andrea J. Shipley
Mammalogist, Wildlife Diversity Program

NC Wildlife Resources Commission
Mailing Address: PO Box 209
Castalia, North Carolina 27816
office: 919-495-4001
mobile: 919-208-9200

ncwildlife.org



Email correspondence to and from this sender is subject to the N.C. Public Records Law and may be disclosed to third parties.

From: Shipley, Andrea J
Sent: Monday, September 24, 2018 10:24 AM
To: Joseph Madison <joseph_madison@fws.gov>; Benjamin, Pete <pete_benjamin@fws.gov>; Michael Morse <michael_l_morse@fws.gov>; ryan_nordsven (ryan_nordsven@fws.gov) <ryan_nordsven@fws.gov>; Shaun Olson (shaun_olson@fws.gov) <shaun_olson@fws.gov>
Cc: McAlister, John W <john.mcalister@ncwildlife.org>; Schweitzer, Sara H <sara.schweitzer@ncwildlife.org>; David T. Cobb (david.cobb@ncwildlife.org) <david.cobb@ncwildlife.org>
Subject: RE: Canid Project Collaborative Meeting
Importance: High

Doodle poll reminder since October is just around the corner.

I would like to get a date set by the end of the week. Please let me know if you have any questions or concerns.

Thanks,

Andrea

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"Cobb, David T." <david.cobb@ncwildlife.org>

From: "Cobb, David T." <david.cobb@ncwildlife.org>
Sent: Fri Nov 02 2018 07:15:54 GMT-0600 (MDT)
To: "Shiple, Andrea J" <andrea.shiple@ncwildlife.org>, Joseph Madison <joseph_madison@fws.gov>, "Benjamin, Pete" <pete_benjamin@fws.gov>, Michael Morse <michael_l_morse@fws.gov>, "ryan_nordsven (ryan_nordsven@fws.gov)" <ryan_nordsven@fws.gov>, "Shaun Olson (shaun_olson@fws.gov)" <shaun_olson@fws.gov>
CC: "McAlister, John W" <john.mcalister@ncwildlife.org>, "Schweitzer, Sara H" <sara.schweitzer@ncwildlife.org>
Subject: [EXTERNAL] RE: Canid Project Collaborative Meeting
Attachments: image005.png image006.png image007.png image008.png image009.png image010.png image011.png image012.png

All,

Unfortunately, I will not be able to be there in person as there are several meetings here on Tuesday in which I must participate. However, I will call in and hopefully only have to “bug out” for short segments.

David

David T. Cobb, Ph.D.
Certified Wildlife Biologist
National Conservation Leadership Institute Fellow

Chief, Wildlife Management Division
N.C. Wildlife Resources Commission
1722 Mail Service Center
Raleigh, NC 27699-1722
919.707.0051
ncwildlife.org



From: Shiple, Andrea J
Sent: Friday, November 02, 2018 6:52 AM
To: Joseph Madison <joseph_madison@fws.gov>; Benjamin, Pete <pete_benjamin@fws.gov>; Michael Morse <michael_l_morse@fws.gov>; ryan_nordsven (ryan_nordsven@fws.gov) <ryan_nordsven@fws.gov>; Shaun Olson (shaun_olson@fws.gov) <shaun_olson@fws.gov>
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Label: "Mar 2019 FOIA/Trapping"

Created by: joseph_madison@fws.gov

Total Messages in label: 271 (48 conversations)

Created: 05-31-2019 at 11:52 AM

Conversation Contents

[EXTERNAL] Decision Tree

Attachments:

/14. [EXTERNAL] Decision Tree/1.1 image001.png
/14. [EXTERNAL] Decision Tree/1.2 image002.png
/14. [EXTERNAL] Decision Tree/1.3 image003.png
/14. [EXTERNAL] Decision Tree/1.4 image004.png
/14. [EXTERNAL] Decision Tree/1.5 Pilot Study - Using Fine Scale GPS Technology to Research Sympatric Canid Pop'n Dynamics_Draft_19Feb2018.pdf
/14. [EXTERNAL] Decision Tree/2.1 Red_Wolf_Summ_Judgement_ORDER.11.5.18.pdf
/14. [EXTERNAL] Decision Tree/3.1 image001.png
/14. [EXTERNAL] Decision Tree/3.2 image002.png
/14. [EXTERNAL] Decision Tree/3.3 image003.png
/14. [EXTERNAL] Decision Tree/3.4 image004.png
/14. [EXTERNAL] Decision Tree/4.1 image001.png
/14. [EXTERNAL] Decision Tree/4.2 image002.png
/14. [EXTERNAL] Decision Tree/4.3 image003.png
/14. [EXTERNAL] Decision Tree/4.4 image004.png
/14. [EXTERNAL] Decision Tree/5.1 image001.png
/14. [EXTERNAL] Decision Tree/5.2 image002.png
/14. [EXTERNAL] Decision Tree/5.3 image003.png
/14. [EXTERNAL] Decision Tree/5.4 image004.png
/14. [EXTERNAL] Decision Tree/6.1 image001.png
/14. [EXTERNAL] Decision Tree/6.2 image002.png
/14. [EXTERNAL] Decision Tree/6.3 image003.png
/14. [EXTERNAL] Decision Tree/6.4 image004.png
/14. [EXTERNAL] Decision Tree/6.5 image004.png
/14. [EXTERNAL] Decision Tree/6.6 image001.png
/14. [EXTERNAL] Decision Tree/6.7 image002.png
/14. [EXTERNAL] Decision Tree/6.8 image003.png
/14. [EXTERNAL] Decision Tree/7.1 image001.png
/14. [EXTERNAL] Decision Tree/7.2 image002.png
/14. [EXTERNAL] Decision Tree/7.3 image003.png
/14. [EXTERNAL] Decision Tree/7.4 image004.png
/14. [EXTERNAL] Decision Tree/8.1 image001.png
/14. [EXTERNAL] Decision Tree/8.2 image002.png
/14. [EXTERNAL] Decision Tree/8.3 image003.png
/14. [EXTERNAL] Decision Tree/8.4 image004.png
/14. [EXTERNAL] Decision Tree/9.1 image001.png
/14. [EXTERNAL] Decision Tree/9.2 image002.png
/14. [EXTERNAL] Decision Tree/9.3 image003.png
/14. [EXTERNAL] Decision Tree/9.4 image004.png
/14. [EXTERNAL] Decision Tree/10.1 image001.png
/14. [EXTERNAL] Decision Tree/10.2 image002.png
/14. [EXTERNAL] Decision Tree/10.3 image003.png
/14. [EXTERNAL] Decision Tree/10.4 image004.png
/14. [EXTERNAL] Decision Tree/11.1 image001.png
/14. [EXTERNAL] Decision Tree/11.2 image002.png
/14. [EXTERNAL] Decision Tree/11.3 image003.png
/14. [EXTERNAL] Decision Tree/11.4 image004.png

"Shipley, Andrea J" <andrea.shipley@ncwildlife.org>

From: "Shipley, Andrea J" <andrea.shipley@ncwildlife.org>
Sent: Tue Nov 06 2018 17:31:57 GMT-0700 (MST)
To: Joseph Madison <joseph_madison@fws.gov>, "Benjamin, Pete" <pete_benjamin@fws.gov>, Michael Morse <michael_l_morse@fws.gov>, "ryan_nordsven (ryan_nordsven@fws.gov)" <ryan_nordsven@fws.gov>
Subject: [EXTERNAL] Decision Tree
Attachments: image001.png image002.png image003.png image004.png Pilot Study - Using Fine Scale GPS Technology to Research Sympatric Canid Pop'n Dynamics_Draft_19Feb2018.pdf

Great meeting today, thanks to you all for coming out and getting into the meat of things! I'm really looking forward to thinking and coordinating long term on canid management on the AP with you all and I believe we can work together to garner management support to expand on our current efforts in education and outreach.

I've attached the draft of the proposal that we're using currently – we never "finalized" it, but we haven't updated it at all since last February and I have no plans of doing any further updates at this point.

Would you all be able to send a copy of Judge Boyle's recent order? I'd love to read that.

Thanks again for your flexibility and understanding of the difficult "sticky" issues that we have to work through.

I'll be out in Hyde this winter a few times and can't wait!

All the best,

Andrea

Andrea J. Shipley
Mammalogist, Wildlife Diversity Program

NC Wildlife Resources Commission
Mailing Address: PO Box 209
Castalia, North Carolina 27816
office: 919-495-4001
mobile: 919-208-9200

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"Nordsven, Ryan" <ryan_nordsven@fws.gov>

From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>

Sent: Wed Nov 07 2018 06:19:38 GMT-0700 (MST)
To: "Shipley, Andrea J" <andrea.shipley@ncwildlife.org>
CC: Joseph Madison <joseph_madison@fws.gov>, "Benjamin, Pete" <pete_benjamin@fws.gov>, Michael Morse <michael_l_morse@fws.gov>
Subject: Re: [EXTERNAL] Decision Tree
Attachments: Red_Wolf_Summ_Judgement_ORDER.11.5.18.pdf

Thanks Andrea. Here's the recent ruling by Judge Boyle.

On Tue, Nov 6, 2018 at 7:31 PM, Shipley, Andrea J <andrea.shipley@ncwildlife.org> wrote:

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ncwildlife.org<<http://ncwildlife.org>>

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--
Ryan Nordsven
Wildlife Biologist

US Fish & Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 x 244
Cell: (252) 475-8353

"Shipley, Andrea J" <andrea.shipley@ncwildlife.org>

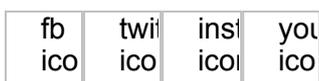
From: "Shipley, Andrea J" <andrea.shipley@ncwildlife.org>
Sent: Wed Nov 07 2018 06:24:06 GMT-0700 (MST)
To: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
CC: Joseph Madison <joseph_madison@fws.gov>, "Benjamin, Pete" <pete_benjamin@fws.gov>, Michael Morse <michael_l_morse@fws.gov>
Subject: RE: [EXTERNAL] Decision Tree
Attachments: image001.png image002.png image003.png image004.png

Thanks, Ryan!

Andrea J. Shipley
Mammalogist, Wildlife Diversity Program

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mobile: 919-208-9200

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From: Nordsven, Ryan <ryan_nordsven@fws.gov>
Sent: Wednesday, November 07, 2018 8:20 AM
To: Shipley, Andrea J <andrea.shipley@ncwildlife.org>
Cc: Joseph Madison <joseph_madison@fws.gov>; Benjamin, Pete <pete_benjamin@fws.gov>; Michael Morse <michael_l_morse@fws.gov>
Subject: Re: [EXTERNAL] Decision Tree

CAUTION: External email. Do not click links or open attachments unless verified. Send all suspicious email as an attachment to [Report Spam](#).

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Manteo, NC 27954
Office: (252) 473-1132 x 244
Cell: (252) 475-8353

"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Wed Nov 07 2018 09:28:26 GMT-0700 (MST)
To: "Shipley, Andrea J" <andrea.shipley@ncwildlife.org>
Subject: Re: [EXTERNAL] Decision Tree
Attachments: image001.png image002.png image003.png image004.png

Thanks Andrea!

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<https://wildliferesources.com/>

Thanks,

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

On Tue, Nov 6, 2018 at 7:33 PM Shipley, Andrea J <andrea.shipley@ncwildlife.org> wrote:

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I'll be out in Hyde this winter a few times and can't wait!

All the best,

Andrea

Andrea J. Shipley
Mammalogist, Wildlife Diversity Program

NC Wildlife Resources Commission
Mailing Address: PO Box 209
Castalia, North Carolina 27816
office: 919-495-4001
mobile: 919-208-9200

ncwildlife.org

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"Shiple, Andrea J" <andrea.shiple@ncwildlife.org>

From: "Shiple, Andrea J" <andrea.shiple@ncwildlife.org>
Sent: Wed Nov 07 2018 10:41:17 GMT-0700 (MST)
To: "Madison, Joseph" <joseph_madison@fws.gov>
Subject: RE: [EXTERNAL] Decision Tree
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fb ico	twi ico	inst ico	yo ico
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Sent: Wed Nov 07 2018 11:01:42 GMT-0700 (MST)
To: "Shipley, Andrea J" <andrea.shipley@ncwildlife.org>
Subject: Re: [EXTERNAL] Decision Tree
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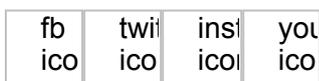
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Sent: Thu Nov 15 2018 12:17:37 GMT-0700 (MST)
To: "Shipley, Andrea J" <andrea.shipley@ncwildlife.org>
Subject: Fwd: [EXTERNAL] Decision Tree
Attachments: image001.png image002.png image003.png image004.png

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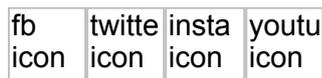
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Subject: Re: [EXTERNAL] Decision Tree

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Subject: RE: [EXTERNAL] Decision Tree
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Hey Joe,

March would be great timing, even though it's post trapping season – there would still be usefulness of attending either way. I would have to come up with a justification, perhaps we could work on that together – I think the angle would be staying on the same page long term with how we handle canids. I'll need to think about other potential participants... off the top of my head, it may be beneficial for Sara to attend, but I'm not sure she could dedicate 3 days to it.

I've got a couple of Wildlife Services contacts I'm happy to pass along:

1. Todd Menke: todd.a.menke@aphis.usda.gov
2. Aaron Bowden: aaron.bowden@aphis.usda.gov; 252.902.1755 (office), 252.343.3046 (cell)

Thanks for the update!

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On Wed, Nov 7, 2018 at 12:41 PM Shipley, Andrea J <andrea.shipley@ncwildlife.org> wrote:

This is great timing, Joe!

I attended Safe Capture this past August and very much appreciated that opportunity. We had set Worth up to attend in October, but Safe Capture cancelled all their remaining 2018 classes. Bummer.

It would be a boon for Worth to attend a course like this and since the Safe Capture course was more board, if this course is more wolf/large canid oriented, I may be able to justify attending as well. Will this is be a canid oriented course?

Let me know what you all end up doing and I'll do what's needed on my end to ensure that at least Worth attends, if not also myself.

Thanks for thinking of us,

Andrea

Andrea J. Shipley
Mammalogist, Wildlife Diversity Program

NC Wildlife Resources Commission

Mailing Address: PO Box 209
Castalia, North Carolina 27816
office: 919-495-4001
mobile: 919-208-9200

ncwildlife.org

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From: Madison, Joseph <joseph_madison@fws.gov>
Sent: Wednesday, November 07, 2018 11:28 AM
To: Shipley, Andrea J <andrea.shipley@ncwildlife.org>
Subject: Re: [EXTERNAL] Decision Tree

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Thanks Andrea!

One thing I meant to ask you about yesterday and forgot was regarding wildlife capture and immobilization training. I'm not sure what your requirements are, but we are required to take it periodically and looks like that will likely be every three years under the new rule. Anyway, we're all due and I was wondering what requirement you guys had, and if so, how you go about getting the training. I know there are existing ones out their like Safe Capture, but does the state attend those or do their own training, and are outside people allowed to attend yours if you do. I also ask because I used to work with a wildlife vet on the gray wolf project that gave us the training and I had him come to Yosemite every year many years ago when I was there to provide us the required training. I have recently contacted him about possibly coming here to do a training and was wondering if it was something any of the WRC staff would be interested in attending to increase the class size a bit more than just beyond us. Thoughts? Here's his website if you want to check it out:

<https://wildliferesources.com/>

Thanks,

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

On Tue, Nov 6, 2018 at 7:33 PM Shipley, Andrea J <andrea.shipley@ncwildlife.org> wrote:

Great meeting today, thanks to you all for coming out and getting into the meat of things! I'm really looking forward to thinking and coordinating long term on canid management on the AP with you all and I believe we can work together to garner management support to expand on our current efforts in education and outreach.

I've attached the draft of the proposal that we're using currently – we never “finalized” it, but we haven't updated it at all since last February and I have no plans of doing any further updates at this point.

Would you all be able to send a copy of Judge Boyle's recent order? I'd love to read that.

Thanks again for your flexibility and understanding of the difficult “sticky” issues that we have to work through.

I'll be out in Hyde this winter a few times and can't wait!

All the best,

Andrea

Andrea J. Shipley
Mammalogist, Wildlife Diversity Program

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mobile: 919-208-9200

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Label: "FOIA 20190531"

Created by:ryan_nordsven@fws.gov

Total Messages in label:255 (70 conversations)

Created: 06-12-2019 at 13:10 PM

Conversation Contents

[EXTERNAL] FW: HWI #036673 Activities Report

Attachments:

/15. [EXTERNAL] FW: HWI #036673 Activities Report/1.1 Canid Report 12_4_2018_JWM.docx
/15. [EXTERNAL] FW: HWI #036673 Activities Report/1.2 image001.png
/15. [EXTERNAL] FW: HWI #036673 Activities Report/1.3 image002.png
/15. [EXTERNAL] FW: HWI #036673 Activities Report/1.4 image003.png
/15. [EXTERNAL] FW: HWI #036673 Activities Report/1.5 image004.png
/15. [EXTERNAL] FW: HWI #036673 Activities Report/4.1 image001.png
/15. [EXTERNAL] FW: HWI #036673 Activities Report/4.2 image002.png
/15. [EXTERNAL] FW: HWI #036673 Activities Report/4.3 image003.png
/15. [EXTERNAL] FW: HWI #036673 Activities Report/4.4 image004.png
/15. [EXTERNAL] FW: HWI #036673 Activities Report/5.1 image001.png
/15. [EXTERNAL] FW: HWI #036673 Activities Report/5.2 image002.png
/15. [EXTERNAL] FW: HWI #036673 Activities Report/5.3 image003.png
/15. [EXTERNAL] FW: HWI #036673 Activities Report/5.4 image004.png
/15. [EXTERNAL] FW: HWI #036673 Activities Report/7.1 image001.png
/15. [EXTERNAL] FW: HWI #036673 Activities Report/7.2 image002.png
/15. [EXTERNAL] FW: HWI #036673 Activities Report/7.3 image003.png
/15. [EXTERNAL] FW: HWI #036673 Activities Report/7.4 image004.png
/15. [EXTERNAL] FW: HWI #036673 Activities Report/8.1 image001.png
/15. [EXTERNAL] FW: HWI #036673 Activities Report/8.2 image002.png
/15. [EXTERNAL] FW: HWI #036673 Activities Report/8.3 image003.png
/15. [EXTERNAL] FW: HWI #036673 Activities Report/8.4 image004.png

"Shipley, Andrea J" <andrea.shipley@ncwildlife.org>

From: "Shipley, Andrea J" <andrea.shipley@ncwildlife.org>
Sent: Wed Dec 05 2018 03:45:43 GMT-0700 (MST)
To: "ryan_nordsven (ryan_nordsven@fws.gov)" <ryan_nordsven@fws.gov>
Subject: [EXTERNAL] FW: HWI #036673 Activities Report
Attachments: Canid Report 12_4_2018_JWM.docx image001.png image002.png image003.png image004.png

Hey Ryan, Here is the summary of canid activities yesterday. Please let me know if you have any questions. I'm going to try to get to setting you up on Vectronics online platform tomorrow. Thanks, Andrea ----- Andrea J. Shipley
Mammalogist, Wildlife Diversity Program NC Wildlife Resources Commission Mailing Address:
PO Box 209 Castalia, North Carolina 27816 office: 919-495-4001 mobile: 919-208-9200
ncwildlife.org [fb icon][twitter icon][insta icon][youtube icon]

Email correspondence to and from this sender is subject to the N.C. Public Records Law and may be disclosed to third parties. From: Shipley, Andrea J Sent: Wednesday, December 05, 2018 4:58 AM To: David T. Cobb (david.cobb@ncwildlife.org) <david.cobb@ncwildlife.org>; Schweitzer, Sara H <sara.schweitzer@ncwildlife.org> Cc: McAlister, John W <john.mcalister@ncwildlife.org>;

Stanford, Evin <evin.stanford@ncwildlife.org>; Christopher J Kent (christopher.kent@ncwildlife.org) <christopher.kent@ncwildlife.org>; Turner, James C <chris.turner@ncwildlife.org>; Seamster, Mikayla <mikayla.seamster@ncwildlife.org> Subject: HWI #036673 Activities Report Importance: High Good morning, Attached you will find a report summarizing activities from yesterday's collared canid HWI call, submitted by Worth. Please let me know if you have any comments, questions, or concerns. Thank you, Andrea -----

----- Andrea J. Shipley Mammalogist, Wildlife Diversity Program NC Wildlife Resources Commission Mailing Address: PO Box 209 Castalia, North Carolina 27816 office: 919-495-4001 mobile: 919-208-9200 ncwildlife.org [fb icon][twitter icon] [insta icon][youtube icon] _____ Email correspondence to and from this sender is subject to the N.C. Public Records Law and may be disclosed to third parties.

"Nordsven, Ryan" <ryan_nordsven@fws.gov>

From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Sent: Wed Dec 05 2018 14:10:00 GMT-0700 (MST)
To: "Shipley, Andrea J" <andrea.shipley@ncwildlife.org>
Subject: Re: [EXTERNAL] FW: HWI #036673 Activities Report

Sounds good. Thanks Andrea.

On Wed, Dec 5, 2018 at 5:47 AM Shipley, Andrea J <andrea.shipley@ncwildlife.org> wrote:
Hey Ryan,

Here is the summary of canid activities yesterday.

Please let me know if you have any questions.

I'm going to try to get to setting you up on Vectronics online platform tomorrow.

Thanks,

Andrea

Andrea J. Shipley
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--
Ryan Nordsven
Wildlife Biologist
US Fish & Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 x 244
Cell: (252) 475-8353

"Nordsven, Ryan" <ryan_nordsven@fws.gov>

From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>

Sent: Mon Dec 10 2018 13:26:38 GMT-0700 (MST)
To: "Shipley, Andrea J" <andrea.shipley@ncwildlife.org>
Subject: Re: [EXTERNAL] FW: HWI #036673 Activities Report

Andrea,

Did you guys happen to get a weight on the Pinetown coyote? Or even a processing sheet if you don't mind sharing? Joe was curious and wanted me to ask. I think he is trying to compare photos I received from the trapper with some other photos he received of a different animal.

Also, I keep forgetting to mention and I'm sure you're aware, I noticed the GPS collar from the female wolf near Belhaven (collar 21863) stopped receiving locations on 10/25. Are you guys still able to track her via VHF?

Thank you,

Ryan

On Wed, Dec 5, 2018 at 5:47 AM Shipley, Andrea J <andrea.shipley@ncwildlife.org> wrote:
Hey Ryan,

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Please let me know if you have any questions.

I'm going to try to get to setting you up on Vectronics online platform tomorrow.

Thanks,

Andrea

Andrea J. Shipley
Mammalogist, Wildlife Diversity Program

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Cc: McAlister, John W <john.mcalister@ncwildlife.org>; Stanford, Evin <evin.stanford@ncwildlife.org>; Christopher J Kent (christopher.kent@ncwildlife.org)

<christopher.kent@ncwildlife.org>; Turner, James C <chris.turner@ncwildlife.org>; Seamster, Mikayla <mikayla.seamster@ncwildlife.org>

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Thank you,

Andrea

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Ryan Nordsven
Wildlife Biologist
US Fish & Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 x 244
Cell: (252) 475-8353

"Shipley, Andrea J" <andrea.shipley@ncwildlife.org>

From: "Shipley, Andrea J" <andrea.shipley@ncwildlife.org>
Sent: Mon Dec 10 2018 13:32:37 GMT-0700 (MST)
To: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Subject: RE: [EXTERNAL] FW: HWI #036673 Activities Report
Attachments: image001.png image002.png image003.png image004.png

I'll forward this on to Worth, but I don't believe he did get a weight or fill out a sheet. Worth did end up loosening the collar because the animal did grow some since last winter. Time and personnel were an issue that day, unfortunately...

Andrea J. Shipley
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From: Nordsven, Ryan <ryan_nordsven@fws.gov>
Sent: Monday, December 10, 2018 3:27 PM
To: Shipley, Andrea J <andrea.shipley@ncwildlife.org>
Subject: Re: [EXTERNAL] FW: HWI #036673 Activities Report

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Ryan Nordsven
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100 Conservation Way
Manteo, NC 27954

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Cell: (252) 475-8353

"Shipley, Andrea J" <andrea.shipley@ncwildlife.org>

From: "Shipley, Andrea J" <andrea.shipley@ncwildlife.org>
Sent: Mon Dec 10 2018 13:38:21 GMT-0700 (MST)
To: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Subject: RE: [EXTERNAL] FW: HWI #036673 Activities Report
Attachments: image001.png image002.png image003.png image004.png

Worth confirmed that they did not take a weight or fill out a sheet.

Andrea J. Shipley
Mammalogist, Wildlife Diversity Program

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Subject: Re: [EXTERNAL] FW: HWI #036673 Activities Report

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Ryan

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Cc: McAlister, John W <john.mcalister@ncwildlife.org>; Stanford, Evin <evin.stanford@ncwildlife.org>; Christopher J Kent (christopher.kent@ncwildlife.org) <christopher.kent@ncwildlife.org>; Turner, James C <chris.turner@ncwildlife.org>; Seamster, Mikayla <mikayla.seamster@ncwildlife.org>
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--
Ryan Nordsven
Wildlife Biologist
US Fish & Wildlife Service
100 Conservation Way
Manteo, NC 27954
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Cell: (252) 475-8353

"Nordsven, Ryan" <ryan_nordsven@fws.gov>

From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Sent: Mon Dec 10 2018 13:43:05 GMT-0700 (MST)
To: "Shiple, Andrea J" <andrea.shiple@ncwildlife.org>
Subject: Re: [EXTERNAL] FW: HWI #036673 Activities Report

That's fine. It was definitely an unexpected late night for you guys. Do you recall what he weighed last year by chance?

On Mon, Dec 10, 2018 at 3:32 PM Shiple, Andrea J <andrea.shiple@ncwildlife.org> wrote:
I'll forward this on to Worth, but I don't believe he did get a weight or fill out a sheet. Worth did end up loosening the collar because the animal did grow some since last winter. Time and personnel were an issue that day, unfortunately...

Andrea J. Shiple
Mammalogist, Wildlife Diversity Program

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From: Nordsven, Ryan <ryan_nordsven@fws.gov>
Sent: Monday, December 10, 2018 3:27 PM
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Subject: Re: [EXTERNAL] FW: HWI #036673 Activities Report

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--

Ryan Nordsven
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US Fish & Wildlife Service
100 Conservation Way
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Office: (252) 473-1132 x 244
Cell: (252) 475-8353

--

Ryan Nordsven
Wildlife Biologist
US Fish & Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 x 244
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"Shipley, Andrea J" <andrea.shipley@ncwildlife.org>

From: "Shipley, Andrea J" <andrea.shipley@ncwildlife.org>
Sent: Mon Dec 10 2018 15:13:55 GMT-0700 (MST)
To: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Subject: RE: [EXTERNAL] FW: HWI #036673 Activities Report
Attachments: image001.png image002.png image003.png image004.png

From his data sheet, he was 31 lbs at the time of capture in January.

Andrea J. Shipley
Mammalogist, Wildlife Diversity Program

NC Wildlife Resources Commission

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From: Nordsven, Ryan <ryan_nordsven@fws.gov>
Sent: Monday, December 10, 2018 3:43 PM
To: Shipley, Andrea J <andrea.shipley@ncwildlife.org>
Subject: Re: [EXTERNAL] FW: HWI #036673 Activities Report

CAUTION: External email. Do not click links or open attachments unless verified. Send all suspicious email as an attachment to [Report Spam](#).

That's fine. It was definitely an unexpected late night for you guys. Do you recall what he weighed last year by chance?

On Mon, Dec 10, 2018 at 3:32 PM Shipley, Andrea J <andrea.shipley@ncwildlife.org> wrote:

I'll forward this on to Worth, but I don't believe he did get a weight or fill out a sheet. Worth did end up loosening the collar because the animal did grow some since last winter. Time and personnel were an issue that day, unfortunately...

Andrea J. Shipley
Mammalogist, Wildlife Diversity Program

NC Wildlife Resources Commission

Mailing Address: PO Box 209
Castalia, North Carolina 27816
office: 919-495-4001
mobile: 919-208-9200

ncwildlife.org

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Email correspondence to and from this sender is subject to the N.C. Public Records Law and may be disclosed to third parties.

From: Nordsven, Ryan <ryan_nordsven@fws.gov>
Sent: Monday, December 10, 2018 3:27 PM
To: Shipley, Andrea J <andrea.shipley@ncwildlife.org>
Subject: Re: [EXTERNAL] FW: HWI #036673 Activities Report

CAUTION: External email. Do not click links or open attachments unless verified. Send all suspicious email as an attachment to [Report Spam](#).

Andrea,

Did you guys happen to get a weight on the Pinetown coyote? Or even a processing sheet if you don't mind sharing? Joe was curious and wanted me to ask. I think he is trying to compare photos I received from the trapper with some other photos he received of a different animal.

Also, I keep forgetting to mention and I'm sure you're aware, I noticed the GPS collar from the female wolf near Belhaven (collar 21863) stopped receiving locations on 10/25. Are you guys still able to track her via VHF?

Thank you,

Ryan

On Wed, Dec 5, 2018 at 5:47 AM Shipley, Andrea J <andrea.shipley@ncwildlife.org> wrote:

Hey Ryan,

Here is the summary of canid activities yesterday.

Please let me know if you have any questions.

I'm going to try to get to setting you up on Vectronics online platform tomorrow.

Thanks,

Andrea

Andrea J. Shipley
Mammalogist, Wildlife Diversity Program

NC Wildlife Resources Commission
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ncwildlife.org<<http://ncwildlife.org/>>

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From: Shipley, Andrea J
Sent: Wednesday, December 05, 2018 4:58 AM
To: David T. Cobb (david.cobb@ncwildlife.org) <david.cobb@ncwildlife.org>; Schweitzer, Sara H <sara.schweitzer@ncwildlife.org>
Cc: McAlister, John W <john.mcalister@ncwildlife.org>; Stanford, Evin <evin.stanford@ncwildlife.org>; Christopher J Kent (christopher.kent@ncwildlife.org) <christopher.kent@ncwildlife.org>; Turner, James C <chris.turner@ncwildlife.org>; Seamster, Mikayla <mikayla.seamster@ncwildlife.org>
Subject: HWI #036673 Activities Report
Importance: High

Good morning,

Attached you will find a report summarizing activities from yesterday's collared canid HWI call, submitted by Worth.

Please let me know if you have any comments, questions, or concerns.

Thank you,

Andrea

Andrea J. Shipley
Mammalogist, Wildlife Diversity Program

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Ryan Nordsven
Wildlife Biologist
US Fish & Wildlife Service
100 Conservation Way
Manteo, NC 27954
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Cell: (252) 475-8353

--

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100 Conservation Way
Manteo, NC 27954
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Cell: (252) 475-8353

"Nordsven, Ryan" <ryan_nordsven@fws.gov>

From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Sent: Mon Dec 10 2018 15:56:19 GMT-0700 (MST)
To: "Shipley, Andrea J" <andrea.shipley@ncwildlife.org>
Subject: Re: [EXTERNAL] FW: HWI #036673 Activities Report
Attachments: image001.png image002.png image003.png image004.png

Thanks Andrea. I'll pass it along.

On Mon, Dec 10, 2018 at 5:14 PM Shipley, Andrea J <andrea.shipley@ncwildlife.org> wrote:
From his data sheet, he was 31 lbs at the time of capture in January.

Andrea J. Shipley
Mammalogist, Wildlife Diversity Program

NC Wildlife Resources Commission

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office: 919-495-4001
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From: Nordsven, Ryan <ryan_nordsven@fws.gov>
Sent: Monday, December 10, 2018 3:43 PM
To: Shipley, Andrea J <andrea.shipley@ncwildlife.org>
Subject: Re: [EXTERNAL] FW: HWI #036673 Activities Report

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That's fine. It was definitely an unexpected late night for you guys. Do you recall what he weighed last year by chance?

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I'll forward this on to Worth, but I don't believe he did get a weight or fill out a sheet. Worth did end up loosening the collar because the animal did grow some since last winter. Time and personnel were an issue that day, unfortunately...

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Sent: Monday, December 10, 2018 3:27 PM
To: Shipley, Andrea J <andrea.shipley@ncwildlife.org>
Subject: Re: [EXTERNAL] FW: HWI #036673 Activities Report

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Andrea,

Did you guys happen to get a weight on the Pinetown coyote? Or even a processing sheet if you don't mind sharing? Joe was curious and wanted me to ask. I think he is trying to compare photos I received from the trapper with some other photos he received of a different animal.

Also, I keep forgetting to mention and I'm sure you're aware, I noticed the GPS collar from the female wolf near Belhaven (collar 21863) stopped receiving locations on 10/25. Are you guys still able to track her via VHF?

Thank you,

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Hey Ryan,

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Please let me know if you have any questions.

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To: David T. Cobb (david.cobb@ncwildlife.org) <david.cobb@ncwildlife.org>; Schweitzer, Sara H <sara.schweitzer@ncwildlife.org>
Cc: McAlister, John W <john.mcalister@ncwildlife.org>; Stanford, Evin <evin.stanford@ncwildlife.org>; Christopher J Kent (christopher.kent@ncwildlife.org) <christopher.kent@ncwildlife.org>; Turner, James C <chris.turner@ncwildlife.org>; Seamster, Mikayla <mikayla.seamster@ncwildlife.org>
Subject: HWI #036673 Activities Report
Importance: High

Good morning,

Attached you will find a report summarizing activities from yesterday's collared canid HWI call,

submitted by Worth.

Please let me know if you have any comments, questions, or concerns.

Thank you,

Andrea

Andrea J. Shipley
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Label: "Mar 2019 FOIA/WRC Study"

Created by: joseph_madison@fws.gov

Total Messages in label: 102 (19 conversations)

Created: 05-31-2019 at 12:44 PM

Conversation Contents

[EXTERNAL] Worth McAlister: New NCWRC Temporary Canid Biologist

Attachments:

/15. [EXTERNAL] Worth McAlister: New NCWRC Temporary Canid Biologist/1.1 image001.png

/15. [EXTERNAL] Worth McAlister: New NCWRC Temporary Canid Biologist/1.2 image002.png

/15. [EXTERNAL] Worth McAlister: New NCWRC Temporary Canid Biologist/1.3 image003.png

/15. [EXTERNAL] Worth McAlister: New NCWRC Temporary Canid Biologist/1.4 image004.png

"Shipley, Andrea J" <andrea.shipley@ncwildlife.org>

From: "Shipley, Andrea J" <andrea.shipley@ncwildlife.org>
Sent: Wed Sep 05 2018 07:18:56 GMT-0600 (MDT)
"Myers, Gordon S." <gordon.myers@ncwildlife.org>, "Briggs, M. Kyle" <kyle.briggs@ncwildlife.org>, "Benjamin, Pete" <pete_benjamin@fws.gov>, "Campbell, Pete" <pete_campbell@fws.gov>, "Turner, James C" <chris.turner@ncwildlife.org>, "Kent, Christopher J" <christopher.kent@ncwildlife.org>, "howard_phillips@fws.gov" <howard_phillips@fws.gov>, "mike_bryant@fws.gov" <mike_bryant@fws.gov>, "Ridgeway, William N" <William.Ridgeway@ncwildlife.org>, "Sawyer, David T" <David.Sawyer@ncwildlife.org>, "Howard, Bradley W" <brad.howard@ncwildlife.org>, Joseph Madison <joseph_madison@fws.gov>, "ryan_nordsven (ryan_nordsven@fws.gov)" <ryan_nordsven@fws.gov>, Michael Morse <michael_l_morse@fws.gov>, "Marco Gibbs (waggs.mg@gmail.com)" <waggs.mg@gmail.com>
To: "Cobb, David T." <david.cobb@ncwildlife.org>, "Boynton, Allen" <allen.boynton@ncwildlife.org>, "Schweitzer, Sara H" <sara.schweitzer@ncwildlife.org>, "McAlister, John W" <john.mcalister@ncwildlife.org>
CC:
Subject: [EXTERNAL] Worth McAlister: New NCWRC Temporary Canid Biologist
Attachments: image001.png image002.png image003.png image004.png

I am pleased to announce that we have hired Worth McAlister as our new Temporary Canid Biologist. He will be based out of Swan Quarter, NC and his primary responsibilities will revolve around the Canid Research Project on the Albemarle Peninsula. His first day of work was yesterday, September 4th.

Worth received a B.S. in Wildlife Science from North Carolina State University. He has worked in a variety of field technician and crew leader positions throughout the U.S., most recently as a technician for the AP Canid Research Project where he excelled in his duties. We are excited to have him step up into this new role. Please help me in welcoming and congratulating Worth on his promotion with the Wildlife Management Division of NC Wildlife Resources Commission (email: john.mcalister@ncwildlife.org, cell:

984-232-1542, office: TBD).

Please forward this information along to anyone who may be interested. Worth will be reaching out to several of you over the coming weeks as he settles into his new role. Please let me know if you have any questions, comments, or concerns.

Thank you,
Andrea

Andrea J. Shipley
Mammalogist, Wildlife Diversity Program

NC Wildlife Resources Commission
Mailing Address: PO Box 209
Castalia, North Carolina 27816
office: TBD
mobile: 919-208-9200

ncwildlife.org

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Label: "Mar 2019 FOIA/Trapping"

Created by: joseph_madison@fws.gov

Total Messages in label: 271 (48 conversations)

Created: 05-31-2019 at 11:54 AM

Conversation Contents

Rough Draft - Louisiana Plan

Attachments:

/16. Rough Draft - Louisiana Plan/1.1 Louisiana Draft Plan.docx

"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Thu Dec 20 2018 14:47:10 GMT-0700 (MST)
To: Michelle Eversen <michelle_eversen@fws.gov>, Pete Benjamin <pete_benjamin@fws.gov>
Subject: Rough Draft - Louisiana Plan
Attachments: Louisiana Draft Plan.docx

Michelle ,

Attached is a rough draft of ways to address the Louisiana canid situation, mostly from a field perspective regarding Leo's statement of having our hands on the animals getting blood samples, but it touches on other areas as well.

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

Label: "Mar 2019 FOIA/WRC Study"

Created by: joseph_madison@fws.gov

Total Messages in label: 102 (19 conversations)

Created: 05-31-2019 at 12:46 PM

Conversation Contents

ISO Max chip readers

"Olson, Shaun" <shaun_olson@fws.gov>

From: "Olson, Shaun" <shaun_olson@fws.gov>
Sent: Fri Mar 16 2018 11:29:12 GMT-0600 (MDT)
To: Joseph Madison <joseph_madison@fws.gov>
Subject: ISO Max chip readers

Joe,

With your permission I'm going to go ahead and get the ball rolling on getting the 2 readers. Should run us around 1300. I did ask, mostly for shits and giggles, how much it would cost to get 3 pocket readers, 2 large readers and 100 chips. Waiting for a quote. We do have plenty of our chips but the only reason I feel we should be contemplating new chips is just in case the State doesn't get a new reader that will detect our current chips. If worse comes to worse we can always give them one of our pocket readers.

Thanks

--

Shaun Olson
Biological Science Technician
Eastern North Carolina Ecological Services Sub-Office

U.S. Fish & Wildlife Service
P.O. Box 1969
Manteo, NC 27954
Phone: (252) 473-1132 ext. 241
Cell: (252) 475-8352
Email: shaun_olson@fws.gov

"We are a way for the Cosmos to know itself."

"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Fri Mar 16 2018 12:38:01 GMT-0600 (MDT)
To: "Olson, Shaun" <shaun_olson@fws.gov>
Subject: Re: ISO Max chip readers

Shaun,

Are these the universal readers that can read our existing microchips, any microchip we would purchase in the foreseeable future and the microchips that WRC is currently using? If so, I think you should go ahead and move forward with the purchase. If not, we should have an additional

conversation so I am clear on why these are the readers we want.

Joe Madison
Assistant Field Supervisor
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

On Fri, Mar 16, 2018 at 1:29 PM, Olson, Shaun <shaun_olson@fws.gov> wrote:

Joe,

With your permission I'm going to go ahead and get the ball rolling on getting the 2 readers. Should run us around 1300. I did ask, mostly for shits and giggles, how much it would cost to get 3 pocket readers, 2 large readers and 100 chips. Waiting for a quote. We do have plenty of our chips but the only reason I feel we should be contemplating new chips is just in case the State doesn't get a new reader that will detect our current chips. If worse comes to worse we can always give them one of our pocket readers.

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"We are a way for the Cosmos to know itself."

"Olson, Shaun" <shaun_olson@fws.gov>

From: "Olson, Shaun" <shaun_olson@fws.gov>
Sent: Mon Mar 19 2018 05:09:17 GMT-0600 (MDT)
To: "Madison, Joseph" <joseph_madison@fws.gov>
Subject: Re: ISO Max chip readers

The ISOMAX V are universal readers that can read our current chips, the states chips and any chips we choose to get in the future; same or different. I did here back from Datamars and there really isn't any packaged deal if we were to get all new stuff. The large readers will be \$625 each, pocket readers are \$225 each and 100 chips would cost \$475

On Fri, Mar 16, 2018 at 2:38 PM, Madison, Joseph <joseph_madison@fws.gov> wrote:

Shaun,

Are these the universal readers that can read our existing microchips, any microchip we

would purchase in the foreseeable future and the microchips that WRC is currently using? If so, I think you should go ahead and move forward with the purchase. If not, we should have an additional conversation so I am clear on why these are the readers we want.

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joseph_madison@fws.gov

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"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Mon Mar 19 2018 07:09:02 GMT-0600 (MDT)
To: "Olson, Shaun" <shaun_olson@fws.gov>
Subject: Re: ISO Max chip readers

Tell me again the state of our current readers, both large and pocket.

Joe Madison
Assistant Field Supervisor
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

On Mon, Mar 19, 2018 at 7:09 AM, Olson, Shaun <shaun_olson@fws.gov> wrote:

The ISOMAX V are universal readers that can read our current chips, the states chips and any chips we choose to get in the future; same or different. I did here back from Datamars and there really isn't any packaged deal if we were to get all new stuff. The large readers will be \$625 each, pocket readers are \$225 each and 100 chips would cost \$475

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"Olson, Shaun" <shaun_olson@fws.gov>

From: "Olson, Shaun" <shaun_olson@fws.gov>
Sent: Mon Mar 19 2018 07:23:40 GMT-0600 (MDT)
To: "Madison, Joseph" <joseph_madison@fws.gov>
Subject: Re: ISO Max chip readers

The large ones have bit the dust, obviously we need those; bare minimum. The pockets still work. Only reason I've been contemplating new pocket readers and new chips is because WRCs current reader can not detect our current chips. Andrea is looking to get a new reader that will detect our current chips, but there's no guarantee that she will be able to procure one. Biggest concern in all of this for us is cost. It would be an expenditure of around \$2400, as opposed to \$1300 for the 2 new large readers; all for a program with an uncertain future. Additionally we have no idea how many more years the State will be trapping for and tagging animals; and for that matter how many animals will we be chipping?

On Mon, Mar 19, 2018 at 9:09 AM, Madison, Joseph <joseph_madison@fws.gov> wrote:
Tell me again the state of our current readers, both large and pocket.

Joe Madison
Assistant Field Supervisor
Eastern North Carolina Ecological Services Sub-Office
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The ISOMAX V are universal readers that can read our current chips, the states chips and any chips we choose to get in the future; same or different. I did here back from Datamars and there really isn't any packaged deal if we were to get all new stuff. The large readers will be \$625 each, pocket readers are \$225 each and 100 chips would cost \$475

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"We are a way for the Cosmos to know itself."

Label: "Mar 2019 FOIA/WRC Study"

Created by: joseph_madison@fws.gov

Total Messages in label: 102 (19 conversations)

Created: 05-31-2019 at 12:46 PM

Conversation Contents

Captured Coyote

Joseph Madison <joseph_madison@fws.gov>

From: Joseph Madison <joseph_madison@fws.gov>
Sent: Mon Feb 26 2018 11:38:50 GMT-0700 (MST)
To: andrea.shipley@ncwildlife.org
Subject: Captured Coyote

Andrea, A private trapper captured a canid over the weekend that turned out to be a coyote. The animal was caught NW of Engelhard in the "C" blocks, which is in the vicinity of Lux and Ventures. We currently holding it at our red wolf pens in Columbia. I was wondering if you would like to use it as one of your study animals and place one of your GPS collars on it. We are all away from the office today, but Ryan should be back in tomorrow and able to meet you in Columbia if you're interested. No worries if you don't want to include this animal. Just let me know. Thanks, Joe Sent from my iPhone

"Shipley, Andrea J" <andrea.shipley@ncwildlife.org>

From: "Shipley, Andrea J" <andrea.shipley@ncwildlife.org>
Sent: Mon Feb 26 2018 11:42:03 GMT-0700 (MST)
To: Joseph Madison <joseph_madison@fws.gov>
Subject: Re: [External] Captured Coyote

Hey Joe,

Do you know where the trapper captured the coyote and if the landowner is okay with us releasing it back on their property? I'd like to include it in the study. I'll get up with David Cobb about it as well. I'll be in touch soon!

Thanks for thinking of us,

Andrea

Get [Outlook for iOS](#)

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To: Shipley, Andrea J
Subject: [External] Captured Coyote

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Thanks,

Joe

Sent from my iPhone

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"Nordsven, Ryan" <ryan_nordsven@fws.gov>

From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Sent: Tue Feb 27 2018 16:31:54 GMT-0700 (MST)
To: "Shiple, Andrea J" <andrea.shiple@ncwildlife.org>
CC: Joseph Madison <joseph_madison@fws.gov>, "shaun_olson@fws.gov" <shaun_olson@fws.gov>
Subject: Re: [External] Captured Coyote

Andrea,

The landowner's name is Bobby Glover. I think he lives near Charleston, SC and the trapper told me he is selling the property soon. His contact number is (843) 384-0888. The C Blocks are between N Lake Road and Lux Farms, East of 1st Street. Let me know if you have any questions.

Ryan

On Mon, Feb 26, 2018 at 2:01 PM, Shiple, Andrea J <andrea.shiple@ncwildlife.org> wrote:

Hi Joe,
OK, sounds good to me. I'll see what I can do on my end as well as far as release options go.
Be in touch soon!
Safe travels,
Andrea

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From: Joseph Madison <joseph_madison@fws.gov>
Sent: Monday, February 26, 2018 1:56:27 PM
To: Shiple, Andrea J
Cc: shaun_olson@fws.gov; ryan_nordsven@fws.gov
Subject: Re: [External] Captured Coyote

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I don't know the specifics of where it was captured beyond the description I included in my original email but I've cc'd Shaun who I believe has the trappers contact info. The trapper might be able to give you more specifics on the exact trap location and who the landowner is. I've also cc'd Ryan so he's in the loop and because he might have the best knowledge on what landowner you should contact in that area.

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--
Ryan Nordsven
Wildlife Biologist
US Fish & Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 x 244
Cell: (252) 475-8353

"Shiple, Andrea J" <andrea.shiple@ncwildlife.org>

From: "Shiple, Andrea J" <andrea.shiple@ncwildlife.org>
Sent: Wed Feb 28 2018 08:05:45 GMT-0700 (MST)
To: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
CC: Joseph Madison <joseph_madison@fws.gov>, "shaun_olson@fws.gov" <shaun_olson@fws.gov>
Subject: Re: [External] Captured Coyote

Hey Ryan,

Thanks for forwarding this along. I'll let you know when I'm able to get up with the landowner. Hopefully we'll be able to make this happen quickly.

Thanks again,

Andrea

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From: Nordsven, Ryan <ryan_nordsven@fws.gov>
Sent: Tuesday, February 27, 2018 6:31:54 PM
To: Shiple, Andrea J
Cc: Joseph Madison; shaun_olson@fws.gov
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Cell: (252) 475-8353

Label: "FOIA FWS-2019-00455"

Created by:shaun_olson@fws.gov

Total Messages in label:62 (32 conversations)

Created: 06-13-2019 at 06:59 AM

Conversation Contents

Fwd: Radio-collaring Pups

"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Thu Aug 16 2018 14:33:12 GMT-0600 (MDT)
To: Ryan Nordsven <ryan_nordsven@fws.gov>, "Morse, Michael" <michael_l_morse@fws.gov>, Shaun Olson <shaun_olson@fws.gov>, Pete Benjamin <pete_benjamin@fws.gov>
Subject: Fwd: Radio-collaring Pups

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The individual mentioned in Maggie's email, Lacy Robinson, is someone I worked with extensively in Idaho, not so much on wolf stuff, but on grizzly bear, wolverine, lynx and other non-game species all the way down to slugs (e.g. we tested which kind of beer drew in the most slugs when cardboard was soaked in beer and left out in the woods - spoiler alert: Natty Ice).

Food for thought.

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

----- Forwarded message -----
From: **Maggie Dwire** <maggie_dwire@fws.gov>
Date: Thu, Aug 16, 2018 at 11:04 AM
Subject: Re: Radio-collaring Pups
To: joseph_madison@fws.gov

Hi,

I have similarly heard and seen your name. Nice to "meet" you.

Like you, we tend to radio collar young of the year beginning in mid-late August and utilizing foam padding. We have

tested expandable collars on pups in captivity. The model we've had success with is M4200 from ATS (<https://atstrack.com/tracking-products/transmitters/product-transmitters.aspx?serie=M4200>).

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- One was removed at 10 weeks for fear of causing lacerations - this was likely a facility decision that I would have disagreed with, but alas it's what occurred.
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Our protocol was to place them at the first vaccine capture around 6 weeks (or 5 if we could convince the facility to do so), and check them at each vaccination capture afterwards. Pups were monitored daily either remotely or via direct observation to make sure a leg or mandible wasn't stuck in the collar (nothing like this occurred). If facilities were concerned during a vaccine capture they could elect to capture the pups more frequently to check.

Most of the collars starting expanding and stretching at the 11-12 weeks check. Tightness and hair loss was usually noted, which some facilities understood had to happen for the collar to expand, others were a bit uncomfortable with it.

Our protocol was to try and leave the collars on for 20 weeks, since that would get us into the late summer/early fall trapping season for wild wolves. However, if the collars weren't causing any problems we encouraged facilities to leave them on longer. In fact, the ones that stayed on for 10-13 months seemed absolutely fine and were taken off just because. This was nice to learn as we are never guaranteed to recapture a wild wolf so it's good to know the collar can remain on.

We had a highly inbred litter in the wild this year (offspring were the result of a full sibling mating) and we considered deploying collars on the pups to test this in the wild. We didn't get our ducks in a row in time and ran into some hurdles having not written up our captive work. So, we haven't tested them in the wild and have only tested them on 12 captive wolves, but we do feel pretty comfortable with their use.

It is the same model Lacy Robinson (Idaho Fish and Game) used on wolves. In our last proposal we wrote that they placed 43 collars (38 at den age and 5 as older pups). They reported one pup died from potential complications with the collar (collar in mouth) but also stated the animal appeared ill and had a 4 inch long stick in its GI tract. Of the other 42, 13 were still wearing the collars well into the future, 3 collars expanded and fell off, 11 collars slipped or were chewed off (mostly on very small (<4 lb pups)), and 16 died (6 from hunting/trapping, 5 from unknown causes >2 months after collaring, and 4 from one litter died possibly from disease). We haven't updated our research proposal so I don't know if Idaho continued this work or has more information.

I hope that's enough information to get you started. Since most of the testing of these collars was done on gray wolves, we felt that testing them on smaller wolves that maybe don't have the same growth rate was important. If you feel testing them on red wolves in captivity first needs to happen, we'd be happy to resurrect our proposal/IACUC again and add you guys to it.

Maggie

On Wed, Aug 15, 2018 at 1:30 PM Madison, Joseph <joseph_madison@fws.gov> wrote:

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I wanted to touch base with you because I heard someone at the red wolf SSP meeting a few weeks ago mention that the Mexican wolf program had radio-collared pups that were still pretty young, as in weeks old still in the den. I collared relatively young gray wolves many, many years ago when they were about 4 months old using foam padding with varying success, but I hadn't heard of being able to collar small pups. I wanted to check with you to see if that is an accurate depiction of what occurred and to get specifics on what type of collar was used, at what

age it was deployed and if it has been successful to this point.

Thanks,

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

--

Maggie Dwire
Assistant Mexican Wolf Recovery Coordinator
U.S. Fish and Wildlife Service
[2105 Osuna Road NE](#)
[Albuquerque, NM 87113](#)
[Ph \(505\) 761-4783](#)

"Benjamin, Pete" <pete_benjamin@fws.gov>

From: "Benjamin, Pete" <pete_benjamin@fws.gov>
Sent: Thu Aug 16 2018 14:47:14 GMT-0600 (MDT)
To: "Madison, Joseph" <joseph_madison@fws.gov>
CC: Ryan Nordsven <ryan_nordsven@fws.gov>, "Morse, Michael" <michael_l_morse@fws.gov>, Shaun Olson <shaun_olson@fws.gov>
Subject: Re: Radio-collaring Pups

That's the collar they were showing us when we had the joint red wolf/mex. wolf SSP meeting 2 years ago.

Pete Benjamin
Field Supervisor
Raleigh ES Field Office
U.S. Fish and Wildlife Service
551F Pylon Drive
Raleigh, NC 27606
Office: (919) 856-4520 x 11
Mobile: (919) 816-6408

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"Morse, Michael" <michael_l_morse@fws.gov>

From: "Morse, Michael" <michael_l_morse@fws.gov>
Sent: Fri Aug 17 2018 07:21:06 GMT-0600 (MDT)
To: "Benjamin, Pete" <pete_benjamin@fws.gov>
"Madison, Joseph" <joseph_madison@fws.gov>, Ryan Nordsven
<ryan_nordsven@fws.gov>, Shaun Olson
<shaun_olson@fws.gov>
CC:
Subject: Re: Radio-collaring Pups

I agree that's it's something we as a team wouldn't normally think of but we're getting ready to go into uncharted waters with the program and collaring pups may help. Let's say I'm not in love with a success rate of 2/12 lasting past 12 months in captivity and not much better in the wild; (eg: of the 43 collars deployed; 1 animal died because of the collar; 13 stayed on and 14 fell off). The good news in all of that is that it does provide an opportunity to access fate of the other animals that died at a younger age with the collar still on. I'm good with discussing it further in the near future. Thanks,

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Our protocol was to try and leave the collars on for 20 weeks, since that would get us into the late summer/early fall trapping season for wild wolves. However, if the collars weren't causing any problems we encouraged facilities to leave them on longer. In fact, the ones that stayed on for 10-13 months seemed absolutely fine and were taken off just because. This was nice to learn as we are never guaranteed to recapture a wild wolf so it's good to know the collar can remain on.

We had a highly inbred litter in the wild this year (offspring were the result of a full sibling mating) and we considered deploying collars on the pups to test this in the wild. We didn't get our ducks in a row in time and ran into some hurdles having not written up our captive work. So, we haven't tested them in the wild and have only tested them on 12 captive wolves, but we do feel pretty comfortable with their use.

It is the same model Lacy Robinson (Idaho Fish and Game) used on wolves. In our last proposal we wrote that

they placed 43 collars (38 at den age and 5 as older pups). They reported one pup died from potential complications with the collar (collar in mouth) but also stated the animal appeared ill and had a 4 inch long stick in its GI tract. Of the other 42, 13 were still wearing the collars well into the future, 3 collars expanded and fell off, 11 collars slipped or were chewed off (mostly on very small (<4 lb pups)), and 16 died (6 from hunting/trapping, 5 from unknown causes >2 months after collaring, and 4 from one litter died possibly from disease). We haven't updated our research proposal so I don't know if Idaho continued this work or has more information.

I hope that's enough information to get you started. Since most of the testing of these collars was done on gray wolves, we felt that testing them on smaller wolves that maybe don't have the same growth rate was important. If you feel testing them on red wolves in captivity first needs to happen, we'd be happy to resurrect our proposal/IACUC again and add you guys to it.

Maggie

On Wed, Aug 15, 2018 at 1:30 PM Madison, Joseph <joseph_madison@fws.gov> wrote:
Maggie,

I don't think we've directly interacted yet, although I've heard your name a time or two when talking to Becky (in a good way) and I've see your name on documents, but I manage the Red Wolf Recovery Program in here North Carolina.

I wanted to touch base with you because I heard someone at the red wolf SSP meeting a few weeks ago mention that the Mexican wolf program had radio-collared pups that were still pretty young, as in weeks old still in the den. I collared relatively young gray wolves many, many years ago when they were about 4 months old using foam padding with varying success, but I hadn't heard of being able to collar small pups. I wanted to check with you to see if that is an accurate depiction of what occurred and to get specifics on what type of collar was used, at what age it was deployed and if it has been successful to this point.

Thanks,

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

--

Maggie Dwire
Assistant Mexican Wolf Recovery Coordinator
U.S. Fish and Wildlife Service
[2105 Osuna Road NE](#)
[Albuquerque, NM 87113](#)
[Ph \(505\) 761-4783](#)

--

Michael L. Morse
Wildlife Biologist, USFWS
ENC ES Sub-Field Office

100 Conservation Way, PO Box 1969
Manteo, NC 27954
Work: (252) 473-1131, ext. 242
Cell#: (252) 475-8350

Joseph Madison <joseph_madison@fws.gov>

From: Joseph Madison <joseph_madison@fws.gov>
Sent: Fri Aug 17 2018 07:40:02 GMT-0600 (MDT)
To: "Morse, Michael" <michael_l_morse@fws.gov>
"Benjamin, Pete" <pete_benjamin@fws.gov>, Ryan Nordsven
<ryan_nordsven@fws.gov>, Shaun Olson
<shaun_olson@fws.gov>
CC:
Subject: Re: Radio-collaring Pups

Just a quick response to that, also acknowledging it's far from perfect and would entail much debate before we employed them.

Your 2 out of 12 months lasting past 12 is not entirely accurate because 6 of the collars were taken off by zoo staff at 10 months plus "just because".

I also take a much different interpretation of the IDFG data. Given the number of pups that have been microchipped and not ever accounted for again, I see value in both the collars that stayed on longer term until they could potentially be radio collared again and as you said the value in documenting the cause of death for the high pup mortality which seemingly was unrelated to the collar. But you take out the mortalities unrelated to the collars and you've got right at a 50% success rate, which I'd say is pretty good considering what it is.

I'm responding quickly on the way to Williamsburg with my teenage daughter driving so forgive me if my quick math is off as I try to not be a mortality statistic myself :)

Joe Madison
Assistant Field Supervisor
Red Wolf Recovery Program
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
[100 Conservation Way](#)
[Manteo, NC 27954](#)
Office: [\(252\) 473-1132 ext 245](#)
joseph_madison@fws.gov

On Aug 17, 2018, at 9:21 AM, Morse, Michael <michael_l_morse@fws.gov> wrote:

I agree that's it's something we as a team wouldn't normally think of but we're getting ready to go into uncharted waters with the program and collaring pups may help. Let's say I'm not in love with a success rate of 2/12 lasting past 12 months in captivity and not much better in the wild; (eg: of the 43 collars deployed; 1 animal died because of the collar; 13 stayed on and 14 fell off). The good news in all of that is that it does provide an opportunity to access fate of the other animals that died at a younger age with the collar still on. I'm good with discussing it further in the near future. Thanks,

On Thu, Aug 16, 2018 at 4:47 PM, Benjamin, Pete <pete_benjamin@fws.gov> wrote:

That's the collar they were showing us when we had the joint red wolf/mex. wolf SSP meeting 2 years ago.

Pete Benjamin
Field Supervisor
Raleigh ES Field Office
U.S. Fish and Wildlife Service
[551F Pylon Drive](#)
[Raleigh, NC 27606](#)
Office: (919) 856-4520 x 11
Mobile: (919) 816-6408

NOTE: This email correspondence and any attachments to and from this sender are subject to the Freedom of Information Act (FOIA) and may be disclosed to third parties.

On Thu, Aug 16, 2018 at 4:33 PM, Madison, Joseph <joseph_madison@fws.gov> wrote:

This is just for information sake at this point, but this might be something to think about, both from a testing them in captivity standpoint and perhaps deploying them in the field, particularly if shooting a collared animal was against the rule. I recognize that this goes against what we have done in the past with collaring and kind of requires a different mindset, but we need to keep thinking of new and/or different ways to go about things. These collars can be as light as 68 grams and have a battery life of around 3 years, both of those specs kind of blow my mind honestly.

The individual mentioned in Maggie's email, Lacy Robinson, is someone I worked with extensively in Idaho, not so much on wolf stuff, but on grizzly bear, wolverine, lynx and other non-game species all the way down to slugs (e.g. we tested which kind of beer drew in the most slugs when cardboard was soaked in beer and left out in the woods - spoiler alert: Natty Ice).

Food for thought.

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
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joseph_madison@fws.gov

----- Forwarded message -----

From: **Maggie Dwire** <maggie_dwired@fws.gov>
Date: Thu, Aug 16, 2018 at 11:04 AM
Subject: Re: Radio-collaring Pups
To: joseph_madison@fws.gov

Hi,

I have similarly heard and seen your name. Nice to "meet" you.

Like you, we tend to radio collar young of the year beginning in mid-late August and utilizing foam padding. We have tested expandable collars on pups in captivity. The model we've had success with is M4200 from ATS (<https://atstrack.com/tracking-products/transmitters/product-transmitters.aspx?serie=M4200>).

The first year we tried this we used a different collar with 100% failure (didn't expand or were chewed off by yearling packmates). We switched to the above collar in 2015 and 2016, and ultimately placed 12 collars on pups around the 5-7 week mark.

- One was removed at 10 weeks for fear of causing lacerations - this was likely a facility decision that I would have disagreed with, but alas it's what occurred.
- One fell off around 12 weeks
- Two were chewed off around 13-14 weeks
- One stayed on past 4 months
- One stayed on for 6 months
- One stayed on for 10 months
- Three stayed on past 11 months
- One stayed on for 12 months
- One stayed on for 13 months

Our protocol was to place them at the first vaccine capture around 6 weeks (or 5 if we could convince the facility to do so), and check them at each vaccination capture afterwards. Pups were monitored daily either remotely or via direct observation to make sure a leg or mandible wasn't stuck in the collar (nothing like this occurred). If facilities were concerned during a vaccine capture they could elect to capture the pups more frequently to check.

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Maggie

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Carolina.

I wanted to touch base with you because I heard someone at the red wolf SSP meeting a few weeks ago mention that the Mexican wolf program had radio-collared pups that were still pretty young, as in weeks old still in the den. I collared relatively young gray wolves many, many years ago when they were about 4 months old using foam padding with varying success, but I hadn't heard of being able to collar small pups. I wanted to check with you to see if that is an accurate depiction of what occurred and to get specifics on what type of collar was used, at what age it was deployed and if it has been successful to this point.

Thanks,

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

--

Maggie Dwire
Assistant Mexican Wolf Recovery Coordinator
U.S. Fish and Wildlife Service
[2105 Osuna Road NE](#)
[Albuquerque, NM 87113](#)
[Ph \(505\) 761-4783](#)

--

Michael L. Morse
Wildlife Biologist, USFWS
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100 Conservation Way, PO Box 1969
Manteo, NC 27954
Work: (252) 473-1131, ext. 242
Cell#: **(252) 475-8350**

Label: "Mar 2019 FOIA/Trapping"

Created by: joseph_madison@fws.gov

Total Messages in label: 271 (48 conversations)

Created: 05-31-2019 at 11:56 AM

Conversation Contents

Sunday

Attachments:

/18. Sunday/1.1 All_river_tearsheet.pdf

"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Thu Dec 13 2018 14:55:37 GMT-0700 (MST)
To: Mitzi Lee <ashmusac@aol.com>
Subject: Sunday
Attachments: All_river_tearsheet.pdf

Thomas,

Ryan will be the one checking traps and giving Betty her medicine on Sunday, so you will be working with him. If you could meet him at the shop area at 0745 that would be great. The shop is where we went after we feed the wolves last time when you were here.

If you look at the attached map, follow Highway 64 from either direction until you see the junction with Milltail Road (it also has the label of Creef Cut Wildlife Trail on the maps). Turn onto Milltail Road and then about a half mile down the road on the right hand side is the shop complex in a large fenced in area. The gates to get in there should be locked, but you can still meet Ryan there.

Thanks,

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina Ecological Services Sub-Office
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Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

Label: "Mar 2019 FOIA/WRC Study"

Created by: joseph_madison@fws.gov

Total Messages in label: 102 (19 conversations)

Created: 05-31-2019 at 12:46 PM

Conversation Contents

Coyote Trapping Numbers

"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Tue Dec 26 2017 16:07:34 GMT-0700 (MST)
To: Ryan Nordsven <ryan_nordsven@fws.gov>
Subject: Coyote Trapping Numbers

Ryan,

Can you see if you can track down some more up to date coyote trapping numbers from WRC, either through the WRC website or Andrea or wherever? If possible to do on Wednesday that would be great. If you're not able to because of a higher priority (I'm not sure that would be) have Shaun try and track it down. Below is the paragraph it comes from in the EA that would be preferred to be updated by COB Wednesday.

According to data from the North Carolina Wildlife Resources Commission (2012) the harvest of coyotes by trappers in North Carolina Coastal Plain counties increased from 2 coyotes during the 2003-2004 trapping season to 1,100 in the 2010-2011 season. Similarly, hunters took an estimated 4,045 coyotes in the Coastal Plain counties during the 2007-2008 hunting season (the first year such statistics were collected in North Carolina) compared to an estimated 10,261 coyotes taken during the

Thanks,

Joe Madison
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joseph_madison@fws.gov

"Nordsven, Ryan" <ryan_nordsven@fws.gov>

From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Sent: Wed Dec 27 2017 12:37:50 GMT-0700 (MST)
To: "Madison, Joseph" <joseph_madison@fws.gov>
Subject: Re: Coyote Trapping Numbers

I couldn't find anything more recent on their website. I tried to call both Andrea and Chris Turner (the district biologist) but didn't have any luck so I emailed them both. Hopefully I'll hear back soon and they can point me in the right direction.

On Tue, Dec 26, 2017 at 6:07 PM, Madison, Joseph <joseph_madison@fws.gov> wrote:
Ryan,

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Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

--

Ryan Nordsven
Wildlife Biologist
US Fish & Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 x 244
Cell: (252) 475-8353

Joseph Madison <joseph_madison@fws.gov>

From: Joseph Madison <joseph_madison@fws.gov>
Sent: Wed Dec 27 2017 14:01:03 GMT-0700 (MST)
To: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Subject: Re: Coyote Trapping Numbers

Ryan,

Thanks for updating the breeding pair and litter numbers and attempting to track down the coyote numbers.

Thanks,

Joe

Sent from my iPhone

On Dec 27, 2017, at 2:37 PM, Nordsven, Ryan <ryan_nordsven@fws.gov> wrote:

I couldn't find anything more recent on their website. I tried to call both Andrea and Chris Turner (the district biologist) but didn't have any luck so I emailed them both. Hopefully I'll hear back soon and they can point me in the right direction.

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joseph_madison@fws.gov

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Label: "FOIA 20190531"

Created by:ryan_nordsven@fws.gov

Total Messages in label:255 (70 conversations)

Created: 06-12-2019 at 13:11 PM

Conversation Contents

GPS Collar Keys

"Nordsven, Ryan" <ryan_nordsven@fws.gov>

From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Sent: Thu Nov 29 2018 13:18:41 GMT-0700 (MST)
To: "Shipley, Andrea J" <andrea.shipley@ncwildlife.org>
Subject: GPS Collar Keys

Hi Andrea,

Hope all is well. I was wondering if you would mind sharing the collar keys for any remaining GPS collars you have deployed? I currently have keys for the wolf near Belhaven and the F2 from Gordon Floyd's. We would just like to keep track of which animals are where as much as possible in the surrounding area, especially when we get reports or complaints about animals. Thanks and good luck with the trapping this season!

Ryan

--

Ryan Nordsven
Wildlife Biologist
US Fish & Wildlife Service
100 Conservation Way
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Office: (252) 473-1132 x 244
Cell: (252) 475-8353

"Shipley, Andrea J" <andrea.shipley@ncwildlife.org>

From: "Shipley, Andrea J" <andrea.shipley@ncwildlife.org>
Sent: Thu Nov 29 2018 14:46:46 GMT-0700 (MST)
To: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Subject: Re: [External] GPS Collar Keys

Hey Ryan,

I'm going to set you up with access to the online platform for viewing the GPS collar data once I get back from the field next week. You'll be able to see all the collared canid locations without hassle of

that software.

Hope you're season is going well too!

Thanks,

Andrea

Get [Outlook for iOS](#)

From: Nordsven, Ryan <ryan_nordsven@fws.gov>

Sent: Thursday, November 29, 2018 15:19

To: Shipley, Andrea J

Subject: [External] GPS Collar Keys

CAUTION: External email. Do not click links or open attachments unless verified. Send all suspicious email as an attachment to [Report Spam](#).

Hi Andrea,

Hope all is well. I was wondering if you would mind sharing the collar keys for any remaining GPS collars you have deployed? I currently have keys for the wolf near Belhaven and the F2 from Gordon Floyd's. We would just like to keep track of which animals are where as much as possible in the surrounding area, especially when we get reports or complaints about animals. Thanks and good luck with the trapping this season!

Ryan

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Ryan Nordsven
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"Nordsven, Ryan" <ryan_nordsven@fws.gov>

From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Sent: Fri Nov 30 2018 08:09:17 GMT-0700 (MST)
To: "Shiple, Andrea J" <andrea.shiple@ncwildlife.org>
Subject: Re: [External] GPS Collar Keys

That sounds great - thanks Andrea!

On Thu, Nov 29, 2018 at 4:46 PM Shipley, Andrea J <andrea.shiple@ncwildlife.org> wrote:

Hey Ryan,

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Hope you're season is going well too!

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From: Nordsven, Ryan <ryan_nordsven@fws.gov>

Sent: Thursday, November 29, 2018 15:19

To: Shipley, Andrea J

Subject: [External] GPS Collar Keys

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Ryan

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Ryan Nordsven
Wildlife Bioloicist

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Label: "FOIA FWS-2019-00455"

Created by:shaun_olson@fws.gov

Total Messages in label:62 (32 conversations)

Created: 06-13-2019 at 07:03 AM



Conversation Contents

St. Vincent

Joseph Madison <joseph_madison@fws.gov>

From: Joseph Madison <joseph_madison@fws.gov>
Sent: Tue Jun 26 2018 16:56:34 GMT-0600 (MDT)
To: shaun_olson@fws.gov, ryan_nordsven@fws.gov,
Michael_L_Morse@fws.gov
Subject: St. Vincent

Just wanted to let you know that I just heard from Dan Frisk that they've confirmed there are two pups at St. Vincent.

I obviously don't know what awaits them in 16 months or so when they could be moved off the island, but I'm going to hold out hope and work toward them being released into the NC NEP under better circumstances.

Joe Madison
Assistant Field Supervisor
Red Wolf Recovery Program
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
[100 Conservation Way](#)
Manteo, NC 27954
Office: [\(252\) 473-1132 ext 245](tel:(252)473-1132)
joseph_madison@fws.gov

Label: "FOIA 20190531"

Created by:ryan_nordsven@fws.gov

Total Messages in label:255 (70 conversations)

Created: 06-12-2019 at 13:11 PM

Conversation Contents

Trapping

"Nordsven, Ryan" <ryan_nordsven@fws.gov>

From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Sent: Thu Nov 15 2018 11:01:39 GMT-0700 (MST)
To: Joseph Madison <joseph_madison@fws.gov>, "Morse, Michael" <michael_l_morse@fws.gov>, Shaun Olson <shaun_olson@fws.gov>
Subject: Trapping

All,

I talked to Joe a little bit about this today already and I wanted to try to start planning for our upcoming trapping effort. If you two are willing and able to help out I was hoping to start trapping the week after Thanksgiving (start setting on the 26th), which would give us a solid four weeks to trap before Christmas. What I had in mind is for each of us to run a small line individually, but they would be close enough together that we could easily assist each other when needed (flight days, etc).

Michael - would you be willing to take the bombing range and try to catch the female that's off the air? You seemed to have some success getting her on trail camera a couple of months ago and if I remember right you weren't in the impact area, so maybe some of those roads outside the impact area could be productive. The sterile male was collared in January 2015 so it would probably be a good idea to re-collar him as well if captured.

Shaun - if you could take western ARNWR lets try to catch the female (collared 12/2013) and the sterile male (collared 03/2013) before we lose contact with them.

I'll plan on trapping Milltail down to Stumpy Point and try to capture the Milltail breeding female (collared 12/2013) and 12046M (also collared in 12/2013 and now likely not transmitting) and any uncollared animals remaining that have been showing up on trail cameras.

It sounds like Morgan from the Smithsonian will be here to tag along the week of December 3rd. I can plan on taking her with me the majority of the time, but maybe she can ride with each of you one day as well to get different perspectives and see additional areas.

I was planning on using next week to make sure everything is ready - traps, kennels, drug kit, processing kits, collars activated, etc. We may need to boil some traps one day and attach more chain stakes, and just make sure you have what you need in your trucks. It might be beneficial next week to also get an idea of which areas will be most productive and even possible to trap, considering roads, gates, public accesses, active hunting, etc., and make any contacts necessary.

Let me know if this will work for everyone, and if there are issues or concerns I'm not thinking of.

--

Ryan Nordsven
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US Fish & Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 x 244
Cell: (252) 475-8353

"Morse, Michael" <michael_I_morse@fws.gov>

From: "Morse, Michael" <michael_I_morse@fws.gov>
Sent: Fri Nov 16 2018 06:35:23 GMT-0700 (MST)
To: Ryan Nordsven <ryan_nordsven@fws.gov>
Subject: Re: Trapping

Will do - I'll go ahead and speak with the range. Thanks,

On Thu, Nov 15, 2018 at 1:02 PM Nordsven, Ryan <ryan_nordsven@fws.gov> wrote:

All,

I talked to Joe a little bit about this today already and I wanted to try to start planning for our upcoming trapping effort. If you two are willing and able to help out I was hoping to start trapping the week after Thanksgiving (start setting on the 26th), which would give us a solid four weeks to trap before Christmas. What I had in mind is for each of us to run a small line individually, but they would be close enough together that we could easily assist each other when needed (flight days, etc).

Michael - would you be willing to take the bombing range and try to catch the female that's off the air? You seemed to have some success getting her on trail camera a couple of months ago and if I remember right you weren't in the impact area, so maybe some of those roads outside the impact area could be productive. The sterile male was collared in January 2015 so it would probably be a good idea to re-collar him as well if captured.

Shaun - if you could take western ARNWR lets try to catch the female (collared 12/2013) and the sterile male (collared 03/2013) before we lose contact with them.

I'll plan on trapping Milltail down to Stumpy Point and try to capture the Milltail breeding female (collared 12/2013) and 12046M (also collared in 12/2013 and now likely not transmitting) and any uncollared animals remaining that have been showing up on trail cameras.

It sounds like Morgan from the Smithsonian will be here to tag along the week of December 3rd. I can plan on taking her with me the majority of the time, but maybe she can ride with each of you one day as well to get different perspectives and see additional areas.

I was planning on using next week to make sure everything is ready - traps, kennels, drug kit, processing kits, collars activated, etc. We may need to boil some traps one day and attach more chain stakes, and just make sure you have what you need in your trucks. It might be beneficial next week to also get an idea of which areas will be most productive and even possible to trap, considering roads, gates, public accesses, active hunting, etc., and make any contacts necessary.

Let me know if this will work for everyone, and if there are issues or concerns I'm not thinking of.

--

Ryan Nordsven
Wildlife Biologist
US Fish & Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 x 244
Cell: (252) 475-8353

--

Michael L. Morse
Wildlife Biologist, USFWS
ENC ES Sub-Field Office
100 Conservation Way, PO Box 1969
Manteo, NC 27954
Work: (252) 473-1131, ext. 242
Cell#: (252) 475-8350

"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Fri Nov 16 2018 10:59:55 GMT-0700 (MST)
To: Ryan Nordsven <ryan_nordsven@fws.gov>
Subject: Re: Trapping

Ryan,

As we discussed, I think it sounds like a solid plan of action for the trapping, and I am more than willing to get together and talk about it if there are concerns or parts that need to be discussed or folks would just like to since we haven't all been in the same place at the same time in a while.

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
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Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

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Cell: (252) 475-8353

Label: "FOIA 20190531"

Created by:ryan_nordsven@fws.gov

Total Messages in label:255 (70 conversations)

Created: 06-12-2019 at 13:11 PM

Conversation Contents

Fwd: [EXTERNAL] FW: Mattamuskeet Ventures Oct, 2018

Attachments:

/21. Fwd: [EXTERNAL] FW: Mattamuskeet Ventures Oct, 2018/1.1 MMV Oct 18 trapping.pdf

/21. Fwd: [EXTERNAL] FW: Mattamuskeet Ventures Oct, 2018/1.2 Mattamuskeet Ventures coyote removal records.pdf

/21. Fwd: [EXTERNAL] FW: Mattamuskeet Ventures Oct, 2018/1.3 Mattamuskeet Ventures - Coyote Depredation Permit - October 2018 FINAL.pdf

"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Thu Nov 15 2018 11:12:21 GMT-0700 (MST)
To: Shaun Olson <shaun_olson@fws.gov>, Ryan Nordsven <ryan_nordsven@fws.gov>
Subject: Fwd: [EXTERNAL] FW: Mattamuskeet Ventures Oct, 2018 MMV Oct 18 trapping.pdf Mattamuskeet Ventures coyote removal records.pdf Mattamuskeet Ventures - Coyote Depredation Permit - October 2018 FINAL.pdf
Attachments:

Joe Madison
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Assistant Field Supervisor for
Eastern North Carolina Ecological Services Sub-Office
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100 Conservation Way
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Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

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From: **Madison, Joseph** <joseph_madison@fws.gov>
Date: Tue, Nov 13, 2018 at 7:14 PM
Subject: Fwd: [EXTERNAL] FW: Mattamuskeet Ventures Oct, 2018
To: Morse, Michael <michael_l_morse@fws.gov>, Ryne Boone <ryne_boone@nps.gov>

FYI

Joe Madison
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From: **Benjamin, Pete** <pete_benjamin@fws.gov>
Date: Tue, Nov 13, 2018 at 8:33 AM
Subject: Fwd: [EXTERNAL] FW: Mattamuskeet Ventures Oct, 2018
To: Joseph Madison <joseph_madison@fws.gov>

Pete Benjamin
Field Supervisor
Raleigh ES Field Office
U.S. Fish and Wildlife Service
551F Pylon Drive
Raleigh, NC 27606
Office: (919) 856-4520 x 11
Mobile: (919) 816-6408

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From: **Hocutt, Lisa W.** <lisa.hocutt@ncwildlife.org>
Date: Mon, Nov 12, 2018 at 7:59 PM
Subject: [EXTERNAL] FW: Mattamuskeet Ventures Oct, 2018
To: Briggs, M. Kyle <kyle.briggs@ncwildlife.org>, Myers, Gordon S. <gordon.myers@ncwildlife.org>, Christofferson, Erik D. <erik.christofferson@ncwildlife.org>, Cobb, David T. <david.cobb@ncwildlife.org>, Barnes, Daron K. <daron.barnes@ncwildlife.org>, Shipley, Andrea J <andrea.shipley@ncwildlife.org>, Pete Benjamin (pete_benjamin@fws.gov) <pete_benjamin@fws.gov>, Tom Harrison <harrison@greenvillenc.com>

Attached you will find the capture report submitted to WRC by the authorized trapper under the Mattamuskeet Ventures Coyote Depredation Permit. Also attached is a copy of the permit for reference.

Lisa

From: David Denton <dentonwildlifeservices@gmail.com>
Sent: Friday, November 02, 2018 5:51 AM
To: Hocutt, Lisa W. <lisa.hocutt@ncwildlife.org>
Subject: [External] Mattamuskeet Ventures Oct, 2018

Lisa I think this is all the information I am supposed to turn in to you. I will meet with Worth and give him the collected samples.

Hope you have a great weekend

David

--

Denton Wildlife Services

David Denton

252-482-7105 home/office

252-333-7291 mobile

Dentonwildlifeservices@gmail.com

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Label: "Mar 2019 FOIA/Trapping"

Created by: joseph_madison@fws.gov

Total Messages in label: 271 (48 conversations)

Created: 05-31-2019 at 11:57 AM

Conversation Contents

Wolf Trapping on AR NWR & DCR

"Lanier, Scott" <scott_lanier@fws.gov>

From: "Lanier, Scott" <scott_lanier@fws.gov>
Sent: Thu Nov 15 2018 10:52:11 GMT-0700 (MST)
To: Kelley Van Drueten <kelley_vandrueten@fws.gov>, Donnie Harris <donnie_harris@fws.gov>
"Bartel, Rebecca" <rebecca_harrison@fws.gov>, Arthur Beyer <arthur_beyer@fws.gov>, Bonnie Strawser <bonnie_strawser@fws.gov>, Bertram Plante <bertram_plante@fws.gov>, "Eddy, Jay" <jay_eddy@fws.gov>, Dustin Martin <dustin_martin@fws.gov>, Rebekah Martin <rebekah_p_martin@fws.gov>
CC:
BCC: joseph_madison@fws.gov
Subject: Wolf Trapping on AR NWR & DCR

Joe wanted to pass on that they will begin trapping wolves on Dare Co, Range and the refuge possibly as early as next week. Please let him know if you foresee any potential conflicts.

Scott

--
Scott Lanier
Refuge Manager
Alligator River/Pea Island NWRs
PO Box 1969, Manteo, NC 27954
252-473-1132x223
252-216-7506 (mobile)
252-473-1668 (fax)

"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Thu Nov 15 2018 10:57:16 GMT-0700 (MST)
To: Ryan Nordsven <ryan_nordsven@fws.gov>, "Morse, Michael" <michael_l_morse@fws.gov>, Shaun Olson <shaun_olson@fws.gov>
Subject: Fwd: Wolf Trapping on AR NWR & DCR

FYI. I mentioned potentially starting to trap next week on the refuge to Scott so Refuges would be aware and he forwarded that on to his staff. Scott had no issues with it, but did ask if we could let him know the general area that we would be trapping.

Joe Madison

Red Wolf Recovery Program
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U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

----- Forwarded message -----

From: **Lanier, Scott** <scott_lanier@fws.gov>
Date: Thu, Nov 15, 2018 at 12:52 PM
Subject: Wolf Trapping on AR NWR & DCR
To: Kelley Van Druten <kelley_vandruten@fws.gov>, Donnie Harris <donnie_harris@fws.gov>
Cc: Bartel, Rebecca <rebecca_harrison@fws.gov>, Arthur Beyer <arthur_beyer@fws.gov>, Bonnie Strawser <bonnie_strawser@fws.gov>, Bertram Plante <bertram_plante@fws.gov>, Eddy, Jay <jay_eddy@fws.gov>, Dustin Martin <dustin_martin@fws.gov>, Rebekah Martin <rebekah_p_martin@fws.gov>

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252-473-1668 (fax)

"Van Druten, Kelley" <kelley_vandruten@fws.gov>

From: "Van Druten, Kelley" <kelley_vandruten@fws.gov>
Sent: Thu Nov 15 2018 11:01:35 GMT-0700 (MST)
To: Joseph Madison <joseph_madison@fws.gov>
Scott Lanier <scott_lanier@fws.gov>, Arthur Beyer <arthur_beyer@fws.gov>, "Harrison, Rebecca" <rebecca_harrison@fws.gov>
CC:
Subject: Re: Wolf Trapping on AR NWR & DCR

Just a FYI that the farmers have not finished harvesting their soybeans out of the Creef units. With today's rain not sure when they'll be able to try.

Kelley

On Thu, Nov 15, 2018 at 12:52 PM Lanier, Scott <scott_lanier@fws.gov> wrote:

Joe wanted to pass on that they will begin trapping wolves on Dare Co, Range and the refuge possibly as early as next week. Please let him know if you foresee any potential conflicts.

Scott

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Scott Lanier
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Alligator River/Pea Island NWRs
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Kelley Van Druten, Assistant Refuge Manager
U.S. Fish and Wildlife Service, Alligator River NWR
PO Box 1969, 100 Conservation Way
Manteo, NC 27954

252-473-1132 ext. 239

252-475-0172 cell

kelley_vandruten@fws.gov

Label: "Mar 2019 FOIA/Trapping"

Created by: joseph_madison@fws.gov

Total Messages in label: 271 (48 conversations)

Created: 05-31-2019 at 11:57 AM

Conversation Contents

Fwd: [EXTERNAL] FW: Mattamuskeet Ventures Oct, 2018

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/22. Fwd: [EXTERNAL] FW: Mattamuskeet Ventures Oct, 2018/2.1 MMV Oct 18 trapping.pdf
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/22. Fwd: [EXTERNAL] FW: Mattamuskeet Ventures Oct, 2018/3.1 MMV Oct 18 trapping.pdf
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"Benjamin, Pete" <pete_benjamin@fws.gov>

From: "Benjamin, Pete" <pete_benjamin@fws.gov>
Sent: Tue Nov 13 2018 06:33:05 GMT-0700 (MST)
To: Joseph Madison <joseph_madison@fws.gov>
Subject: Fwd: [EXTERNAL] FW: Mattamuskeet Ventures Oct, 2018 MMV Oct 18 trapping.pdf Mattamuskeet Ventures coyote removal records.pdf Mattamuskeet Ventures - Coyote Depredation Permit - October 2018 FINAL.pdf
Attachments:

Pete Benjamin
Field Supervisor
Raleigh ES Field Office
U.S. Fish and Wildlife Service
551F Pylon Drive
Raleigh, NC 27606
Office: (919) 856-4520 x 11
Mobile: (919) 816-6408

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From: **Hocutt, Lisa W.** <lisa.hocutt@ncwildlife.org>

Date: Mon, Nov 12, 2018 at 7:59 PM

Subject: [EXTERNAL] FW: Mattamuskeet Ventures Oct, 2018

To: Briggs, M. Kyle <kyle.briggs@ncwildlife.org>, Myers, Gordon S. <gordon.myers@ncwildlife.org>, Christofferson, Erik D. <erik.christofferson@ncwildlife.org>, Cobb, David T. <david.cobb@ncwildlife.org>, Barnes, Daron K. <daron.barnes@ncwildlife.org>, Shipley, Andrea J <andrea.shipley@ncwildlife.org>, Pete Benjamin (pete_benjamin@fws.gov) <pete_benjamin@fws.gov>, Tom Harrison <harrison@greenvillenc.com>

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To: Hocutt, Lisa W. <lisa.hocutt@ncwildlife.org>
Subject: [External] Mattamuskeet Ventures Oct, 2018

Lisa I think this is all the information I am supposed to turn in to you. I will meet with Worth and give him the collected samples.

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"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Tue Nov 13 2018 17:14:06 GMT-0700 (MST)
To: "Morse, Michael" <michael_l_morse@fws.gov>, Ryne Boone <ryne_boone@nps.gov>
Subject: Fwd: [EXTERNAL] FW: Mattamuskeet Ventures Oct, 2018
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joseph_madison@fws.gov

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From: Benjamin, Pete <pete_benjamin@fws.gov>
Date: Tue, Nov 13, 2018 at 8:33 AM
Subject: Fwd: [EXTERNAL] FW: Mattamuskeet Ventures Oct, 2018
To: Joseph Madison <joseph_madison@fws.gov>

Pete Benjamin
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To: Morse, Michael <michael_l_morse@fws.gov>, Ryne Boone <ryne_boone@nps.gov>

FYI

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Total Messages in label:255 (70 conversations)

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252-473-1132x223

252-216-7506 (mobile)
252-473-1668 (fax)

Label: "Mar 2019 FOIA/Trapping"

Created by: joseph_madison@fws.gov

Total Messages in label: 271 (48 conversations)

Created: 05-31-2019 at 11:57 AM



Conversation Contents

Ventures trapping

"Morse, Michael" <michael_l_morse@fws.gov>

From: "Morse, Michael" <michael_l_morse@fws.gov>
Sent: Thu Oct 11 2018 08:21:37 GMT-0600 (MDT)
To: Joseph Madison <joseph_madison@fws.gov>
Subject: Ventures trapping

Good morning Joe,
All quite here. I got a text from trapper David Denton saying they'll be pulling the line on Sunday. I'm planning on meeting him in Columbia Monday am to get the kennels. I'll also take the time to talk to him about the latest trapping and the chance he may take a few more measurements for us in the future. Thanks,

--

Michael L. Morse
Wildlife Biologist, USFWS
ENC ES Sub-Field Office
100 Conservation Way, PO Box 1969
Manteo, NC 27954
Work: (252) 473-1131, ext. 242
Cell#: **(252) 475-8350**

Label: "Mar 2019 FOIA/Trapping"

Created by: joseph_madison@fws.gov

Total Messages in label: 271 (48 conversations)

Created: 05-31-2019 at 11:58 AM

Conversation Contents

[EXTERNAL] new publications

Attachments:

/24. [EXTERNAL] new publications/10.1 2526_carnivore conservation needs evidence based livestock protection.pdf

"Songsasen, Nucharin" <SongsasenN@si.edu>

From: "Songsasen, Nucharin" <SongsasenN@si.edu>
Sent: Wed Sep 19 2018 10:43:31 GMT-0600 (MDT)
Ben Prater <bprater@defenders.org>, "Benjamin, Pete" <pete_benjamin@fws.gov>, "Bridgett M. vonHoldt" <vonholdt@princeton.edu>, "Bruskotter, Jeremy" <bruskotter.9@osu.edu>, Craig Standridge <Craig.Standridge@pdza.org>, Cristina Eisenberg <ceisenberg@earthwatch.org>, "cslaporte@gmail.com" <cslaporte@gmail.com>, "Davis, Jennifer" <DavisJe@si.edu>, "Dodge, Molly" <DodgeM@si.edu>, "Gompper, Matthew E." <gompper@missouri.edu>, Jacqueline Weeks <jweeks@conservationcenters.org>, Jennie Miller <JMiller@defenders.org>, "Johnson, Amy E." <JohnsonAE@si.edu>, "Johnson, Cole" <JohnsonC@si.edu>, "Jones, Marshall" <JonesMP@si.edu>, Karen Wolf <Karen.Wolf@pdza.org>, Katy Palfrey <kpalfrey@conservationcenters.org>, Kayla Ripple <kripple@aza.org>, Kim Wheeler <kwheeler@redwolves.com>, "Koepfli, Klaus-Peter" <KoepfliK@si.edu>, Kristin Brzeski <kbrzeski@mtu.edu>, "Lasher, Chris" <chris.lasher@nczoo.org>, Lisa Faust <LFaust@lpzoo.org>, Lisa Volgenau <lisa@volgenaufoundation.org>, LPF Office <mike@libertyprairie.org>, "Madison, Joseph" <joseph_madison@fws.gov>, Michael J Chamberlain <mchamberlain@warnell.uga.edu>, Michael Morse <michael_l_morse@fws.gov>, "Mike Phillips (TESF-Bozeman)" <Mike.Phillips@tedturner.com>, "Miranda, Leopoldo" <leopoldo_miranda@fws.gov>, "Monfort, Steven" <monforts@si.edu>, Phil Miller <pmiller@cpsg.org>, "Pitt, William" <PittW@si.edu>, Regina Mossotti <rmossotti@endangeredwolfcenter.org>, Roland Kays <rwkays@ncsu.edu>, Ron Sutherland <ron@wildlandsnetwork.org>, sacharuna <sacharuna@pfchq.com>, "Serenari, Christopher" <c_s754@txstate.edu>, Shelly Grow <SGrow@aza.org>, "Songer, Melissa" <SongerM@si.edu>, Steve Olson <SOlson@aza.org>, Thomas Risch <trisch@astate.edu>, "Toivonen, Lauren . (MU-Student)" <lkt895@mail.missouri.edu>, "Weller, Emily" <emily_weller@fws.gov>, "Wildt, David" <WildtD@si.edu>, Will Waddell <firthoclyde53@gmail.com>

Subject: [EXTERNAL] new publications

Ground breaking research!

Rediscovery of red wolf ghost alleles in a canid population along the American Gulf Coast

<https://www.biorxiv.org/content/early/2018/09/18/420356>

"Jones, Marshall" <JonesMP@si.edu>

From: "Jones, Marshall" <JonesMP@si.edu>
Sent: Wed Sep 19 2018 10:51:05 GMT-0600 (MDT)
"Songsasen, Nucharin" <SongsasenN@si.edu>, Ben Prater <bprater@defenders.org>, "Benjamin, Pete" <pete_benjamin@fws.gov>, "Bridgett M. vonHoldt" <vonholdt@princeton.edu>, "Bruskotter, Jeremy" <bruskotter.9@osu.edu>, Craig Standridge <Craig.Standridge@pdza.org>, Cristina Eisenberg <ceisenberg@earthwatch.org>, "cslaporte@gmail.com" <cslaporte@gmail.com>, "Davis, Jennifer" <DavisJe@si.edu>, "Dodge, Molly" <DodgeM@si.edu>, "Gompper, Matthew E." <gompper@missouri.edu>, Jacqueline Weeks <jweeks@conservationcenters.org>, Jennie Miller <JMiller@defenders.org>, "Johnson, Amy E." <JohnsonAE@si.edu>, "Johnson, Cole" <JohnsonC@si.edu>, Karen Wolf <Karen.Wolf@pdza.org>, Katy Palfrey <kpalfrey@conservationcenters.org>, Kayla Ripple <kripple@aza.org>, Kim Wheeler <kwheeler@redwolves.com>, "Koepfli, Klaus-Peter" <KoepfliK@si.edu>, Kristin Brzeski <kbrzeski@mtu.edu>, "Lasher, Chris" <chris.lasher@nczoo.org>, Lisa Faust <LFaust@lpzoo.org>, Lisa Volgenau <lisa@volgenaufoundation.org>, LPF Office <mike@libertyprairie.org>, "Madison, Joseph" <joseph_madison@fws.gov>, Michael J Chamberlain <mchamberlain@warnell.uga.edu>, Michael Morse <michael_l_morse@fws.gov>, "Mike Phillips (TESF-Bozeman)" <Mike.Phillips@tedturner.com>, "Miranda, Leopoldo" <leopoldo_miranda@fws.gov>, "Monfort, Steven" <monforts@si.edu>, Phil Miller <pmiller@cpsg.org>, "Pitt, William" <PittW@si.edu>, Regina Mossotti <rmossotti@endangeredwolfcenter.org>, Roland Kays <rwkays@ncsu.edu>, Ron Sutherland <ron@wildlandsnetwork.org>, sacharuna <sacharuna@pfchq.com>, "Serenari, Christopher" <c_s754@txstate.edu>, Shelly Grow <SGrow@aza.org>, "Songer, Melissa" <SongerM@si.edu>, Steve Olson <SOlson@aza.org>, Thomas Risch <trisch@astate.edu>, "Toivonen, Lauren . (MU-Student)" <lkt895@mail.missouri.edu>, "Weller, Emily" <emily_weller@fws.gov>, "Wildt, David" <WildtD@si.edu>, Will Waddell <firhoclyde53@gmail.com>

Subject: [EXTERNAL] RE: new publications

Yes it is Nuch! I've also heard that there may be something similar in extant Canid populations in western Louisiana (Sabine National Wildlife Refuge and adjacent areas) though they would not be as geographically distinct as Canids on Galveston Island. I'd be interested if anyone has information about this?

Marshall

Marshall P Jones
Senior Conservation Advisor
Smithsonian Conservation Biology Institute
1500 Remount Rd
Front Royal, VA 22630
Tel: 540-635-6517 Mobile: 540-660-2549
jonesmp@si.edu

From: Songsasen, Nucharin

Sent: Wednesday, September 19, 2018 12:44 PM

To: Ben Prater <bprater@defenders.org>; Benjamin, Pete <pete_benjamin@fws.gov>; Bridgett M. vonHoldt <vonholdt@Princeton.EDU>; Bruskotter, Jeremy <bruskotter.9@osu.edu>; Craig Standridge <Craig.Standridge@pdza.org>; Cristina Eisenberg <ceisenberg@earthwatch.org>; cslaporte@gmail.com; Davis, Jennifer <DavisJe@si.edu>; Dodge, Molly <DodgeM@si.edu>; Gompper, Matthew E. <gompper@missouri.edu>; Jacqueline Weeks <jweeks@conservationcenters.org>; Jennie Miller <JMiller@defenders.org>; Johnson, Amy E. <JohnsonAE@si.edu>; Johnson, Cole <JohnsonC@si.edu>; Jones, Marshall <JonesMP@si.edu>; Karen Wolf <Karen.Wolf@pdza.org>; Katy Palfrey <kpalfrey@conservationcenters.org>; Kayla Ripple <kripple@AZA.org>; Kim Wheeler <kwheeler@redwolves.com>; Koepfli, Klaus-Peter <KoepfliK@si.edu>; Kristin Brzeski <kbrzeski@mtu.edu>; Lasher, Chris <chris.lasher@nczoo.org>; Lisa Faust <LFaust@lpzoo.org>; Lisa Volgenau <lisa@volgenaufoundation.org>; LPF Office <mike@libertyprairie.org>; Madison, Joseph <joseph_madison@fws.gov>; Michael J Chamberlain <mchamberlain@warnell.uga.edu>; Michael Morse <michael_l_morse@fws.gov>; Mike Phillips (TESF-Bozeman) <Mike.Phillips@tedturner.com>; Miranda, Leopoldo <leopoldo_miranda@fws.gov>; Monfort, Steven <monforts@si.edu>; Phil Miller <pmiller@cpsg.org>; Pitt, William <PittW@si.edu>; Regina Mossotti <rmossotti@endangeredwolfcenter.org>; Roland Kays <rwkays@ncsu.edu>; Ron Sutherland <ron@wildlandsnetwork.org>; sacharuna <sacharuna@pfchq.com>; Serenari, Christopher <c_s754@txstate.edu>; Shelly Grow <SGrow@AZA.org>; Songer, Melissa <SongerM@si.edu>; Steve Olson <SOlson@AZA.org>; Thomas Risch <trisch@astate.edu>; Toivonen, Lauren . (MU-Student) <lkt895@mail.missouri.edu>; Weller, Emily <emily_weller@fws.gov>; Wildt, David <WildtD@si.edu>; Will Waddell <firhoclyde53@gmail.com>

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<https://www.biorxiv.org/content/early/2018/09/18/420356>

Ron Sutherland <ron@wildlandsnetwork.org>

From: Ron Sutherland <ron@wildlandsnetwork.org>
Sent: Wed Sep 19 2018 11:12:53 GMT-0600 (MDT)

To:

"Jones, Marshall" <JonesMP@si.edu>, "Songsasen, Nucharin" <SongsasenN@si.edu>, Ben Prater <bprater@defenders.org>, "Benjamin, Pete" <pete_benjamin@fws.gov>, "Bridgett M. vonHoldt" <vonholdt@princeton.edu>, "Bruskotter, Jeremy" <bruskotter.9@osu.edu>, Craig Standridge <Craig.Standridge@pdza.org>, Cristina Eisenberg <ceisenberg@earthwatch.org>, "cslaporte@gmail.com" <cslaporte@gmail.com>, "Davis, Jennifer" <DavisJe@si.edu>, "Dodge, Molly" <DodgeM@si.edu>, "Gompper, Matthew E." <gompper@missouri.edu>, Jacqueline Weeks <jweeks@conservationcenters.org>, Jennie Miller <JMiller@defenders.org>, "Johnson, Amy E." <JohnsonAE@si.edu>, "Johnson, Cole" <JohnsonC@si.edu>, Karen Wolf <Karen.Wolf@pdza.org>, Katy Palfrey <kpalfrey@conservationcenters.org>, Kayla Ripple <kripple@aza.org>, Kim Wheeler <kwheeler@redwolves.com>, "Koepfli, Klaus-Peter" <KoepfliK@si.edu>, Kristin Brzeski <kbrzeski@mtu.edu>, "Lasher, Chris" <chris.lasher@nczoo.org>, Lisa Faust <LFaust@lpzoo.org>, Lisa Volgenau <lisa@volgenaufoundation.org>, LPF Office <mike@libertyprairie.org>, "Madison, Joseph" <joseph_madison@fws.gov>, Michael J Chamberlain <mchamberlain@warnell.uga.edu>, Michael Morse <michael_l_morse@fws.gov>, "Mike Phillips (TESF-Bozeman)" <Mike.Phillips@tedturner.com>, "Miranda, Leopoldo" <leopoldo_miranda@fws.gov>, "Monfort, Steven" <monforts@si.edu>, Phil Miller <pmiller@cpsg.org>, "Pitt, William" <PittW@si.edu>, Regina Mossotti <rmossotti@endangeredwolfcenter.org>, Roland Kays <rwkays@ncsu.edu>, sacharuna <sacharuna@pfchq.com>, "Serenari, Christopher" <c_s754@txstate.edu>, Shelly Grow <SGrow@aza.org>, "Songer, Melissa" <SongerM@si.edu>, "solson@aza.org" <solson@aza.org>, Thomas Risch <trisch@astate.edu>, "Toivonen, Lauren . (MU-Student)" <lkt895@mail.missouri.edu>, "Weller, Emily" <emily_weller@fws.gov>, "Wildt, David" <WildtD@si.edu>, Will Waddell <firthoclyde53@gmail.com>

Subject:

[EXTERNAL] Re: new publications

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Ron

On 9/19/2018 12:51 PM, Jones, Marshall wrote:

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Marshall

Marshall P Jones
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1500 Remount Rd
Front Royal, VA 22630
Tel: 540-635-6517 Mobile: 540-660-2549
ionemp@si.edu

From: Songsasen, Nucharin
Sent: Wednesday, September 19, 2018 12:44 PM
To: Ben Prater <bpater@defenders.org>; Benjamin, Pete <pete_benjamin@fws.gov>; Bridgett M. vonHoldt <vonholdt@Princeton.EDU>; Bruskotter, Jeremy <bruskotter.9@osu.edu>; Craig Standridge <Craig.Standridge@pdza.org>; Cristina Eisenberg <ceisenberg@earthwatch.org>; cslaporte@gmail.com; Davis, Jennifer <DavisJe@si.edu>; Dodge, Molly <DodgeM@si.edu>; Gompper, Matthew E. <gompper@missouri.edu>; Jacqueline Weeks <jweeks@conservationcenters.org>; Jennie Miller <JMiller@defenders.org>; Johnson, Amy E. <JohnsonAE@si.edu>; Johnson, Cole <JohnsonC@si.edu>; Jones, Marshall <JonesMP@si.edu>; Karen Wolf <Karen.Wolf@pdza.org>; Katy Palfrey <kpalfrey@conservationcenters.org>; Kayla Ripple <kripple@AZA.org>; Kim Wheeler <kwheeler@redwolves.com>; Koepfli, Klaus-Peter <KoepfliK@si.edu>; Kristin Brzeski <kbrzeski@mtu.edu>; Lasher, Chris <chris.lasher@nczoo.org>; Lisa Faust <LFaust@lpzoo.org>; Lisa Volgenau <lisa@volgenaufoundation.org>; LPF Office <mike@libertyprairie.org>; Madison, Joseph <joseph_madison@fws.gov>; Michael J Chamberlain <mchamberlain@warnell.uga.edu>; Michael Morse <michael_l_morse@fws.gov>; Mike Phillips (TESF-Bozeman) <Mike.Phillips@tedturner.com>; Miranda, Leopoldo <leopoldo_miranda@fws.gov>; Monfort, Steven <monforts@si.edu>; Phil Miller <pmiller@cpsg.org>; Pitt, William <PittW@si.edu>; Regina Mossotti <rmossotti@endangeredwolfcenter.org>; Roland Kays <rwkays@ncsu.edu>; Ron Sutherland <ron@wildlandsnetwork.org>; sacharuna <sacharuna@pfchq.com>; Serenari, Christopher <c_s754@txstate.edu>; Shelly Grow <SGrow@AZA.org>; Songer, Melissa <SongerM@si.edu>; Steve Olson <SOlson@AZA.org>; Thomas Risch <trisch@astate.edu>; Toivonen, Lauren . (MU-Student) <lkt895@mail.missouri.edu>; Weller, Emily <emily_weller@fws.gov>; Wildt, David <WildtD@si.edu>; Will Waddell <firthoclyde53@gmail.com>
Subject: new publications

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--

Ron Sutherland, Ph.D.

Conservation Scientist

Wildlands Network

919-641-0060 cell

www.flickr.com/photos/redwolfreality/albums

"Mike Phillips (TESF-Bozeman)" <Mike.Phillips@tedturner.com>

From: "Mike Phillips (TESF-Bozeman)" <Mike.Phillips@tedturner.com>
Sent: Wed Sep 19 2018 11:24:14 GMT-0600 (MDT)
Ron Sutherland <ron@wildlandsnetwork.org>, "Jones, Marshall" <JonesMP@si.edu>, "Songsasen, Nucharin" <SongsasenN@si.edu>, Ben Prater <bprater@defenders.org>, "Benjamin, Pete" <pete_benjamin@fws.gov>, "Bridgett M. vonHoldt" <vonholdt@princeton.edu>, "Bruskotter, Jeremy" <bruskotter.9@osu.edu>, Craig Standridge <Craig.Standridge@pdza.org>, Cristina Eisenberg <ceisenberg@earthwatch.org>, "cslaporte@gmail.com" <cslaporte@gmail.com>, "Davis, Jennifer" <DavisJe@si.edu>, "Dodge, Molly" <DodgeM@si.edu>, "Gompper, Matthew E." <gompper@missouri.edu>, Jacqueline Weeks <jweeks@conservationcenters.org>, Jennie Miller <JMiller@defenders.org>, "Johnson, Amy E." <JohnsonAE@si.edu>, "Johnson, Cole" <JohnsonC@si.edu>, Karen Wolf <Karen.Wolf@pdza.org>, Katy Palfrey <kpalfrey@conservationcenters.org>, Kayla Ripple <kripple@aza.org>, Kim Wheeler <kwheeler@redwolves.com>, "Koepfli, Klaus-Peter" <KoepfliK@si.edu>, Kristin Brzeski <kbrzeski@mtu.edu>, "Lasher, Chris" <chris.lasher@nczoo.org>, Lisa Faust <LFaust@lpzoo.org>, Lisa Volgenau <lisa@volgenaufoundation.org>, LPF Office <mike@libertyprairie.org>, "Madison, Joseph" <joseph_madison@fws.gov>, Michael J Chamberlain <mchamberlain@warnell.uga.edu>, Michael Morse <michael_l_morse@fws.gov>, "Miranda, Leopoldo" <leopoldo_miranda@fws.gov>, "Monfort, Steven" <monforts@si.edu>, Phil Miller <pmiller@cpsg.org>, "Pitt, William" <PittW@si.edu>, Regina Mossotti <rmossotti@endangeredwolfcenter.org>, Roland Kays <rwkays@ncsu.edu>, sacharuna <sacharuna@pfchq.com>, "Serenari, Christopher" <c_s754@txstate.edu>, Shelly Grow <SGrow@aza.org>, "Songer, Melissa" <SongerM@si.edu>, "solson@aza.org" <solson@aza.org>, Thomas Risch <trisch@astate.edu>, "Toivonen, Lauren . (MU-Student)" <lkt895@mail.missouri.edu>, "Weller, Emily" <emily_weller@fws.gov>, "Wildt, David" <WildtD@si.edu>, Will Waddell <firthoclyde53@gmail.com>

To:

Subject: [EXTERNAL] RE: new publications

Folks,

FYI, in 1988 I led an effort to trap canids in the Sabine National Wildlife Refuge in hopes of catching new founders for the red wolf breeding program.

Mike Morse accompanied me to the refuge and we logged several days of good trapping. We caught two animals that appeared to be big coyotes or red wolf/coyote hybrids. Neither was placed in captivity and I don't recall any samples being subjected to genetic analysis, in part because available techniques were very different from those available today.

It would be very easy to conduct a new reconnaissance if it was believed that enough good could come from another round of trapping to offset the negative consequences related to harassing the trapped animals.

I recall that years ago Dave Mech got involved with an effort to track down canids (in Louisiana or Mississippi) that looked a lot like red wolves. I don't think anything came of the effort, but Dave would know the full story.

Mike

From: Ron Sutherland <ron@wildlandsnetwork.org>

Sent: Wednesday, September 19, 2018 11:13 AM

To: Jones, Marshall <JonesMP@si.edu>; Songsasen, Nucharin <SongsasenN@si.edu>; Ben Prater <bprater@defenders.org>; Benjamin, Pete <pete_benjamin@fws.gov>; Bridgett M. vonHoldt <vonholdt@Princeton.EDU>; Bruskotter, Jeremy <bruskotter.9@osu.edu>; Craig Standridge <Craig.Standridge@pdza.org>; Cristina Eisenberg <ceisenberg@earthwatch.org>; cslaporte@gmail.com; Davis, Jennifer <DavisJe@si.edu>; Dodge, Molly <DodgeM@si.edu>; Gompper, Matthew E. <gompper@missouri.edu>; Jacqueline Weeks <jweeks@conservationcenters.org>; Jennie Miller <JMiller@defenders.org>; Johnson, Amy E. <JohnsonAE@si.edu>; Johnson, Cole <JohnsonC@si.edu>; Karen Wolf <Karen.Wolf@pdza.org>; Katy Palfrey <kpalfrey@conservationcenters.org>; Kayla Ripple <kripple@AZA.org>; Kim Wheeler <kwheeler@redwolves.com>; Koepfli, Klaus-Peter <KoepfliK@si.edu>; Kristin Brzeski <kbrzeski@mtu.edu>; Lasher, Chris <chris.lasher@nczoo.org>; Lisa Faust <LFaust@lpzoo.org>; Lisa Volgenau <lisa@volgenaufoundation.org>; LPF Office <mike@libertyprairie.org>; Madison, Joseph <joseph_madison@fws.gov>; Michael J Chamberlain <mchamberlain@warnell.uga.edu>; Michael Morse <michael_l_morse@fws.gov>; Mike Phillips (TESF-Bozeman) <Mike.Phillips@tedturner.com>; Miranda, Leopoldo <leopoldo_miranda@fws.gov>; Monfort, Steven <monforts@si.edu>; Phil Miller <pmiller@cpsg.org>; Pitt, William <PittW@si.edu>; Regina Mossotti <rmossotti@endangeredwolfcenter.org>; Roland Kays <rwkays@ncsu.edu>; sacharuna <sacharuna@pfchq.com>; Serenari, Christopher <c_s754@txstate.edu>; Shelly Grow <SGrow@AZA.org>; Songer, Melissa <SongerM@si.edu>; solson@aza.org; Thomas Risch <trisch@astate.edu>; Toivonen, Lauren . (MU-Student) <lkt895@mail.missouri.edu>; Weller, Emily <emily_weller@fws.gov>; Wildt, David <WildtD@si.edu>; Will Waddell <firhoclyde53@gmail.com>

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Subject: new publications

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Ron Sutherland, Ph.D.
Conservation Scientist
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919-641-0060 cell
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www.wildlandsnetwork.org

"Miranda, Leopoldo" <leopoldo_miranda@fws.gov>

From: "Miranda, Leopoldo" <leopoldo_miranda@fws.gov>
Sent: Wed Sep 19 2018 11:40:21 GMT-0600 (MDT)
Pete Benjamin <pete_benjamin@fws.gov>, Michelle Eversen <michelle_eversen@fws.gov>, Aaron Valenta <aaron_valenta@fws.gov>, Emily Weller <emily_weller@fws.gov>
To: <emily_weller@fws.gov>, Jack Arnold <jack_arnold@fws.gov>,

"Madison, Joseph" <joseph_madison@fws.gov>, Jeffrey Fleming
<jeffrey_m_fleming@fws.gov>

Subject: Fwd: [EXTERNAL] RE: new publications

Folks, We are going to develop some quick talking points for this. I think we should respond to this chain of emails but let's wait for these talking points.

Leo

Leopoldo "Leo" Miranda
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----- Forwarded message -----

From: **Jones, Marshall** <JonesMP@si.edu>

Date: Wed, Sep 19, 2018 at 12:51 PM

Subject: [EXTERNAL] RE: new publications

To: Songsasen, Nucharin <SongsasenN@si.edu>, Ben Prater <bprater@defenders.org>, Benjamin, Pete <pete_benjamin@fws.gov>, Bridgett M. vonHoldt <vonholdt@princeton.edu>, Bruskotter, Jeremy <bruskotter.9@osu.edu>, Craig Standridge <Craig.Standridge@pdza.org>, Cristina Eisenberg <ceisenberg@earthwatch.org>, cslaporte@gmail.com <cslaporte@gmail.com>, Davis, Jennifer <DavisJe@si.edu>, Dodge, Molly <DodgeM@si.edu>, Gompper, Matthew E. <gompper@missouri.edu>, Jacqueline Weeks <jweeks@conservationcenters.org>, Jennie Miller <JMiller@defenders.org>, Johnson, Amy E. <JohnsonAE@si.edu>, Johnson, Cole <JohnsonC@si.edu>, Karen Wolf <Karen.Wolf@pdza.org>, Katy Palfrey <kpalfrey@conservationcenters.org>, Kayla Ripple <kripple@aza.org>, Kim Wheeler <kwheeler@redwolves.com>, Koepfli, Klaus-Peter <KoepfliK@si.edu>, Kristin Brzeski <kbrzeski@mtu.edu>, Lasher, Chris <chris.lasher@nczoo.org>, Lisa Faust <LFaust@lpzoo.org>, Lisa Volgenau <lisa@volgenaufoundation.org>, LPF Office <mike@libertyprairie.org>, Madison, Joseph <joseph_madison@fws.gov>, Michael J Chamberlain <mchamberlain@warnell.uga.edu>, Michael Morse <michael_l_morse@fws.gov>, Mike Phillips (TESF-Bozeman) <Mike.Phillips@tedturner.com>, Miranda, Leopoldo <leopoldo_miranda@fws.gov>, Monfort, Steven <monforts@si.edu>, Phil Miller <pmiller@cpsg.org>, Pitt, William <PittW@si.edu>, Regina Mossotti <rmossotti@endangeredwolfcenter.org>, Roland Kays <rwkays@ncsu.edu>, Ron Sutherland <ron@wildlandsnetwork.org>, sacharuna <sacharuna@pfchq.com>, Serenari, Christopher <c_s754@txstate.edu>, Shelly Grow <SGrow@aza.org>, Songer, Melissa <SongerM@si.edu>, Steve Olson <SOlson@aza.org>, Thomas Risch <trisch@astate.edu>, Toivonen, Lauren . (MU-Student) <ikt895@mail.missouri.edu>, Weller, Emily <emily_weller@fws.gov>, Wildt, David <WildtD@si.edu>, Will Waddell <firthoclyde53@gmail.com>

Yes it is Nuch! I've also heard that there may be something similar in extant Canid populations in western Louisiana (Sabine National Wildlife Refuge and adjacent areas) though they would not be as geographically distinct as Canids on Galveston Island. I'd be interested if anyone has information about this?

Marshall

Marshall P Jones
Senior Conservation Advisor
Smithsonian Conservation Biology Institute
1500 Remount Rd
Front Royal, VA 22630
Tel: 540-635-6517 Mobile: 540-660-2549
ionesmp@si.edu

From: Songsasen, Nucharin

Sent: Wednesday, September 19, 2018 12:44 PM

To: Ben Prater <bprater@defenders.org>; Benjamin, Pete <pete_benjamin@fws.gov>; Bridgett M. vonHoldt <vonholdt@Princeton.EDU>; Bruskotter, Jeremy <bruskotter.9@osu.edu>; Craig Standridge <Craig.Standridge@pdza.org>; Cristina Eisenberg <ceisenberg@earthwatch.org>; cslaporte@gmail.com; Davis, Jennifer <DavisJe@si.edu>; Dodge, Molly <DodgeM@si.edu>; Gompper, Matthew E. <gompper@missouri.edu>; Jacqueline Weeks <jweeks@conservationcenters.org>; Jennie Miller <JMiller@defenders.org>; Johnson, Amy E. <JohnsonAE@si.edu>; Johnson, Cole <JohnsonC@si.edu>; Jones, Marshall <JonesMP@si.edu>; Karen Wolf <Karen.Wolf@pdza.org>; Katy Palfrey <kpalfrey@conservationcenters.org>; Kayla Ripple <kripple@AZA.org>; Kim Wheeler <kwheeler@redwolves.com>; Koepfli, Klaus-Peter <KoepfliK@si.edu>; Kristin Brzeski <kbrzeski@mtu.edu>; Lasher, Chris <chris.lasher@nczoo.org>; Lisa Faust <LFaust@lpzoo.org>; Lisa Volgenau <lisa@volgenaufoundation.org>; LPF Office <mike@libertyprairie.org>; Madison, Joseph <joseph_madison@fws.gov>; Michael J Chamberlain <mchamberlain@warnell.uga.edu>; Michael Morse <michael_l_morse@fws.gov>; Mike Phillips (TESF-Bozeman) <Mike.Phillips@tedturner.com>; Miranda, Leopoldo <leopoldo_miranda@fws.gov>; Monfort, Steven <monforts@si.edu>; Phil Miller <pmiller@cpsg.org>; Pitt, William <PittW@si.edu>; Regina Mossotti <rmossotti@endangeredwolfcenter.org>; Roland Kays <rwkays@ncsu.edu>; Ron Sutherland <ron@wildlandsnetwork.org>; sacharuna <sacharuna@pfchq.com>; Serenari, Christopher <c_s754@txstate.edu>; Shelly Grow <SGrow@AZA.org>; Songer, Melissa <SongerM@si.edu>; Steve Olson <SOlson@AZA.org>; Thomas Risch <trisch@astate.edu>; Toivonen, Lauren . (MU-Student) <lkt895@mail.missouri.edu>; Weller, Emily <emily_weller@fws.gov>; Wildt, David <WildtD@si.edu>; Will Waddell <firthoclyde53@gmail.com>

Subject: new publications

Ground breaking research!

Rediscovery of red wolf ghost alleles in a canid population along the American Gulf Coast

<https://www.biorxiv.org/content/early/2018/09/18/420356>

"Benjamin, Pete" <pete_benjamin@fws.gov>

From: "Benjamin, Pete" <pete_benjamin@fws.gov>
Sent: Wed Sep 19 2018 12:50:48 GMT-0600 (MDT)
To: "Miranda, Leopoldo" <leopoldo_miranda@fws.gov>
Michelle Eversen <michelle_eversen@fws.gov>, Aaron Valenta <aaron_valenta@fws.gov>, Emily Weller
CC: <emily_weller@fws.gov>, Jack Arnold <jack_arnold@fws.gov>, "Madison, Joseph" <joseph_madison@fws.gov>, Jeffrey Fleming <jeffrey_m_fleming@fws.gov>

Subject:

Re: [EXTERNAL] RE: new publications

One of the communications challenges will be to avoid the mistakes made in communicating the result of vonHoldt et al. As you'll recall, that study was widely misinterpreted as stating that red wolves are "75% coyote". I've asked Kristen (who gave us the briefing earlier this week) to provide us a more layman's description of their statistical analysis. She said she'd be happy to, but I haven't heard back from her yet.

Pete Benjamin
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On Wed, Sep 19, 2018 at 1:40 PM, Miranda, Leopoldo <leopoldo_miranda@fws.gov> wrote:

Folks, We are going to develop some quick talking points for this. I think we should respond to this chain of emails but let's wait for these talking points.

Leo

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Marshall

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Subject: new publications

Ground breaking research!

Rediscovery of red wolf ghost alleles in a canid population along the American Gulf Coast

<https://www.biorxiv.org/content/early/2018/09/18/420356>

Leopoldo Miranda <leopoldo_miranda@fws.gov>

From: Leopoldo Miranda <leopoldo_miranda@fws.gov>
Sent: Wed Sep 19 2018 16:15:52 GMT-0600 (MDT)
To: "Mike Phillips (TESF-Bozeman)" <Mike.Phillips@tedturner.com>
Ron Sutherland <ron@wildlandsnetwork.org>, "Jones, Marshall" <JonesMP@si.edu>, "Songsasen, Nucharin" <SongsasenN@si.edu>, Ben Prater <bprater@defenders.org>, "Benjamin, Pete" <pete_benjamin@fws.gov>, "Bridgett M. vonHoldt" <vonholdt@princeton.edu>, "Bruskotter, Jeremy" <bruskotter.9@osu.edu>, Craig Standridge <Craig.Standridge@pdza.org>, Cristina Eisenberg <ceisenberg@earthwatch.org>, "cslaporte@gmail.com" <cslaporte@gmail.com>, "Davis, Jennifer" <DavisJe@si.edu>, "Dodge, Molly" <DodgeM@si.edu>, "Gompper, Matthew E." <gompper@missouri.edu>, Jacqueline Weeks <jweeks@conservationcenters.org>, Jennie Miller <JMiller@defenders.org>, "Johnson, Amy E." <JohnsonAE@si.edu>, "Johnson, Cole" <JohnsonC@si.edu>, Karen Wolf <Karen.Wolf@pdza.org>, Katy Palfrey <kpalfrey@conservationcenters.org>, Kayla Ripple <kripple@aza.org>, Kim Wheeler <kwheeler@redwolves.com>, "Koepfli, Klaus-Peter" <KoepfliK@si.edu>, Kristin Brzeski <kbrzeski@mtu.edu>, "Lasher, Chris" <chris.lasher@nczoo.org>, Lisa Faust <LFaust@lpzoo.org>, Lisa Volgenau <lisa@volgenaufoundation.org>, LPF Office <mike@libertyprairie.org>, "Madison, Joseph" <joseph_madison@fws.gov>, Michael J Chamberlain <mchamberlain@warnell.uga.edu>, Michael Morse <michael_l_morse@fws.gov>, "Monfort, Steven" <monforts@si.edu>, Phil Miller <pmiller@cpsg.org>, "Pitt, William" <PittW@si.edu>, Regina Mossotti <rmossotti@endangeredwolfcenter.org>, Roland Kays <rwkays@ncsu.edu>, sacharuna <sacharuna@pfchq.com>, "Serenari, Christopher" <c_s754@txstate.edu>, Shelly Grow <SGrow@aza.org>, "Songer, Melissa" <SongerM@si.edu>, "solson@aza.org" <solson@aza.org>, Thomas Risch <trisch@astate.edu>, "Toivonen, Lauren . (MU-Student)" <lkt895@mail.missouri.edu>, "Weller, Emily" <emily_weller@fws.gov>, "Wildt, David" <WildtD@si.edu>, Will Waddell <firthoclyde53@gmail.com>
CC:
Subject: Re: [EXTERNAL] RE: new publications

All,

We are very excited about this new research released by partners. It is enhancing our knowledge on red wolf ecology. As new research like the two mentioned in this email chain is developed, we will take steps to reconsider assumptions as appropriate in terms of science we know is rapidly evolving. For example, we believed red wolves were extinct in the wild by 1980,

and today, let me Ron mentions below, new data suggests naturally occurring red wolves may occur on the landscape with no management. It's important to say here that no conclusions can be drawn from these new data in terms of the implications to conservation. Further research is needed to confirm the presence of a naturally occurring red wolf population. I'm looking forward to keep the conversation going and for your continued support in red wolf conservation.

As one of my colleagues said to me earlier today "Our natural world is a surprising and complex place"!

Leo

Leopoldo Miranda
US Fish and Wildlife Service
Assistant Regional Director - ES
Southeast US, Puerto Rico &
US Virgin Islands

Sent from my iPhone

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On Sep 19, 2018, at 1:24 PM, Mike Phillips (TESF-Bozeman) <Mike.Phillips@tedturner.com> wrote:

Folks,

FYI, in 1988 I led an effort to trap canids in the Sabine National Wildlife Refuge in hopes of catching new founders for the red wolf breeding program.

Mike Morse accompanied me to the refuge and we logged several days of good trapping. We caught two animals that appeared to be big coyotes or red wolf/coyote hybrids. Neither was placed in captivity and I don't recall any samples being subjected to genetic analysis, in part because available techniques were very different from those available today.

It would be very easy to conduct a new reconnaissance if it was believed that enough good could come from another round of trapping to offset the negative consequences related to harassing the trapped animals.

I recall that years ago Dave Mech got involved with an effort to track down canids (in Louisiana or Mississippi) that looked a lot like red wolves. I don't think anything came of the effort, but Dave would know the full story.

Mike

From: Ron Sutherland <ron@wildlandsnetwork.org>
Sent: Wednesday, September 19, 2018 11:13 AM
To: Jones, Marshall <JonesMP@si.edu>; Songsasen, Nucharin <SongsasenN@si.edu>; Ben Prater <bprater@defenders.org>; Benjamin, Pete <pete_benjamin@fws.gov>; Bridgett M. vonHoldt <vonholdt@Princeton.EDU>; Bruskotter, Jeremy <bruskotter.9@osu.edu>; Craig Standridge <Craig.Standridge@pdza.org>; Cristina Eisenberg <ceisenberg@earthwatch.org>; cslaporte@gmail.com; Davis, Jennifer <DavisJe@si.edu>; Dodge, Molly <DodgeM@si.edu>; Gompper, Matthew E. <gompper@missouri.edu>; Jacqueline Weeks <jweeks@conservationcenters.org>; Jennie Miller <JMiller@defenders.org>; Johnson, Amy E. <JohnsonAE@si.edu>; Johnson, Cole <JohnsonC@si.edu>; Karen Wolf <Karen.Wolf@pdza.org>; Katy Palfrey <kpalfrey@conservationcenters.org>; Kayla Ripple <kripple@AZA.org>; Kim Wheeler <kwheeler@redwolves.com>; Koepfli, Klaus-Peter <KoepfliK@si.edu>; Kristin Brzeski

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Subject: Re: new publications

Yes, I assume this is the same as what you are talking about Marshall: Dr. Lisette Waits presented some of her new Louisiana research to the NAS red wolf/mexican gray wolf taxonomy panel last Thursday: <http://nas-sites.org/dels/studies/wolf-taxonomy-study/meeting-1/>

They are finding abundant evidence of red wolf DNA in those LA animals as well, including one individual that appeared to potentially qualify as a full-on red wolf!

I'd be very interested to hear from USFWS what the implications of these studies will be for red wolf conservation in the field? To me, there seems to be a growing body of evidence that 1. not all the Gulf Coast red wolves were captured in the 1970's, and 2. the remaining wolves (or at least their DNA) have persisted and prospered for 40 years despite minimal management or protections by humans.

Ron

On 9/19/2018 12:51 PM, Jones, Marshall wrote:

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Ron Sutherland, Ph.D.

Conservation Scientist

Wildlands Network

919-641-0060 cell

www.flickr.com/photos/redwolfreality/albums

www.wildlandsnetwork.org

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Subject: Re: [EXTERNAL] RE: new publications

Ha! Just re read my own email and saw a typo when I referenced Ron's comments. It should have read "as Ron mentions"

Sorry Ron!!! :-)

Leo

Leopoldo Miranda
US Fish and Wildlife Service
Assistant Regional Director - ES
Southeast US, Puerto Rico &
US Virgin Islands

Sent from my iPhone

NOTE: This email correspondence and any attachments to and from this sender is subject to the Freedom of Information Act (FOIA) and may be disclosed to third parties.

On Sep 19, 2018, at 6:15 PM, Leopoldo Miranda <leopoldo_miranda@fws.gov> wrote:

All,

We are very excited about this new research released by partners. It is enhancing our knowledge on red wolf ecology. As new research like the two mentioned in this email chain is developed, we will take steps to reconsider assumptions as appropriate in terms of science we know is rapidly evolving. For example, we believed red wolves were extinct in the wild by 1980, and today, let me Ron mentions below, new data suggests naturally occurring red wolves may occur on the landscape with no management. It's important to say here that no conclusions can

be drawn from these new data in terms of the implications to conservation. Further research is needed to confirm the presence of a naturally occurring red wolf population. I'm looking forward to keep the conversation going and for your continued support in red wolf conservation.

As one of my colleagues said to me earlier today "Our natural world is a surprising and complex place"!

Leo

Leopoldo Miranda
US Fish and Wildlife Service
Assistant Regional Director - ES
Southeast US, Puerto Rico &
US Virgin Islands

Sent from my iPhone

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<Mike.Phillips@tedturner.com> wrote:

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Mike Morse accompanied me to the refuge and we logged several days of good trapping. We caught two animals that appeared to be big coyotes or red wolf/coyote hybrids. Neither was placed in captivity and I don't recall any samples being subjected to genetic analysis, in part because available techniques were very different from those available today.

It would be very easy to conduct a new reconnaissance if it was believed that enough good could come from another round of trapping to offset the negative consequences related to harassing the trapped animals.

I recall that years ago Dave Mech got involved with an effort to track down canids (in Louisiana or Mississippi) that looked a lot like red wolves. I don't think anything came of the effort, but Dave would know the full story.

Mike

From: Ron Sutherland <ron@wildlandsnetwork.org>
Sent: Wednesday, September 19, 2018 11:13 AM
To: Jones, Marshall <JonesMP@si.edu>; Songsasen, Nucharin <SongsasenN@si.edu>; Ben Prater <bprater@defenders.org>; Benjamin, Pete <pete_benjamin@fws.gov>; Bridgett M. vonHoldt <vonholdt@Princeton.EDU>; Bruskotter, Jeremy <bruskotter.9@osu.edu>; Craig Standridge <Craig.Standridge@pdza.org>; Cristina Eisenberg <ceisenberg@earthwatch.org>; cslaporte@gmail.com; Davis, Jennifer <DavisJe@si.edu>; Dodge, Molly <DodgeM@si.edu>; Gompper, Matthew E. <gompper@missouri.edu>; Jacqueline Weeks <jweeks@conservationcenters.org>; Jennie Miller <JMiller@defenders.org>; Johnson, Amy E. <JohnsonAE@si.edu>; Johnson, Cole <JohnsonC@si.edu>;

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Subject: Re: new publications

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They are finding abundant evidence of red wolf DNA in those LA animals as well, including one individual that appeared to potentially qualify as a full-on red wolf!

I'd be very interested to hear from USFWS what the implications of these studies will be for red wolf conservation in the field? To me, there seems to be a growing body of evidence that 1. not all the Gulf Coast red wolves were captured in the 1970's, and 2. the remaining wolves (or at least their DNA) have persisted and prospered for 40 years despite minimal management or protections by humans.

Ron

On 9/19/2018 12:51 PM, Jones, Marshall wrote:

Yes it is Nuch! I've also heard that there may be something similar in extant Canid populations in western Louisiana (Sabine National Wildlife Refuge and adjacent areas) though they would not be as geographically distinct as Canids on Galveston Island. I'd be interested if anyone has information about this?

Marshall

Marshall P Jones
Senior Conservation Advisor
Smithsonian Conservation Biology Institute
1500 Remount Rd
Front Royal, VA 22630
Tel: 540-635-6517 Mobile: 540-660-2549
jonemp@si.edu

From: Songsasen, Nucharin
Sent: Wednesday, September 19, 2018 12:44 PM
To: Ben Prater <bprater@defenders.org>; Benjamin, Pete <pete_benjamin@fws.gov>; Bridgett M. vonHoldt <vmholdt@Princeton.EDU>; Bruskotter, Jeremy

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Subject: new publications

Ground breaking research!

**Rediscovery of red wolf ghost alleles in a canid
population along the American Gulf Coast**
<https://www.biorxiv.org/content/early/2018/09/18/420356>

--
Ron Sutherland, Ph.D.
Conservation Scientist
Wildlands Network
919-641-0060 cell
www.flickr.com/photos/redwolfreality/albums
www.wildlandsnetwork.org

"Johnson, Cole" <JohnsonC@si.edu>

From: "Johnson, Cole" <JohnsonC@si.edu>
Sent: Wed Sep 19 2018 20:31:09 GMT-0600 (MDT)
"Mike Phillips (TESF-Bozeman)" <Mike.Phillips@tedturner.com>,</p></div>

To:

Ron Sutherland <ron@wildlandsnetwork.org>, "Jones, Marshall" <JonesMP@si.edu>, "Songsasen, Nucharin" <SongsasenN@si.edu>, Ben Prater <bprater@defenders.org>, "Benjamin, Pete" <pete_benjamin@fws.gov>, "Bridgett M. vonHoldt" <vonholdt@princeton.edu>, "Bruskotter, Jeremy" <bruskotter.9@osu.edu>, Craig Standridge <Craig.Standridge@pdza.org>, Cristina Eisenberg <ceisenberg@earthwatch.org>, "cslaporte@gmail.com" <cslaporte@gmail.com>, "Davis, Jennifer" <DavisJe@si.edu>, "Dodge, Molly" <DodgeM@si.edu>, "Gompper, Matthew E." <gompper@missouri.edu>, Jacqueline Weeks <jweeks@conservationcenters.org>, Jennie Miller <JMiller@defenders.org>, "Johnson, Amy E." <JohnsonAE@si.edu>, Karen Wolf <Karen.Wolf@pdza.org>, Katy Palfrey <kpalfrey@conservationcenters.org>, Kayla Ripple <kripple@aza.org>, Kim Wheeler <kwheeler@redwolves.com>, "Koepfli, Klaus-Peter" <KoepfliK@si.edu>, Kristin Brzeski <kbrzeski@mtu.edu>, "Lasher, Chris" <chris.lasher@nczoo.org>, Lisa Faust <LFaust@lpzoo.org>, Lisa Volgenau <lisa@volgenaufoundation.org>, LPF Office <mike@libertyprairie.org>, "Madison, Joseph" <joseph_madison@fws.gov>, Michael J Chamberlain <mchamberlain@warnell.uga.edu>, Michael Morse <michael_l_morse@fws.gov>, "Miranda, Leopoldo" <leopoldo_miranda@fws.gov>, "Monfort, Steven" <monforts@si.edu>, Phil Miller <pmiller@cpsg.org>, "Pitt, William" <PittW@si.edu>, Regina Mossotti <rmossotti@endangeredwolfcenter.org>, Roland Kays <rwkays@ncsu.edu>, sacharuna <sacharuna@pfchq.com>, "Serenari, Christopher" <c_s754@txstate.edu>, Shelly Grow <SGrow@aza.org>, "Songer, Melissa" <SongerM@si.edu>, "solson@aza.org" <solson@aza.org>, Thomas Risch <trisch@astate.edu>, "Toivonen, Lauren . (MU-Student)" <lkt895@mail.missouri.edu>, "Weller, Emily" <emily_weller@fws.gov>, "Wildt, David" <WildtD@si.edu>, Will Waddell <firhoclyde53@gmail.com>

Subject:

[EXTERNAL] RE: new publications

[This would be a cool project to get funded!](#)

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Subject: new publications

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<https://www.biorxiv.org/content/early/2018/09/18/420356>

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Ron Sutherland, Ph.D.
Conservation Scientist
Wildlands Network

919-641-0060 cell

www.flickr.com/photos/redwolfreality/albums

www.wildlandsnetwork.org

"Songsasen, Nucharin" <SongsasenN@si.edu>

From: "Songsasen, Nucharin" <SongsasenN@si.edu>
Sent: Thu Sep 20 2018 07:18:53 GMT-0600 (MDT)
To: Leopoldo Miranda <leopoldo_miranda@fws.gov>, "Mike Phillips (TESF-Bozeman)" <Mike.Phillips@tedturner.com>
Ron Sutherland <ron@wildlandsnetwork.org>, "Jones, Marshall" <JonesMP@si.edu>, Ben Prater <bprater@defenders.org>, "Benjamin, Pete" <pete_benjamin@fws.gov>, "Bridgett M. vonHoldt" <vonholdt@princeton.edu>, "Bruskotter, Jeremy" <bruskotter.9@osu.edu>, Craig Standridge <Craig.Standridge@pdza.org>, Cristina Eisenberg <ceisenberg@earthwatch.org>, "cslaporte@gmail.com" <cslaporte@gmail.com>, "Davis, Jennifer" <DavisJe@si.edu>, "Dodge, Molly" <DodgeM@si.edu>, "Gompper, Matthew E." <gompper@missouri.edu>, Jacqueline Weeks <jweeks@conservationcenters.org>, Jennie Miller <JMiller@defenders.org>, "Johnson, Amy E." <JohnsonAE@si.edu>, "Johnson, Cole" <JohnsonC@si.edu>, Karen Wolf <Karen.Wolf@pdza.org>, Katy Palfrey <kpalfrey@conservationcenters.org>, Kayla Ripple <kripple@aza.org>, Kim Wheeler <kwheeler@redwolves.com>, "Koepfli, Klaus-Peter" <KoepfliK@si.edu>, Kristin Brzeski <kbrzeski@mtu.edu>, "Lasher, Chris" <chris.lasher@nczoo.org>, Lisa Faust <LFaust@lpzoo.org>, Lisa Volgenau <lisa@volgenaufoundation.org>, LPF Office <mike@libertyprairie.org>, "Madison, Joseph" <joseph_madison@fws.gov>, Michael J Chamberlain <mchamberlain@warnell.uga.edu>, Michael Morse <michael_l_morse@fws.gov>, "Monfort, Steven" <monforts@si.edu>, Phil Miller <pmiller@cpsg.org>, "Pitt, William" <PittW@si.edu>, Regina Mossotti <rmossotti@endangeredwolfcenter.org>, Roland Kays <rwkays@ncsu.edu>, sacharuna <sacharuna@pfchq.com>, "Serenari, Christopher" <c_s754@txstate.edu>, Shelly Grow <SGrow@aza.org>, "Songer, Melissa" <SongerM@si.edu>, "solson@aza.org" <solson@aza.org>, Thomas Risch <trisch@astate.edu>, "Toivonen, Lauren . (MU-Student)" <lkt895@mail.missouri.edu>, "Weller, Emily" <emily_weller@fws.gov>, "Wildt, David" <WildtD@si.edu>, Will Waddell <firthoclyde53@gmail.com>
CC:
Subject: RE: [EXTERNAL] RE: new publications
Attachments: 2526_carnivore conservation needs evidence based livestock protection.pdf

So excited to see the discussion.

Attach is another paper that just come out and I think, is relevant to red wolf conservation. Jennifer Miller is a co-author in this paper.

From: Leopoldo Miranda <leopoldo_miranda@fws.gov>

Sent: Wednesday, September 19, 2018 6:51 PM

To: Mike Phillips (TESF-Bozeman) <Mike.Phillips@tedturner.com>

Cc: Ron Sutherland <ron@wildlandsnetwork.org>; Jones, Marshall <JonesMP@si.edu>; Songsasen, Nucharin <SongsasenN@si.edu>; Ben Prater <bprater@defenders.org>; Benjamin, Pete <pete_benjamin@fws.gov>; Bridgett M. vonHoldt <vonholdt@princeton.edu>; Bruskotter, Jeremy <bruskotter.9@osu.edu>; Craig Standridge <Craig.Standridge@pdza.org>; Cristina Eisenberg <ceisenberg@earthwatch.org>; cslaporte@gmail.com; Davis, Jennifer <DavisJe@si.edu>; Dodge, Molly <DodgeM@si.edu>; Gompper, Matthew E. <gompper@missouri.edu>; Jacqueline Weeks <jweeks@conservationcenters.org>; Jennie Miller <JMiller@defenders.org>; Johnson, Amy E. <JohnsonAE@si.edu>; Johnson, Cole <JohnsonC@si.edu>; Karen Wolf <Karen.Wolf@pdza.org>; Katy Palfrey <kpalfrey@conservationcenters.org>; Kayla Ripple <kripple@aza.org>; Kim Wheeler <kwheeler@redwolves.com>; Koepfli, Klaus-Peter <KoepfliK@si.edu>; Kristin Brzeski <kbrzeski@mtu.edu>; Lasher, Chris <chris.lasher@nczoo.org>; Lisa Faust <LFaust@lpzoo.org>; Lisa Volgenau <lisa@volgenaufoundation.org>; LPF Office <mike@libertyprairie.org>; Madison, Joseph <joseph_madison@fws.gov>; Michael J Chamberlain <mchamberlain@warnell.uga.edu>; Michael Morse <michael_l_morse@fws.gov>; Monfort, Steven <monforts@si.edu>; Phil Miller <pmiller@cpsg.org>; Pitt, William <PittW@si.edu>; Regina Mossotti <rmossotti@endangeredwolfcenter.org>; Roland Kays <rwkays@ncsu.edu>; sacharuna <sacharuna@pfchq.com>; Serenari, Christopher <c_s754@txstate.edu>; Shelly Grow <SGrow@aza.org>; Songer, Melissa <SongerM@si.edu>; solson@aza.org; Thomas Risch <trisch@astate.edu>; Toivonen, Lauren . (MU-Student) <lkt895@mail.missouri.edu>; Weller, Emily <emily_weller@fws.gov>; Wildt, David <WildtD@si.edu>; Will Waddell <firhoclyde53@gmail.com>

Subject: Re: [EXTERNAL] RE: new publications

Ha! Just re read my own email and saw a typo when I referenced Ron's comments. It should have read "as Ron mentions"

Sorry Ron!!! :-)

Leo

Leopoldo Miranda
US Fish and Wildlife Service
Assistant Regional Director - ES
Southeast US, Puerto Rico &
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On Sep 19, 2018, at 6:15 PM, Leopoldo Miranda <leopoldo_miranda@fws.gov> wrote:

All,

We are very excited about this new research released by partners. It is enhancing our knowledge on red wolf ecology. As new research like the two mentioned in this email chain is developed, we will take steps to reconsider assumptions as appropriate in terms of science we know is rapidly evolving. For example, we believed red wolves were extinct in the wild by 1980, and today, let me Ron mentions below, new data suggests naturally occurring red wolves may occur on the landscape with no management. It's important to say here that no conclusions can be drawn from these new data in terms of the implications to conservation. Further research is needed to confirm the presence of a naturally occurring red wolf population. I'm looking forward to keep the conversation going and for your continued support in red wolf conservation.

As one of my colleagues said to me earlier today "Our natural world is a surprising and complex place"!

Leo

Leopoldo Miranda
US Fish and Wildlife Service
Assistant Regional Director - ES
Southeast US, Puerto Rico &
US Virgin Islands

Sent from my iPhone

NOTE: This email correspondence and any attachments to and from this sender is subject to the Freedom of Information Act (FOIA) and may be disclosed to third parties.

On Sep 19, 2018, at 1:24 PM, Mike Phillips (TESF-Bozeman)
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Sent: Wednesday, September 19, 2018 11:13 AM
To: Jones, Marshall <JonesMP@si.edu>; Songsasen, Nucharin <SongsasenN@si.edu>; Ben Prater <bprater@defenders.org>; Benjamin, Pete <pete_benjamin@fws.gov>; Bridgett M. vonHoldt <vonholdt@Princeton.EDU>; Bruskotter, Jeremy <bruskotter.9@osu.edu>; Craig Standridge <Craig.Standridge@pdza.org>; Cristina Eisenberg <ceisenberg@earthwatch.org>; cslaporte@gmail.com; Davis, Jennifer <DavisJe@si.edu>; Dodge, Molly <DodgeM@si.edu>; Gompper, Matthew E. <gompper@missouri.edu>; Jacqueline Weeks <jweeks@conservationcenters.org>; Jennie Miller <JMiller@defenders.org>; Johnson, Amy E. <JohnsonAE@si.edu>; Johnson, Cole <JohnsonC@si.edu>; Karen Wolf <Karen.Wolf@pdza.org>; Katy Palfrey <kpalfrey@conservationcenters.org>; Kayla Ripple <kripple@AZA.org>; Kim Wheeler <kwheeler@redwolves.com>; Koepfli, Klaus-Peter <KoepfliK@si.edu>; Kristin Brzeski <kbrzeski@mtu.edu>; Lasher, Chris <chris.lasher@nczoo.org>; Lisa Faust <LFaust@lpzoo.org>; Lisa Volgenau <lisa@volgenaufoundation.org>; LPF Office <mike@libertyprairie.org>; Madison, Joseph <joseph_madison@fws.gov>; Michael J Chamberlain <mchamberlain@warnell.uga.edu>; Michael Morse <michael_l_morse@fws.gov>; Mike Phillips (TESF-Bozeman) <Mike.Phillips@tedturner.com>; Miranda, Leopoldo <leopoldo_miranda@fws.gov>; Monfort, Steven <monforts@si.edu>; Phil Miller <pmiller@cpsg.org>; Pitt, William <PittW@si.edu>; Regina Mossotti

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"Morse, Michael" <michael_l_morse@fws.gov>

From: "Morse, Michael" <michael_l_morse@fws.gov>
Sent: Thu Sep 20 2018 08:32:15 GMT-0600 (MDT)
To: "Mike Phillips (TESF-Bozeman)" <Mike.Phillips@tedturner.com>
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Sent: Thu Sep 20 2018 15:12:10 GMT-0600 (MDT)
To: "Morse, Michael" <michael_l_morse@fws.gov>
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To: Ben Prater <bprater@defenders.org>; Benjamin, Pete <pete_benjamin@fws.gov>; Bridgett M. vonHoldt <vonholdt@Princeton.EDU>; Bruskotter, Jeremy <bruskotter.9@osu.edu>; Craig Standridge <Craig.Standridge@pdza.org>; Cristina Eisenberg <ceisenberg@earthwatch.org>; cslaporte@gmail.com; Davis, Jennifer <DavisJe@si.edu>; Dodge, Molly <DodgeM@si.edu>; Gompper, Matthew E. <gompper@missouri.edu>; Jacqueline Weeks <jweeks@conservationcenters.org>; Jennie Miller <JMiller@defenders.org>; Johnson, Amy E. <JohnsonAE@si.edu>; Johnson, Cole <JohnsonC@si.edu>; Jones, Marshall <JonesMP@si.edu>; Karen Wolf <Karen.Wolf@pdza.org>; Katy Palfrey <kpalfrey@conservationcenters.org>; Kayla Ripple <kripple@AZA.org>; Kim Wheeler <kwheeler@redwolves.com>; Koepfli, Klaus-Peter <KoepfliK@si.edu>; Kristin Brzeski <kbrzeski@mtu.edu>; Lasher, Chris <chris.lasher@nczoo.org>; Lisa Faust <LFaust@lpzoo.org>; Lisa Volgenau <lisa@volgenaufoundation.org>; LPF Office <mike@libertyprairie.org>; Madison, Joseph <joseph_madison@fws.gov>; Michael J Chamberlain <mchamberlain@warnell.uga.edu>; Michael Morse <michael_l_morse@fws.gov>; Mike Phillips (TESF-Bozeman) <Mike.Phillips@tedturner.com>; Miranda, Leopoldo <leopoldo_miranda@fws.gov>; Monfort, Steven <monforts@si.edu>; Phil Miller <pmiller@cpsg.org>; Pitt, William <PittW@si.edu>; Regina Mossotti <rmossotti@endangeredwolfcenter.org>; Roland Kays <rwkays@ncsu.edu>; Ron Sutherland <ron@wildlandsnetwork.org>; sacharuna <sacharuna@pfchq.com>; Serenari, Christopher <c_s754@txstate.edu>; Shelly Grow <SGrow@AZA.org>; Songer, Melissa <SongerM@si.edu>; Steve Olson <SOlson@AZA.org>; Thomas Risch <trisch@astate.edu>; Toivonen, Lauren . (MU-Student) <lkt895@mail.missouri.edu>; Weller, Emily <emily_weller@fws.gov>; Wildt, David <WildtD@si.edu>; Will Waddell <firthoclyde53@gmail.com>
Subject: new publications

Ground breaking research!

Rediscovery of red wolf ghost alleles in a canid population along the American Gulf Coast

<https://www.biorxiv.org/content/early/2018/09/18/420356>

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Thomas Risch <trisch@astate.edu>

From: Thomas Risch <trisch@astate.edu>
Sent: Mon Sep 24 2018 16:45:16 GMT-0600 (MDT)
"Johnson, Cole" <JohnsonC@si.edu>, "Mike Phillips (TESF-Bozeman)" <Mike.Phillips@tedturner.com>, Ron Sutherland <ron@wildlandsnetwork.org>, "Jones, Marshall" <JonesMP@si.edu>, "Songsasen, Nucharin" <SongsasenN@si.edu>, Ben Prater <bprater@defenders.org>, "Benjamin, Pete" <pete_benjamin@fws.gov>, "Bridgett M. vonHoldt" <vonholdt@princeton.edu>, "Bruskotter, Jeremy" <bruskotter.9@osu.edu>, Craig Standridge <Craig.Standridge@pdza.org>, Cristina Eisenberg <ceisenberg@earthwatch.org>, "cslaporte@gmail.com" <cslaporte@gmail.com>, "Davis, Jennifer" <DavisJe@si.edu>, "Dodge, Molly" <DodgeM@si.edu>, "Gompper, Matthew E." <gompper@missouri.edu>, Jacqueline Weeks <jweeks@conservationcenters.org>, Jennie Miller <JMiller@defenders.org>, "Johnson, Amy E." <JohnsonAE@si.edu>, Karen Wolf <Karen.Wolf@pdza.org>, Katy Palfrey <kpalfrey@conservationcenters.org>, Kayla Ripple <kripple@aza.org>, Kim Wheeler <kwheeler@redwolves.com>, "Koepfli, Klaus-Peter" <KoepfliK@si.edu>, Kristin Brzeski <kbrzeski@mtu.edu>, "Lasher, Chris" <chris.lasher@nczoo.org>, Lisa Faust <LFaust@lpzoo.org>, Lisa Volgenau <lisa@volgenaufoundation.org>, LPF Office <mike@libertyprairie.org>, "Madison, Joseph" <joseph_madison@fws.gov>, Michael J Chamberlain <mchamberlain@warnell.uga.edu>, Michael Morse <michael_l_morse@fws.gov>, "Miranda, Leopoldo" <leopoldo_miranda@fws.gov>, "Monfort, Steven" <monforts@si.edu>, Phil Miller <pmiller@cpsg.org>, "Pitt, William" <PittW@si.edu>, Regina Mossotti <rmossotti@endangeredwolfcenter.org>, Roland Kays <rwkays@ncsu.edu>, sacharuna <sacharuna@pfchq.com>, "Serenari, Christopher" <c_s754@txstate.edu>, Shelly Grow

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Subject: [EXTERNAL] RE: new publications

Folks,

I might be able to pull the funding together from Arkansas State University that would focus on collecting samples and subsequent the genetic analyses that would focus Sabine National Wildlife Refuge and other promising areas to identify potential areas for future trapping efforts. If so, could we count on some support from this team in identifying the areas and perhaps with on the ground logistics? We have a student from the endangered wolf center that is qualified and interested in a red wolf project at A-State. I could likely support such a project for three years, 25K, 50K, and 25K for a total of 100K.

Please share your thoughts on this.

Thanks in advance.
Tom

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Subject: RE: new publications

This would be a cool project to get funded!

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Subject: RE: new publications

Folks,

FYI, in 1988 I led an effort to trap canids in the Sabine National Wildlife Refuge in hopes of catching new founders for the red wolf breeding program.

Mike Morse accompanied me to the refuge and we logged several days of good trapping. We caught two animals that appeared to be big coyotes or red wolf/coyote hybrids. Neither was placed in captivity and I don't recall any samples being subjected to genetic analysis, in part because available techniques were very different from those available today.

It would be very easy to conduct a new reconnaissance if it was believed that enough good could come from another round of trapping to offset the negative consequences related to harassing the trapped animals.

I recall that years ago Dave Mech got involved with an effort to track down canids (in Louisiana or Mississippi) that looked a lot like red wolves. I don't think anything came of the effort, but Dave would know the full story.

Mike

From: Ron Sutherland <ron@wildlandsnetwork.org>

Sent: Wednesday, September 19, 2018 11:13 AM

To: Jones, Marshall <JonesMP@si.edu>; Songsasen, Nucharin <SongsasenN@si.edu>; Ben Prater <bprater@defenders.org>; Benjamin, Pete <pete_benjamin@fws.gov>; Bridgett M. vonHoldt <vonholdt@Princeton.EDU>; Bruskotter, Jeremy <bruskotter.9@osu.edu>; Craig Standridge <Craig.Standridge@pdza.org>; Cristina Eisenberg <ceisenberg@earthwatch.org>; cslaporte@gmail.com; Davis, Jennifer <DavisJe@si.edu>; Dodge, Molly <DodgeM@si.edu>; Gompper, Matthew E. <gompper@missouri.edu>; Jacqueline Weeks <jweeks@conservationcenters.org>; Jennie Miller <JMiller@defenders.org>; Johnson, Amy E. <JohnsonAE@si.edu>; Johnson, Cole <JohnsonC@si.edu>; Karen Wolf <Karen.Wolf@pdza.org>; Katy Palfrey <kpalfrey@conservationcenters.org>; Kayla Ripple <kripple@AZA.org>; Kim Wheeler <kwheeler@redwolves.com>; Koepfli, Klaus-Peter <KoepfliK@si.edu>; Kristin Brzeski <kbrzeski@mtu.edu>; Lasher, Chris <chris.lasher@nczoo.org>; Lisa Faust <LFaust@lpzoo.org>; Lisa Volgenau <lisa@volgenaufoundation.org>; LPF Office <mike@libertyprairie.org>; Madison, Joseph <joseph_madison@fws.gov>; Michael J Chamberlain <mchamberlain@warnell.uga.edu>; Michael Morse <michael_l_morse@fws.gov>; Mike Phillips (TESF-Bozeman) <Mike.Phillips@tedturner.com>; Miranda, Leopoldo <leopoldo_miranda@fws.gov>; Monfort, Steven <monforts@si.edu>; Phil Miller <pmliller@cpsg.org>; Pitt, William <PittW@si.edu>; Regina Mossotti <rmossotti@endangeredwolfcenter.org>; Roland Kays <rwkays@ncsu.edu>; sacharuna

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Subject: Re: new publications

Yes, I assume this is the same as what you are talking about Marshall: Dr. Lisette Waits presented some of her new Louisiana research to the NAS red wolf/mexican gray wolf taxonomy panel last Thursday: <http://nas-sites.org/dels/studies/wolf-taxonomy-study/meeting-1/>

They are finding abundant evidence of red wolf DNA in those LA animals as well, including one individual that appeared to potentially qualify as a full-on red wolf!

I'd be very interested to hear from USFWS what the implications of these studies will be for red wolf conservation in the field? To me, there seems to be a growing body of evidence that 1. not all the Gulf Coast red wolves were captured in the 1970's, and 2. the remaining wolves (or at least their DNA) have persisted and prospered for 40 years despite minimal management or protections by humans.

Ron

On 9/19/2018 12:51 PM, Jones, Marshall wrote:

Yes it is Nuch! I've also heard that there may be something similar in extant Canid populations in western Louisiana (Sabine National Wildlife Refuge and adjacent areas) though they would not be as geographically distinct as Canids on Galveston Island. I'd be interested if anyone has information about this?

Marshall

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Subject: new publications

Ground breaking research!

Rediscovery of red wolf ghost alleles in a canid population along the American Gulf Coast

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"Bridgett M. vonHoldt" <vonholdt@princeton.edu>

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Sent: Mon Sep 24 2018 17:57:17 GMT-0600 (MDT)
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Subject: [EXTERNAL] Re: new publications

Hi all,

This has been a very interesting thread and I really am energized by the conversation! Since there are many people involved, I would like to make a few comments about the genetic analyses that seem to be stimulated from a preprint by my group (also coauthored by Kristin Brzeski, cc).

It is great that there is an effort to discuss samples, both past and future. There are some biases or caveats that should be clear when planning. I direct a large team of collaborators from various institutions on the genomic analysis of North American canids (see <http://canineancestry.princeton.edu>). We have genotyped over 2200 canids (including domestic dogs) from across the continent. We have developed a specific method. I strongly believe that canid conservation genetics would benefit from consistently in any future genetic collection efforts. I am currently dealing with this issue right now with gray wolf genetics. I have replaced an old dataset of 26 microsatellites now with genome SNP data on a pedigree population of >400 gray wolves. Yet some agencies are arguing to continue to collect their own independent dataset (they are digging their own hole as to have no ability to compare their dataset with any other North American canid out there). To help prevent this from happening, I would be more than happy to discuss collaborations and cost sharing for anyone who wants to send samples to me to be genotyped (sending students to learn/conduct the lab work is highly encouraged as well). In the end, this would produce an incredibly consistent effort. Each and every sample would benefit from being apart of an unprecedented reference panel of canids. If the community choses to move forward with microsatellites, I do encourage some major words of caution for interpreting species assignments and ancestry proportions. This data type highly limits the ability for results to be interpreted in the same ballpark as genomic estimates.

Finally, I am involved in a variety of canid genetic projects, with a number of them that focus on conservation efforts. Kristin Brzeski (my former post-doc and now faculty at Michigan Tech) is leading an extensive genetic survey of red wolves, with funding support provided by PDZA. My group also has an extensive genetic survey of coyotes, with a particular focus on coyotes in the southeastern and northeastern regions. I am very open to collaborations and work really hard to be productive and transparent. I would welcome a conversation should anyone want to join forces and explore canid genomics with me.

Best-
Bridgett

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On Sep 24, 2018, at 6:45 PM, Thomas Risch <trisch@astate.edu> wrote:

Folks,

I might be able to pull the funding together from Arkansas State University that would focus on collecting samples and subsequent the genetic analyses that would focus Sabine National Wildlife Refuge and other promising areas to identify potential areas for future trapping efforts. If so, could we count on some support from this team in identifying the areas and perhaps with on the ground logistics? We have a student from the endangered wolf center that is qualified and interested in a red wolf project at A-State. I could likely support such a project for three years, 25K, 50K, and 25K for a total of 100K.

Please share your thoughts on this.

Thanks in advance.

Tom

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To: Ron Sutherland <ron@wildlandsnetwork.org>; Jones, Marshall <JonesMP@si.edu>; Songsasen, Nucharin <SongsasenN@si.edu>; Ben Prater <bprater@defenders.org>; Benjamin, Pete <pete_benjamin@fws.gov>; Bridgett M. vonHoldt <vonholdt@Princeton.EDU>; Bruskotter, Jeremy <bruskotter.9@osu.edu>; Craig Standridge <Craig.Standridge@pdza.org>; Cristina Eisenberg <ceisenberg@earthwatch.org>; cslaporte@gmail.com; Davis, Jennifer <DavisJe@si.edu>; Dodge, Molly <DodgeM@si.edu>; Gompper, Matthew E. <gompper@missouri.edu>; Jacqueline Weeks <jweeks@conservationcenters.org>; Jennie Miller <JMiller@defenders.org>; Johnson, Amy E. <JohnsonAE@si.edu>; Johnson, Cole <JohnsonC@si.edu>; Karen Wolf <Karen.Wolf@pdza.org>; Katy Palfrey <kpalfrey@conservationcenters.org>; Kayla Ripple <kripple@AZA.org>; Kim Wheeler <kwheeler@redwolves.com>; Koepfli, Klaus-Peter <KoepfliK@si.edu>; Kristin Brzeski <kbrzeski@mtu.edu>; Lasher, Chris <chris.lasher@nczoo.org>; Lisa Faust <LFaust@lpzoo.org>; Lisa Volgenau <lisa@volgenaufoundation.org>; LPF Office <mike@libertyprairie.org>; Madison, Joseph <joseph_madison@fws.gov>; Michael J Chamberlain <mchamberlain@warnell.uga.edu>; Michael Morse <michael_l_morse@fws.gov>; Miranda, Leopoldo <leopoldo_miranda@fws.gov>; Monfort, Steven <monforts@si.edu>; Phil Miller <pmiller@cpsg.org>; Pitt, William <PittW@si.edu>; Regina Mossotti <rmossotti@endangeredwolfcenter.org>; Roland Kays <rwkays@ncsu.edu>; sacharuna <sacharuna@pfchq.com>; Serenari, Christopher <c_s754@txstate.edu>; Shelly Grow <SGrow@AZA.org>; Songer, Melissa <SongerM@si.edu>; solson@aza.org; Thomas Risch <trisch@astate.edu>; Toivonen, Lauren . (MU-Student) <lkt895@mail.missouri.edu>; Weller, Emily <emily_weller@fws.gov>; Wildt, David <WildtD@si.edu>; Will Waddell <firthoclyde53@gmail.com>
Subject: RE: new publications

Folks,

FYI, in 1988 I led an effort to trap canids in the Sabine National Wildlife Refuge in hopes of catching new founders for the red wolf breeding program.

Mike Morse accompanied me to the refuge and we logged several days of good trapping. We caught two animals that appeared to be big coyotes or red wolf/coyote hybrids. Neither was placed in captivity and I don't recall any samples being subjected to genetic analysis, in part because available techniques were very different from those available today.

It would be very easy to conduct a new reconnaissance if it was believed that enough good could come from another round of trapping to offset the negative consequences related to harassing the trapped animals.

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Yes, I assume this is the same as what you are talking about Marshall: Dr. Lisette Waits presented some of her new Louisiana research to the NAS red wolf/mexican gray wolf taxonomy panel last Thursday: <http://nas-sites.org/dels/studies/wolf-taxonomy-study/meeting-1/>

They are finding abundant evidence of red wolf DNA in those LA animals as well, including one individual that appeared to potentially qualify as a full-on red wolf!

I'd be very interested to hear from USFWS what the implications of these studies will be for red wolf conservation in the field? To me, there seems to be a growing body of evidence that 1. not all the Gulf Coast red wolves were captured in the 1970's, and 2. the remaining wolves (or at least their DNA) have persisted and prospered for 40 years despite minimal management or protections by humans.

Ron

On 9/19/2018 12:51 PM, Jones, Marshall wrote:

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Marshall

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Subject: new publications

Ground breaking research!

Rediscovery of red wolf ghost alleles in a canid population along the American Gulf Coast

<https://www.biorxiv.org/content/early/2018/09/18/420356>

--

Ron Sutherland, Ph.D.

Conservation Scientist

Wildlands Network

919-641-0060 cell

www.flickr.com/photos/redwolfreality/albums

www.wildlandsnetwork.org

"Mike Phillips (TESF-Bozeman)" <Mike.Phillips@tedturner.com>

From: "Mike Phillips (TESF-Bozeman)" <Mike.Phillips@tedturner.com>
Sent: Tue Sep 25 2018 07:59:11 GMT-0600 (MDT)
To: "Bridgett M. vonHoldt" <vonholdt@princeton.edu>
Thomas Risch <trisch@astate.edu>, "Johnson, Cole" <JohnsonC@si.edu>, Ron Sutherland <ron@wildlandsnetwork.org>, "Jones, Marshall" <JonesMP@si.edu>, "Songsasen, Nucharin" <SongsasenN@si.edu>, Ben Prater <bprater@defenders.org>, "Benjamin, Pete" <pete_benjamin@fws.gov>, "Bruskotter, Jeremy" <bruskotter.9@osu.edu>, Craig Standridge <Craig.Standridge@pdza.org>, Cristina Eisenberg <ceisenberg@earthwatch.org>, "cslaporte@gmail.com" <cslaporte@gmail.com>, "Davis, Jennifer" <DavisJe@si.edu>, "Dodge, Molly" <DodgeM@si.edu>, "Gompper, Matthew E."

CC:

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Subject:

[EXTERNAL] Re: new publications

Thanks, Bridgett, for the very useful note.

Can you take a call to discuss a specific aspect of red wolf genetics that intrigues me?

Mike

Sent from my iPhone

On Sep 24, 2018, at 5:57 PM, Bridgett M. vonHoldt <vonholdt@Princeton.EDU> wrote:

Hi all,

This has been a very interesting thread and I really am energized by the conversation! Since there are many people involved, I would like to make a few comments about the genetic analyses that seem to be stimulated from a preprint by my group (also coauthored by Kristin Brzeski, cc).

It is great that there is an effort to discuss samples, both past and future. There are some biases or caveats that should be clear when planning. I direct a large team of collaborators from various institutions on the genomic analysis of North American canids (see <http://canineancestry.princeton.edu>). We have genotyped over 2200 canids (including domestic dogs) from across the continent. We have developed a specific method. I strongly believe that canid conservation genetics would benefit from consistently in any future genetic collection efforts. I am currently dealing with this issue right now with gray wolf genetics. I have replaced an old dataset of 26 microsatellites now with genome SNP data on a pedigree population of >400 gray wolves. Yet some agencies are arguing to continue to collect their own independent dataset (they are digging their own hole as to have no ability to compare their

dataset with any other North American canid out there). To help prevent this from happening, I would be more than happy to discuss collaborations and cost sharing for anyone who wants to send samples to me to be genotyped (sending students to learn/conduct the lab work is highly encouraged as well). In the end, this would produce an incredibly consistent effort. Each and every sample would benefit from being apart of an unprecedented reference panel of canids. If the community choses to move forward with microsatellites, I do encourage some major words of caution for interpreting species assignments and ancestry proportions. This data type highly limits the ability for results to be interpreted in the same ballpark as genomic estimates.

Finally, I am involved in a variety of canid genetic projects, with a number of them that focus on conservation efforts. Kristin Brzeski (my former post-doc and now faculty at Michigan Tech) is leading an extensive genetic survey of red wolves, with funding support provided by PDZA. My group also has an extensive genetic survey of coyotes, with a particular focus on coyotes in the southeastern and northeastern regions. I am very open to collaborations and work really hard to be productive and transparent. I would welcome a conversation should anyone want to join forces and explore canid genomics with me.

Best-
Bridgett

Bridgett vonHoldt
Assistant Professor
Princeton University
Ecology & Evolutionary Biology
106A Guyot Hall
Princeton, NJ 08544-2016
Office: 609-258-7021
vonholdt@princeton.edu
<http://vonholdt.princeton.edu>
<http://canineancestry.princeton.edu>

On Sep 24, 2018, at 6:45 PM, Thomas Risch <trisch@astate.edu> wrote:

Folks,

I might be able to pull the funding together from Arkansas State University that would focus on collecting samples and subsequent the genetic analyses that would focus Sabine National Wildlife Refuge and other promising areas to identify potential areas for future trapping efforts. If so, could we count on some support from this team in identifying the areas and perhaps with on the ground logistics? We have a student from the endangered wolf center that is qualified and interested in a red wolf project at A-State. I could likely support such a project for three years, 25K, 50K, and 25K for a total of 100K.

Please share your thoughts on this.

Thanks in advance.
Tom

Thomas S. Risch, Ph.D.
Interim Associate Vice Chancellor of Research
870-972-2694

Interim Executive Director of Arkansas Biosciences Institute
Arkansas State University
Phone: 870-972-2025
Fax: 870-972-2026
Postal Address:
P.O. Box 639
State University, AR 72467

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This would be a cool project to get funded!

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Ground breaking research!

Rediscovery of red wolf ghost alleles in a canid population along the American Gulf Coast

<https://www.biorxiv.org/content/early/2018/09/18/420356>

--

Ron Sutherland, Ph.D.

Conservation Scientist

Wildlands Network

919-641-0060 cell

www.flickr.com/photos/redwolfreality/albums

www.wildlandsnetwork.org

"Bridgett M. vonHoldt" <vonholdt@princeton.edu>

From: "Bridgett M. vonHoldt" <vonholdt@princeton.edu>
Sent: Tue Sep 25 2018 09:06:43 GMT-0600 (MDT)
To: "Mike Phillips (TESF-Bozeman)" <Mike.Phillips@tedturner.com>
Thomas Risch <trisch@astate.edu>, "Johnson, Cole" <JohnsonC@si.edu>, Ron Sutherland <ron@wildlandsnetwork.org>, "Jones, Marshall" <JonesMP@si.edu>, "Songsasen, Nucharin" <SongsasenN@si.edu>, Ben Prater <bprater@defenders.org>, "Benjamin, Pete" <pete_benjamin@fws.gov>, "Bruskotter, Jeremy" <bruskotter.9@osu.edu>, Craig Standridge <Craig.Standridge@pdza.org>, Cristina Eisenberg <ceisenberg@earthwatch.org>, "cslaporte@gmail.com" <cslaporte@gmail.com>, "Davis, Jennifer" <DavisJe@si.edu>, "Dodge, Molly" <DodgeM@si.edu>, "Gompper, Matthew E."

CC:

<gompperm@missouri.edu>, Jacqueline Weeks
<jweeks@conservationcenters.org>, Jennie Miller
<JMiller@defenders.org>, "Johnson, Amy E."
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Subject:

[EXTERNAL] Re: new publications

I'd be happy to! I'm teaching this semester (Mon/Wed) with Fridays often quite booked but I'm sure we could find a time that works well for those interested.

Bridgett

On Sep 25, 2018, at 9:59 AM, Mike Phillips (TESF-Bozeman) <Mike.Phillips@tedturner.com> wrote:

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Can you take a call to discuss a specific aspect of red wolf genetics that intrigues me?

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Sent from my iPhone

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Hi all,

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Finally, I am involved in a variety of canid genetic projects, with a number of them that focus on conservation efforts. Kristin Brzeski (my former post-doc and now faculty at Michigan Tech) is leading an extensive genetic survey of red wolves, with funding support provided by PDZA. My group also has an extensive genetic survey of coyotes, with a particular focus on coyotes in the southeastern and northeastern regions. I am very open to collaborations and work really hard to be productive and transparent. I would welcome a conversation should anyone want to join forces and explore canid genomics with me.

Best-
Bridgett

Bridgett vonHoldt
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On Sep 24, 2018, at 6:45 PM, Thomas Risch
<trisch@astate.edu> wrote:

Folks,

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Please share your thoughts on this.

Thanks in advance.

Tom

Thomas S. Risch, Ph.D.
Interim Associate Vice Chancellor of Research
870-972-2694

Interim Executive Director of Arkansas Biosciences Institute
Arkansas State University
Phone: 870-972-2025
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Postal Address:
P.O. Box 639
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From: Johnson, Cole <JohnsonC@si.edu>
Sent: Wednesday, September 19, 2018 9:31 PM
To: Mike Phillips (TESF-Bozeman) <Mike.Phillips@tedturner.com>; Ron Sutherland <ron@wildlandsnetwork.org>; Jones, Marshall <JonesMP@si.edu>; Songsasen, Nucharin <SongsasenN@si.edu>; Ben Prater <bprater@defenders.org>; Benjamin, Pete <pete_benjamin@fws.gov>; Bridgett M. vonHoldt <vonholdt@Princeton.EDU>; Bruskotter, Jeremy <bruskotter.9@osu.edu>; Craig Standridge <Craig.Standridge@pdza.org>; Cristina Eisenberg <ceisenberg@earthwatch.org>; cslaporte@gmail.com; Davis, Jennifer <DavisJe@si.edu>; Dodge, Molly <DodgeM@si.edu>; Gompper, Matthew E. <gompper@missouri.edu>; Jacqueline Weeks <jweeks@conservationcenters.org>; Jennie Miller <JMiller@defenders.org>; Johnson, Amy E. <JohnsonAE@si.edu>; Karen Wolf <Karen.Wolf@pdza.org>; Katy Palfrey <kpalfrey@conservationcenters.org>; Kayla Ripple <kripple@AZA.org>; Kim Wheeler <kwheeler@redwolves.com>; Koepfli, Klaus-Peter <KoepfliK@si.edu>; Kristin Brzeski <kbrzeski@mtu.edu>; Lasher, Chris <chris.lasher@nczoo.org>; Lisa Faust <LFaust@lpzoo.org>; Lisa Volgenau <lisa@volgenaufoundation.org>; LPF Office <mike@libertyprairie.org>; Madison, Joseph <joseph_madison@fws.gov>; Michael J Chamberlain <mchamberlain@warnell.uga.edu>; Michael Morse <michael_l_morse@fws.gov>; Miranda, Leopoldo <leopoldo_miranda@fws.gov>; Monfort, Steven <monforts@si.edu>; Phil Miller <pmiller@cpsg.org>; Pitt, William <PittW@si.edu>; Regina Mossotti <rmossotti@endangeredwolfcenter.org>; Roland Kays <rwkays@ncsu.edu>; sacharuna <sacharuna@pfchq.com>; Serenari, Christopher <c_s754@txstate.edu>; Shelly Grow <SGrow@AZA.org>; Songer, Melissa <SongerM@si.edu>; solson@aza.org; Thomas Risch <trisch@astate.edu>; Toivonen, Lauren . (MU-Student)

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Waddell <firthoclyde53@gmail.com>

Subject: RE: new publications

This would be a cool project to get funded!

From: Mike Phillips (TESF-Bozeman)

<Mike.Phillips@tedturner.com>

Sent: Wednesday, September 19, 2018 1:24 PM

To: Ron Sutherland <ron@wildlandsnetwork.org>; Jones, Marshall
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Subject: RE: new publications

Folks,

FYI, in 1988 I led an effort to trap canids in the Sabine National
Wildlife Refuge in hopes of catching new founders for the red wolf
breeding program.

Mike Morse accompanied me to the refuge and we logged several
days of good trapping. We caught two animals that appeared to be
big coyotes or red wolf/coyote hybrids. Neither was placed in
captivity and I don't recall any samples being subjected to genetic
analysis, in part because available techniques were very different
from those available today.

It would be very easy to conduct a new reconnaissance if it was
believed that enough good could come from another round of

trapping to offset the negative consequences related to harassing the trapped animals.

I recall that years ago Dave Mech got involved with an effort to track down canids (in Louisiana or Mississippi) that looked a lot like red wolves. I don't think anything came of the effort, but Dave would know the full story.

Mike

From: Ron Sutherland <ron@wildlandsnetwork.org>
Sent: Wednesday, September 19, 2018 11:13 AM
To: Jones, Marshall <JonesMP@si.edu>; Songsasen, Nucharin <SongsasenN@si.edu>; Ben Prater <bprater@defenders.org>; Benjamin, Pete <pete_benjamin@fws.gov>; Bridgett M. vonHoldt <vonholdt@Princeton.EDU>; Bruskotter, Jeremy <bruskotter.9@osu.edu>; Craig Standridge <Craig.Standridge@pdza.org>; Cristina Eisenberg <ceisenberg@earthwatch.org>; cslaporte@gmail.com; Davis, Jennifer <DavisJe@si.edu>; Dodge, Molly <DodgeM@si.edu>; Gompper, Matthew E. <gompper@missouri.edu>; Jacqueline Weeks <jweeks@conservationcenters.org>; Jennie Miller <JMiller@defenders.org>; Johnson, Amy E. <JohnsonAE@si.edu>; Johnson, Cole <JohnsonC@si.edu>; Karen Wolf <Karen.Wolf@pdza.org>; Katy Palfrey <kpalfrey@conservationcenters.org>; Kayla Ripple <kripple@AZA.org>; Kim Wheeler <kwheeler@redwolves.com>; Koepfli, Klaus-Peter <KoepfliK@si.edu>; Kristin Brzeski <kbrzeski@mtu.edu>; Lasher, Chris <chris.lasher@nczoo.org>; Lisa Faust <LFaust@lpzoo.org>; Lisa Volgenau <lisa@volgenaufoundation.org>; LPF Office <mike@libertyprairie.org>; Madison, Joseph <joseph_madison@fws.gov>; Michael J Chamberlain <mchamberlain@warnell.uga.edu>; Michael Morse <michael_l_morse@fws.gov>; Mike Phillips (TESF-Bozeman) <Mike.Phillips@tedturner.com>; Miranda, Leopoldo <leopoldo_miranda@fws.gov>; Monfort, Steven <monforts@si.edu>; Phil Miller <pmiller@cpsg.org>; Pitt, William <PittW@si.edu>; Regina Mossotti <rmossotti@endangeredwolfcenter.org>; Roland Kays <rwkays@ncsu.edu>; sacharuna <sacharuna@pfchq.com>; Serenari, Christopher <c_s754@txstate.edu>; Shelly Grow <SGrow@AZA.org>; Songer, Melissa <SongerM@si.edu>; solson@aza.org; Thomas Risch <trisch@astate.edu>; Toivonen, Lauren . (MU-Student) <lkt895@mail.missouri.edu>; Weller, Emily <emily_weller@fws.gov>; Wildt, David <WildtD@si.edu>; Will Waddell <firthoclyde53@gmail.com>
Subject: Re: new publications

Yes, I assume this is the same as what you are talking about Marshall: Dr. Lisette Waits presented some of her new Louisiana research to the NAS red wolf/mexican gray wolf taxonomy panel last Thursday: <http://nas-sites.org/dels/studies/wolf-taxonomy-study/meeting-1/>

They are finding abundant evidence of red wolf DNA in those LA animals as well, including one individual that appeared to potentially qualify as a full-on red wolf!

I'd be very interested to hear from USFWS what the implications of these studies will be for red wolf conservation in the field? To me, there seems to be a growing body of evidence that 1. not all the

Gulf Coast red wolves were captured in the 1970's, and 2. the remaining wolves (or at least their DNA) have persisted and prospered for 40 years despite minimal management or protections by humans.

Ron

On 9/19/2018 12:51 PM, Jones, Marshall wrote:

Yes it is Nuch! I've also heard that there may be something similar in extant Canid populations in western Louisiana (Sabine National Wildlife Refuge and adjacent areas) though they would not be as geographically distinct as Canids on Galveston Island. I'd be interested if anyone has information about this?

Marshall

Marshall P Jones
Senior Conservation Advisor
Smithsonian Conservation Biology Institute
1500 Remount Rd
Front Royal, VA 22630
Tel: 540-635-6517 Mobile: 540-660-2549
jonessmp@si.edu

From: Songsasen, Nucharin
Sent: Wednesday, September 19, 2018 12:44 PM
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Jennie Miller <JMiller@defenders.org>

From: Jennie Miller <JMiller@defenders.org>
Sent: Wed Sep 26 2018 12:59:07 GMT-0600 (MDT)
To: "Bridgett M. vonHoldt" <vonholdt@princeton.edu>, "Mike Phillips (TESF-Bozeman)" <Mike.Phillips@tedturner.com>, Jacob Malcom <JMALCOM@defenders.org>
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Subject:

[EXTERNAL] RE: new publications

Looping Jacob from Defenders in here to weigh in.

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Best-
Bridgett

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I might be able to pull the funding together from Arkansas State University that would focus on collecting samples and subsequent the genetic analyses that would focus Sabine National Wildlife Refuge and other promising areas to identify potential areas for future trapping efforts. If so, could we count on some support from this team in identifying the areas and perhaps with on the ground logistics? We have a student from the endangered wolf center that is qualified and interested in a red wolf project at A-State. I could likely support such a project for three years, 25K, 50K, and 25K for a total of 100K.

Please share your thoughts on this.

Thanks in advance.
Tom

Thomas S. Risch, Ph.D.
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Postal Address:
P.O. Box 639
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From: Johnson, Cole <JohnsonC@si.edu>
Sent: Wednesday, September 19, 2018 9:31 PM
To: Mike Phillips (TESF-Bozeman) <Mike.Phillips@tedturner.com>;
Ron Sutherland <ron@wildlandsnetwork.org>; Jones, Marshall
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Waddell <firthoclyde53@gmail.com>
Subject: RE: new publications

This would be a cool project to get funded!

From: Mike Phillips (TESF-Bozeman)
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Waddell <firthoclyde53@gmail.com>
Subject: RE: new publications

Folks,

FYI, in 1988 I led an effort to trap canids in the Sabine National
Wildlife Refuge in hopes of catching new founders for the red wolf

breeding program.

Mike Morse accompanied me to the refuge and we logged several days of good trapping. We caught two animals that appeared to be big coyotes or red wolf/coyote hybrids. Neither was placed in captivity and I don't recall any samples being subjected to genetic analysis, in part because available techniques were very different from those available today.

It would be very easy to conduct a new reconnaissance if it was believed that enough good could come from another round of trapping to offset the negative consequences related to harassing the trapped animals.

I recall that years ago Dave Mech got involved with an effort to track down canids (in Louisiana or Mississippi) that looked a lot like red wolves. I don't think anything came of the effort, but Dave would know the full story.

Mike

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Subject: Re: new publications

Yes, I assume this is the same as what you are talking about
Marshall: Dr. Lisette Waits presented some of her new Louisiana

research to the NAS red wolf/mexican gray wolf taxonomy panel last Thursday: <http://nas-sites.org/dels/studies/wolf-taxonomy-study/meeting-1/>

They are finding abundant evidence of red wolf DNA in those LA animals as well, including one individual that appeared to potentially qualify as a full-on red wolf!

I'd be very interested to hear from USFWS what the implications of these studies will be for red wolf conservation in the field? To me, there seems to be a growing body of evidence that 1. not all the Gulf Coast red wolves were captured in the 1970's, and 2. the remaining wolves (or at least their DNA) have persisted and prospered for 40 years despite minimal management or protections by humans.

Ron

On 9/19/2018 12:51 PM, Jones, Marshall wrote:

Yes it is Nuch! I've also heard that there may be something similar in extant Canid populations in western Louisiana (Sabine National Wildlife Refuge and adjacent areas) though they would not be as geographically distinct as Canids on Galveston Island. I'd be interested if anyone has information about this?

Marshall

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From: Songsasen, Nucharin
Sent: Wednesday, September 19, 2018 12:44 PM
To: Ben Prater <bprater@defenders.org>; Benjamin, Pete <pete_benjamin@fws.gov>; Bridgett M. vonHoldt <vonholdt@Princeton.EDU>; Bruskotter, Jeremy <bruskotter.9@osu.edu>; Craig Standridge <Craig.Standridge@pdza.org>; Cristina Eisenberg <ceisenberg@earthwatch.org>; cslaporte@gmail.com; Davis, Jennifer <DavisJe@si.edu>; Dodge, Molly <DodgeM@si.edu>; Gompper, Matthew E. <gompper@missouri.edu>; Jacqueline Weeks <jweeks@conservationcenters.org>; Jennie Miller <JMiller@defenders.org>; Johnson, Amy E. <JohnsonAE@si.edu>; Johnson, Cole <JohnsonC@si.edu>; Jones, Marshall <JonesMP@si.edu>; Karen Wolf <Karen.Wolf@pdza.org>; Katy Palfrey <kpalfrey@conservationcenters.org>; Kayla Ripple <kripple@AZA.org>; Kim Wheeler <kwheeler@redwolves.com>; Koepfli, Klaus-Peter <KoepfliK@si.edu>; Kristin Brzeski <kbrzeski@mtu.edu>; Lasher, Chris <chris.lasher@nczoo.org>; Lisa Faust <LFaust@lpzoo.org>; Lisa Volgenau <lisa@volgenaufoundation.org>; LPF

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Subject: new publications

Ground breaking research!

Rediscovery of red wolf ghost alleles in a canid population along the American Gulf Coast

<https://www.biorxiv.org/content/early/2018/09/18/420356>

--
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Conservation Scientist
Wildlands Network
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www.flickr.com/photos/redwolfreality/albums
www.wildlandsnetwork.org

Jacob Malcom <JMALCOM@defenders.org>

From: Jacob Malcom <JMALCOM@defenders.org>
Sent: Tue Oct 09 2018 03:52:46 GMT-0600 (MDT)
To: "Bridgett M. vonHoldt" <vonholdt@princeton.edu>, "Mike Phillips (TESF-Bozeman)" <Mike.Phillips@tedturner.com>, Jennie Miller <JMiller@defenders.org>
Thomas Risch <trisch@astate.edu>, "Johnson, Cole" <JohnsonC@si.edu>, Ron Sutherland <ron@wildlandsnetwork.org>, "Jones, Marshall"

CC:

<JonesMP@si.edu>, "Songsasen, Nucharin"
<SongsasenN@si.edu>, Ben Prater <bprater@defenders.org>,
"Benjamin, Pete" <pete_benjamin@fws.gov>, "Bruskotter,
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Waddell <firhoclyde53@gmail.com>

Subject:

[EXTERNAL] RE: new publications

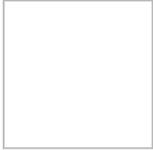
Thank you, Jennie, and good to be in touch with everyone here. We—Defenders and the Center for Conservation Innovation—are, as you might expect, really interested in the topics in this thread. (And not just for canids, but questions of how genomic data inform conservation decisions for many species under the ESA and other laws.) One of our priorities in the coming months and years is to play a role in helping develop policies that catch up with current technology and anticipate future developments. I suspect everyone here agrees that canids are a great case to illustrate why well-developed policies and procedures, and community-agreed standards, are needed. I can give a very brief example of why it has mattered in our past work.

A few years ago there was a question about the distinctiveness of a particular population of wolves, and how they should be treated under the ESA. There were genome-wide SNP (microarray) data covering different parts of the species' North American range including the population in question, developed by different labs. I was recently out of my postdoc working on vertebrate genome [sequencing, assembly, and evolutionary analysis](#), so it seemed like a good chance to combine different data sets and answer an outstanding question. Bridgette kindly helped me corral the data and metadata from her groups, but other labs weren't helpful. After a lot of wrangling it became apparent that it was not possible to combine the data and answer the question because of the differences in genome assemblies used, different genotyping platforms employed, unclear methods, and incomplete information. This was a big missed opportunity for science to inform decision-making and it was preventable if data and reporting standards had been in place.

With experiences like that in mind, we are very interested in working with the community to develop a framework and policies for canid genetics, genomics, and more. Please let us know if Defenders can help convene a working group or other "body" to help address these issues, which are very important for ensuring science-based decisions and efficient allocation of limited resources.

Thanks,

Jacob



Jacob Malcom, PhD

Director
Center for Conservation Innovation
[202-772-3262](tel:202-772-3262)

Defenders of Wildlife

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www.defenders.org | cci.defenders.org

On Sep 26, 2018, 2:59 PM -0400, Jennie Miller <JMiller@defenders.org>, wrote:

Looping Jacob from Defenders in here to weigh in.

From: Bridgett M. vonHoldt <vonholdt@Princeton.EDU>

Sent: Tuesday, September 25, 2018 11:07 AM

To: Mike Phillips (TESF-Bozeman) <Mike.Phillips@tedturner.com>

Cc: Thomas Risch <trisch@astate.edu>; Johnson, Cole <JohnsonC@si.edu>; Ron Sutherland <ron@wildlandsnetwork.org>; Jones, Marshall <JonesMP@si.edu>; Songsasen, Nucharin <SongsasenN@si.edu>; Ben Prater <bprater@defenders.org>; Benjamin, Pete <pete_benjamin@fws.gov>; Bruskotter, Jeremy <bruskotter.9@osu.edu>; Craig Standridge <Craig.Standridge@pdza.org>; Cristina Eisenberg <ceisenberg@earthwatch.org>; cslaporte@gmail.com; Davis, Jennifer <DavisJe@si.edu>; Dodge, Molly <DodgeM@si.edu>; Gompper, Matthew E. <gompper@missouri.edu>; Jacqueline Weeks <jweeks@conservationcenters.org>; Jennie Miller <JMiller@defenders.org>; Johnson, Amy E. <JohnsonAE@si.edu>; Karen Wolf <Karen.Wolf@pdza.org>; Katy Palfrey <kpalfrey@conservationcenters.org>; Kayla Ripple <kripple@AZA.org>; Kim Wheeler <kwheeler@redwolves.com>; Koepfli, Klaus-Peter <KoepfliK@si.edu>; Kristin Brzeski <kbrzeski@mtu.edu>; Lasher, Chris <chris.lasher@nczoo.org>; Lisa Faust <LFaust@lpzoo.org>; Lisa Volgenau <lisa@volgenaufoundation.org>; LPF Office <mike@libertyprairie.org>; Madison, Joseph <joseph_madison@fws.gov>; Michael J Chamberlain <mchamberlain@warnell.uga.edu>; Michael Morse <michael_l_morse@fws.gov>; Miranda, Leopoldo <leopoldo_miranda@fws.gov>; Monfort, Steven <monforts@si.edu>; Phil Miller <pmiller@cpsg.org>; Pitt, William <PittW@si.edu>; Regina Mossotti <rmossotti@endangeredwolfcenter.org>; Roland Kays <rwkays@ncsu.edu>; sacharuna <sacharuna@pfchq.com>; Serenari, Christopher <c_s754@txstate.edu>; Shelly Grow <SGrow@AZA.org>; Songer, Melissa <SongerM@si.edu>; solson@aza.org; Toivonen, Lauren . (MU-Student) <lkt895@mail.missouri.edu>; Weller, Emily <emily_weller@fws.gov>; Wildt, David <WildtD@si.edu>; Will Waddell <firthoclyde53@gmail.com>

Subject: Re: new publications

I'd be happy to! I'm teaching this semester (Mon/Wed) with Fridays often quite booked but I'm sure we could find a time that works well for those interested.

Bridgett

On Sep 25, 2018, at 9:59 AM, Mike Phillips (TESF-Bozeman) <Mike.Phillips@tedturner.com> wrote:

Thanks, Bridgett, for the very useful note.

Can you take a call to discuss a specific aspect of red wolf genetics that intrigues me?

Mike

Sent from my iPhone

On Sep 24, 2018, at 5:57 PM, Bridgett M. vonHoldt <vonholdt@Princeton.EDU> wrote:

Hi all,

This has been a very interesting thread and I really am energized by the conversation! Since there are many people involved, I would like to make a few comments about the genetic

analyses that seem to be stimulated from a preprint by my group (also coauthored by Kristin Brzeski, cc).

It is great that there is an effort to discuss samples, both past and future. There are some biases or caveats that should be clear when planning. I direct a large team of collaborators from various institutions on the genomic analysis of North American canids (see <http://canineancestry.princeton.edu>). We have genotyped over 2200 canids (including domestic dogs) from across the continent. We have developed a specific method. I strongly believe that canid conservation genetics would benefit from consistently in any future genetic collection efforts. I am currently dealing with this issue right now with gray wolf genetics. I have replaced an old dataset of 26 microsatellites now with genome SNP data on a pedigree population of >400 gray wolves. Yet some agencies are arguing to continue to collect their own independent dataset (they are digging their own hole as to have no ability to compare their dataset with any other North American canid out there). To help prevent this from happening, I would be more than happy to discuss collaborations and cost sharing for anyone who wants to send samples to me to be genotyped (sending students to learn/conduct the lab work is highly encouraged as well). In the end, this would produce an incredibly consistent effort. Each and every sample would benefit from being apart of an unprecedented reference panel of canids. If the community choses to move forward with microsatellites, I do encourage some major words of caution for interpreting species assignments and ancestry proportions. This data type highly limits the ability for results to be interpreted in the same ballpark as genomic estimates.

Finally, I am involved in a variety of canid genetic projects, with a number of them that focus on conservation efforts. Kristin Brzeski (my former post-doc and now faculty at Michigan Tech) is leading an extensive genetic survey of red wolves, with funding support provided by PDZA. My group also has an extensive genetic survey of coyotes, with a particular focus on coyotes in the southeastern and northeastern regions. I am very open to collaborations and work really hard to be productive and transparent. I would welcome a conversation should anyone want to join forces and explore canid genomics with me.

Best-
Bridgett

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On Sep 24, 2018, at 6:45 PM, Thomas Risch <trisch@astate.edu> wrote:

Folks,

I might be able to pull the funding together from Arkansas State University that would focus on collecting samples and subsequent the genetic analyses that would focus Sabine National Wildlife Refuge and other promising areas to identify potential areas for future trapping efforts. If so, could we count on some support from this team in identifying the areas and perhaps with on the ground logistics? We have a student from the endangered wolf center that is qualified and interested in a red wolf project at A-State. I could likely support such a project for three years, 25K, 50K, and 25K for a total of 100K.

Please share your thoughts on this.

Thanks in advance.
Tom

Thomas S. Risch, Ph.D.
Interim Associate Vice Chancellor of Research
870-972-2694

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Subject: RE: new publications

This would be a cool project to get funded!

From: Mike Phillips (TESF-Bozeman) <Mike.Phillips@tedturner.com>

Sent: Wednesday, September 19, 2018 1:24 PM

To: Ron Sutherland <ron@wildlandsnetwork.org>; Jones, Marshall <JonesMP@si.edu>; Songsasen, Nucharin <SongsasenN@si.edu>; Ben Prater <bprater@defenders.org>; Benjamin, Pete <pete_benjamin@fws.gov>; Bridgett M. vonHoldt <vonholdt@Princeton.EDU>; Bruskotter, Jeremy <bruskotter.9@osu.edu>; Craig Standridge <Craig.Standridge@pdza.org>; Cristina Eisenberg <ceisenberg@earthwatch.org>; cslaporte@gmail.com; Davis, Jennifer <DavisJe@si.edu>; Dodge, Molly <DodgeM@si.edu>; Gompper, Matthew E. <gompper@missouri.edu>; Jacqueline Weeks <jweeks@conservationcenters.org>; Jennie Miller <JMiller@defenders.org>; Johnson, Amy E. <JohnsonAE@si.edu>; Johnson, Cole <JohnsonC@si.edu>; Karen Wolf <Karen.Wolf@pdza.org>; Katy Palfrey <kpalfrey@conservationcenters.org>; Kayla Ripple <kripple@AZA.org>; Kim Wheeler <kwheeler@redwolves.com>; Koepfli, Klaus-Peter <KoepfliK@si.edu>; Kristin Brzeski <kbrzeski@mtu.edu>; Lasher, Chris <chris.lasher@nczoo.org>; Lisa Faust <LFaust@lpzoo.org>; Lisa Volgenau <lisa@volgenaufoundation.org>; LPF Office <mike@libertyprairie.org>; Madison, Joseph <joseph_madison@fws.gov>; Michael J Chamberlain <mchamberlain@warnell.uga.edu>; Michael Morse <michael_l_morse@fws.gov>; Miranda, Leopoldo <leopoldo_miranda@fws.gov>; Monfort, Steven <monforts@si.edu>; Phil Miller <pmiller@cpsg.org>; Pitt, William <PittW@si.edu>;

Regina Mossotti <rmossotti@endangeredwolfcenter.org>; Roland Kays <rwkays@ncsu.edu>; sacharuna <sacharuna@pfchq.com>; Serenari, Christopher <c_s754@txstate.edu>; Shelly Grow <SGrow@AZA.org>; Songer, Melissa <SongerM@si.edu>; solson@aza.org; Thomas Risch <trisch@astate.edu>; Toivonen, Lauren . (MU-Student) <lkt895@mail.missouri.edu>; Weller, Emily <emily_weller@fws.gov>; Wildt, David <WildtD@si.edu>; Will Waddell <firthoclyde53@gmail.com>

Subject: RE: new publications

Folks,

FYI, in 1988 I led an effort to trap canids in the Sabine National Wildlife Refuge in hopes of catching new founders for the red wolf breeding program.

Mike Morse accompanied me to the refuge and we logged several days of good trapping. We caught two animals that appeared to be big coyotes or red wolf/coyote hybrids. Neither was placed in captivity and I don't recall any samples being subjected to genetic analysis, in part because available techniques were very different from those available today.

It would be very easy to conduct a new reconnaissance if it was believed that enough good could come from another round of trapping to offset the negative consequences related to harassing the trapped animals.

I recall that years ago Dave Mech got involved with an effort to track down canids (in Louisiana or Mississippi) that looked a lot like red wolves. I don't think anything came of the effort, but Dave would know the full story.

Mike

From: Ron Sutherland <ron@wildlandsnetwork.org>

Sent: Wednesday, September 19, 2018 11:13 AM

To: Jones, Marshall <JonesMP@si.edu>; Songsasen, Nucharin <SongsasenN@si.edu>; Ben Prater <bprater@defenders.org>; Benjamin, Pete <pete_benjamin@fws.gov>; Bridgett M. vonHoldt <vonholdt@Princeton.EDU>; Bruskotter, Jeremy <bruskotter.9@osu.edu>; Craig Standridge <Craig.Standridge@pdza.org>; Cristina Eisenberg <ceisenberg@earthwatch.org>; cslaporte@gmail.com; Davis, Jennifer <DavisJe@si.edu>; Dodge, Molly <DodgeM@si.edu>; Gompper, Matthew E. <gompper@missouri.edu>; Jacqueline Weeks <jweeks@conservationcenters.org>; Jennie Miller <JMiller@defenders.org>; Johnson, Amy E. <JohnsonAE@si.edu>; Johnson, Cole <JohnsonC@si.edu>; Karen Wolf <Karen.Wolf@pdza.org>; Katy Palfrey <kpalfrey@conservationcenters.org>; Kayla Ripple <kripple@AZA.org>; Kim Wheeler <kwheeler@redwolves.com>; Koepfli, Klaus-Peter <KoepfliK@si.edu>; Kristin Brzeski <kbrzeski@mtu.edu>; Lasher, Chris <chris.lasher@nczoo.org>; Lisa Faust <LFaust@lpzoo.org>; Lisa Volgenau <lisa@volgenaufoundation.org>; LPF Office <mike@libertyprairie.org>; Madison, Joseph <joseph_madison@fws.gov>; Michael J Chamberlain <mchamberlain@warnell.uga.edu>; Michael Morse <michael_l_morse@fws.gov>; Mike Phillips (TESF-Bozeman) <Mike.Phillips@tedturner.com>; Miranda, Leopoldo <leopoldo_miranda@fws.gov>; Monfort, Steven <monforts@si.edu>; Phil Miller <pmiller@cpsg.org>; Pitt, William <PittW@si.edu>; Regina Mossotti <rmossotti@endangeredwolfcenter.org>; Roland Kays <rwkays@ncsu.edu>; sacharuna <sacharuna@pfchq.com>; Serenari, Christopher <c_s754@txstate.edu>; Shelly Grow <SGrow@AZA.org>; Songer, Melissa <SongerM@si.edu>; solson@aza.org; Thomas Risch <trisch@astate.edu>; Toivonen, Lauren . (MU-Student) <lkt895@mail.missouri.edu>; Weller, Emily <emily_weller@fws.gov>; Wildt, David <WildtD@si.edu>; Will Waddell <firthoclyde53@gmail.com>

Subject: Re: new publications

Yes, I assume this is the same as what you are talking about Marshall: Dr. Lisette Waits presented some of her new Louisiana research to the NAS red wolf/mexican gray wolf taxonomy panel last Thursday: <http://nas-sites.org/dels/studies/wolf-taxonomy-study/meeting-1/>

They are finding abundant evidence of red wolf DNA in those LA animals as well, including one individual that appeared to potentially qualify as a full-on red wolf!

I'd be very interested to hear from USFWS what the implications of these studies will be for red wolf conservation in the field? To me, there seems to be a growing body of evidence that 1. not all the Gulf Coast red wolves were captured in the 1970's, and 2. the remaining wolves (or at least their DNA) have persisted and prospered for 40 years despite minimal management or protections by humans.

Ron

On 9/19/2018 12:51 PM, Jones, Marshall wrote:

Yes it is Nuch! I've also heard that there may be something similar in extant Canid populations in western Louisiana (Sabine National Wildlife Refuge and adjacent areas) though they would not be as geographically distinct as Canids on Galveston Island. I'd be interested if anyone has information about this?

Marshall

Marshall P Jones
Senior Conservation Advisor
Smithsonian Conservation Biology Institute
1500 Remount Rd
Front Royal, VA 22630
Tel: 540-635-6517 Mobile: 540-660-2549
jonemp@si.edu

From: Songsasen, Nucharin

Sent: Wednesday, September 19, 2018 12:44 PM

To: Ben Prater <bprater@defenders.org>; Benjamin, Pete <pete_benjamin@fws.gov>; Bridgett M. vonHoldt <vonholdt@Princeton.EDU>; Bruskotter, Jeremy <bruskotter.9@osu.edu>; Craig Standridge <Craig.Standridge@pdza.org>; Cristina Eisenberg <ceisenberg@earthwatch.org>; cslaporte@gmail.com; Davis, Jennifer <DavisJe@si.edu>; Dodge, Molly <DodgeM@si.edu>; Gompper, Matthew E. <gompper@missouri.edu>; Jacqueline Weeks <jweeks@conservationcenters.org>; Jennie Miller <JMiller@defenders.org>; Johnson, Amy E. <JohnsonAE@si.edu>; Johnson, Cole <JohnsonC@si.edu>; Jones, Marshall <JonesMP@si.edu>; Karen Wolf <Karen.Wolf@pdza.org>; Katy Palfrey <kpalfrey@conservationcenters.org>; Kayla Ripple <kripple@AZA.org>; Kim Wheeler <kwheeler@redwolves.com>; Koepfli, Klaus-Peter <KoepfliK@si.edu>; Kristin Brzeski <kbrzeski@mtu.edu>; Lasher, Chris <chris.lasher@nczoo.org>; Lisa Faust <LFaust@lpzoo.org>; Lisa Volgenau <lisa@volgenaufoundation.org>; LPF Office <mike@libertyprairie.org>; Madison, Joseph <joseph_madison@fws.gov>; Michael J Chamberlain <mchamberlain@warnell.uga.edu>; Michael Morse <michael_l_morse@fws.gov>; Mike Phillips (TESF-Bozeman) <Mike.Phillips@tedturner.com>; Miranda, Leopoldo <leopoldo_miranda@fws.gov>; Monfort, Steven <monforts@si.edu>; Phil Miller <pmiller@cpsg.org>; Pitt, William <PittW@si.edu>; Regina Mossotti <rmossotti@endangeredwolfcenter.org>; Roland Kays <rwkays@ncsu.edu>; Ron Sutherland <ron@wildlandsnetwork.org>; sacharuna <sacharuna@pfchq.com>; Serenari, Christopher <c_s754@txstate.edu>; Shelly Grow <SGrow@AZA.org>; Songer, Melissa <SongerM@si.edu>; Steve Olson <SOlson@AZA.org>; Thomas Risch <trisch@astate.edu>; Toivonen, Lauren . (MU-Student) <lkt895@mail.missouri.edu>; Weller, Emily <emily_weller@fws.gov>; Wildt, David <WildtD@si.edu>; Will Waddell <firthoclyde53@gmail.com>

Subject: new publications

Ground breaking research!

Rediscovery of red wolf ghost alleles in a canid population along



the American Gulf Coast

<https://www.biorxiv.org/content/early/2018/09/18/420356>

--

Ron Sutherland, Ph.D.

Conservation Scientist

Wildlands Network

919-641-0060 cell

www.flickr.com/photos/redwolfreality/albums

www.wildlandsnetwork.org

Label: "FOIA 20190531"

Created by:ryan_nordsven@fws.gov

Total Messages in label:255 (70 conversations)

Created: 06-12-2019 at 13:14 PM

Conversation Contents

Trapping on the Bombing Range

"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Mon Nov 05 2018 10:11:15 GMT-0700 (MST)
To: Ryan Nordsven <ryan_nordsven@fws.gov>, "Morse, Michael" <michael_l_morse@fws.gov>, Shaun Olson <shaun_olson@fws.gov>
Subject: Trapping on the Bombing Range

I know Art mentioned this to you in general Ryan, but the week in November that the bombing range is doing culvert maintenance so the range will not be hot, is just next week, November 12 - 16. Be advised they also have a bear hunt during part of that time Nov 14-17 and again in December 12-15.

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

Label: "FOIA 20190531"

Created by:ryan_nordsven@fws.gov

Total Messages in label:255 (70 conversations)

Created: 06-12-2019 at 13:14 PM

Conversation Contents

[EXTERNAL] Canid Project Collaborative Meeting

Attachments:

/25. [EXTERNAL] Canid Project Collaborative Meeting/1.1 image001.png
/25. [EXTERNAL] Canid Project Collaborative Meeting/1.2 image002.png
/25. [EXTERNAL] Canid Project Collaborative Meeting/1.3 image003.png
/25. [EXTERNAL] Canid Project Collaborative Meeting/1.4 image004.png
/25. [EXTERNAL] Canid Project Collaborative Meeting/2.1 image001.png
/25. [EXTERNAL] Canid Project Collaborative Meeting/2.2 image002.png
/25. [EXTERNAL] Canid Project Collaborative Meeting/2.3 image003.png
/25. [EXTERNAL] Canid Project Collaborative Meeting/2.4 image004.png
/25. [EXTERNAL] Canid Project Collaborative Meeting/3.1 image001.png
/25. [EXTERNAL] Canid Project Collaborative Meeting/3.2 image002.png
/25. [EXTERNAL] Canid Project Collaborative Meeting/3.3 image003.png
/25. [EXTERNAL] Canid Project Collaborative Meeting/3.4 image004.png
/25. [EXTERNAL] Canid Project Collaborative Meeting/4.1 image001.png
/25. [EXTERNAL] Canid Project Collaborative Meeting/4.2 image002.png
/25. [EXTERNAL] Canid Project Collaborative Meeting/4.3 image003.png
/25. [EXTERNAL] Canid Project Collaborative Meeting/4.4 image004.png
/25. [EXTERNAL] Canid Project Collaborative Meeting/5.1 image001.png
/25. [EXTERNAL] Canid Project Collaborative Meeting/5.2 image002.png
/25. [EXTERNAL] Canid Project Collaborative Meeting/5.3 image003.png
/25. [EXTERNAL] Canid Project Collaborative Meeting/5.4 image004.png
/25. [EXTERNAL] Canid Project Collaborative Meeting/6.1 USFWS x WRC Meeting
Agenda 2018-11-06 (1).docx
/25. [EXTERNAL] Canid Project Collaborative Meeting/6.2 image001.png
/25. [EXTERNAL] Canid Project Collaborative Meeting/6.3 image002.png
/25. [EXTERNAL] Canid Project Collaborative Meeting/6.4 image003.png
/25. [EXTERNAL] Canid Project Collaborative Meeting/6.5 image004.png
/25. [EXTERNAL] Canid Project Collaborative Meeting/7.1 image005.png
/25. [EXTERNAL] Canid Project Collaborative Meeting/7.2 image006.png
/25. [EXTERNAL] Canid Project Collaborative Meeting/7.3 image007.png
/25. [EXTERNAL] Canid Project Collaborative Meeting/7.4 image008.png
/25. [EXTERNAL] Canid Project Collaborative Meeting/7.5 image009.png
/25. [EXTERNAL] Canid Project Collaborative Meeting/7.6 image010.png
/25. [EXTERNAL] Canid Project Collaborative Meeting/7.7 image011.png
/25. [EXTERNAL] Canid Project Collaborative Meeting/7.8 image012.png

"Shipley, Andrea J" <andrea.shipley@ncwildlife.org>

From: "Shipley, Andrea J" <andrea.shipley@ncwildlife.org>
Sent: Mon Sep 17 2018 08:18:45 GMT-0600 (MDT)
Joseph Madison <joseph_madison@fws.gov>, "Benjamin, Pete" <pete_benjamin@fws.gov>, Michael Morse <michael_l_morse@fws.gov>, "ryan_nordsven (ryan_nordsven@fws.gov)" <ryan_nordsven@fws.gov>, "Shaun Olson (shaun_olson@fws.gov)" <shaun_olson@fws.gov>

CC: "McAlister, John W" <john.mcalister@ncwildlife.org>, "Schweitzer, Sara H" <sara.schweitzer@ncwildlife.org>, "Cobb, David T." <david.cobb@ncwildlife.org>
Subject: [EXTERNAL] Canid Project Collaborative Meeting
Attachments: image001.png image002.png image003.png image004.png

Hi All, With the winter rapidly approaching, I thought it would be good for us all to convene to get updated on our respective work and to see how we may be able to support each other during this trapping season. I've put together a doodle poll with a range of dates from October into early November to see what could possibly work with all of our schedules. Once we've got that sorted, I'll set up a meeting place. Last year we had a much larger group meeting, but I don't believe that is necessary for this year. Please feel free to chime in with differences of opinion. <https://doodle.com/poll/cz3y96y37czf6dgz> Hopefully most, if not all, of us will be able to meet before the trapping season opens. Hope you all fared well with the hurricane, Andrea -----
----- Andrea J. Shipley Mammalogist, Wildlife Diversity Program NC Wildlife Resources Commission Mailing Address: PO Box 209 Castalia, North Carolina 27816 office: 919-495-4001 mobile: 919-208-9200 ncwildlife.org [fb icon][twitter icon] [insta icon][youtube icon] _____ Email correspondence to and from this sender is subject to the N.C. Public Records Law and may be disclosed to third parties.

"Shipley, Andrea J" <andrea.shipley@ncwildlife.org>

From: "Shipley, Andrea J" <andrea.shipley@ncwildlife.org>
Sent: Mon Sep 24 2018 08:24:38 GMT-0600 (MDT)
To: Joseph Madison <joseph_madison@fws.gov>, "Benjamin, Pete" <pete_benjamin@fws.gov>, Michael Morse <michael_l_morse@fws.gov>, "ryan_nordsven (ryan_nordsven@fws.gov)" <ryan_nordsven@fws.gov>, "Shaun Olson (shaun_olson@fws.gov)" <shaun_olson@fws.gov>
CC: "McAlister, John W" <john.mcalister@ncwildlife.org>, "Schweitzer, Sara H" <sara.schweitzer@ncwildlife.org>, "Cobb, David T." <david.cobb@ncwildlife.org>
Subject: [EXTERNAL] RE: Canid Project Collaborative Meeting
Attachments: image001.png image002.png image003.png image004.png

Doodle poll reminder since October is just around the corner. I would like to get a date set by the end of the week. Please let me know if you have any questions or concerns. Thanks, Andrea -----
----- Andrea J. Shipley Mammalogist, Wildlife Diversity Program NC Wildlife Resources Commission Mailing Address: PO Box 209 Castalia, North Carolina 27816 office: 919-495-4001 mobile: 919-208-9200 ncwildlife.org [fb icon][twitter icon][insta icon][youtube icon] _____ Email correspondence to and from this sender is subject to the N.C. Public Records Law and may be disclosed to third parties. From: Shipley, Andrea J Sent: Monday, September 17, 2018 10:19 AM To: Joseph Madison <joseph_madison@fws.gov>; Benjamin, Pete <pete_benjamin@fws.gov>; Michael Morse <michael_l_morse@fws.gov>; ryan_nordsven (ryan_nordsven@fws.gov) <ryan_nordsven@fws.gov>; Shaun Olson (shaun_olson@fws.gov) <shaun_olson@fws.gov> Cc: McAlister, John W <john.mcalister@ncwildlife.org>; Schweitzer, Sara H <sara.schweitzer@ncwildlife.org>; David T. Cobb (david.cobb@ncwildlife.org) <david.cobb@ncwildlife.org> Subject: Canid Project Collaborative Meeting Importance: High Hi All, With the winter rapidly approaching, I thought it would be good for us all to convene to get updated on our respective work and to see how we may be able to support each other during this trapping season. I've put together a doodle poll with a range of dates from October into

early November to see what could possibly work with all of our schedules. Once we've got that sorted, I'll set up a meeting place. Last year we had a much larger group meeting, but I don't believe that is necessary for this year. Please feel free to chime in with differences of opinion. <https://doodle.com/poll/cz3y96y37czf6dgz> Hopefully most, if not all, of us will be able to meet before the trapping season opens. Hope you all fared well with the hurricane, Andrea -----
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"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Mon Sep 24 2018 11:08:33 GMT-0600 (MDT)
To: "Morse, Michael" <michael_l_morse@fws.gov>, Ryan Nordsven <ryan_nordsven@fws.gov>
Subject: Fwd: [EXTERNAL] RE: Canid Project Collaborative Meeting
Attachments: image001.png image002.png image003.png image004.png

Respond to this poll when you are able. I have already told Andrea that neither of you are available the week of October 22. If I was a betting man, my bet would be that the meeting will be held on November 6 based on the poll responses already submitted.

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

----- Forwarded message -----

From: Shipley, Andrea J <andrea.shipley@ncwildlife.org>
Date: Mon, Sep 24, 2018 at 10:24 AM
Subject: [EXTERNAL] RE: Canid Project Collaborative Meeting
To: Joseph Madison <joseph_madison@fws.gov>, Benjamin, Pete <pete_benjamin@fws.gov>, Michael Morse <michael_l_morse@fws.gov>, ryan_nordsven (ryan_nordsven@fws.gov) <ryan_nordsven@fws.gov>, Shaun Olson (shaun_olson@fws.gov) <shaun_olson@fws.gov>
Cc: McAlister, John W <john.mcalister@ncwildlife.org>, Schweitzer, Sara H <sara.schweitzer@ncwildlife.org>, Cobb, David T. <david.cobb@ncwildlife.org>

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I would like to get a date set by the end of the week. Please let me know if you have any questions or concerns.

Thanks,

Andrea

Andrea J. Shipley

Mammalogist, Wildlife Diversity Program

NC Wildlife Resources Commission

Mailing Address: PO Box 209
Castalia, North Carolina 27816
office: 919-495-4001
mobile: 919-208-9200

ncwildlife.org



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From: Shipley, Andrea J

Sent: Monday, September 17, 2018 10:19 AM

To: Joseph Madison <joseph_madison@fws.gov>; Benjamin, Pete <pete_benjamin@fws.gov>; Michael Morse <michael_l_morse@fws.gov>; ryan_nordsven (ryan_nordsven@fws.gov) <ryan_nordsven@fws.gov>; Shaun Olson (shaun_olson@fws.gov) <shaun_olson@fws.gov>

Cc: McAlister, John W <john.mcalister@ncwildlife.org>; Schweitzer, Sara H <sara.schweitzer@ncwildlife.org>; David T. Cobb (david.cobb@ncwildlife.org) <david.cobb@ncwildlife.org>

Subject: Canid Project Collaborative Meeting

Importance: High

Hi All,

With the winter rapidly approaching, I thought it would be good for us all to convene to get updated on our respective work and to see how we may be able to support each other during this trapping season.

I've put together a doodle poll with a range of dates from October into early November to see what could possibly work with all of our schedules. Once we've got that sorted, I'll set up a meeting place. Last year we had a much larger group meeting, but I don't believe that is necessary for this year. Please feel free to chime in with differences of opinion.

<https://doodle.com/poll/cz3y96y37czf6dgz>

Hopefully most, if not all, of us will be able to meet before the trapping season opens.

Hope you all fared well with the hurricane,

Andrea

Andrea J. Shipley

Mammalogist, Wildlife Diversity Program

NC Wildlife Resources Commission

Mailing Address: PO Box 209
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"Shipley, Andrea J" <andrea.shipley@ncwildlife.org>

From: "Shipley, Andrea J" <andrea.shipley@ncwildlife.org>
Sent: Tue Sep 25 2018 06:47:09 GMT-0600 (MDT)
To: Joseph Madison <joseph_madison@fws.gov>, "Benjamin, Pete" <pete_benjamin@fws.gov>, Michael Morse <michael_l_morse@fws.gov>, "ryan_nordsven (ryan_nordsven@fws.gov)" <ryan_nordsven@fws.gov>, "Shaun Olson (shaun_olson@fws.gov)" <shaun_olson@fws.gov>
CC: "McAlister, John W" <john.mcalister@ncwildlife.org>, "Schweitzer, Sara H" <sara.schweitzer@ncwildlife.org>, "Cobb, David T." <david.cobb@ncwildlife.org>
Subject: [EXTERNAL] RE: Canid Project Collaborative Meeting
Attachments: image001.png image002.png image003.png image004.png

Thank you all for responding so quickly! I'm waiting on a few more responses, but right now Nov 6th is looking like the clear winner. I'll send out the final word on Friday. Thanks again, Andrea --

----- Andrea J. Shipley Mammalogist, Wildlife Diversity Program NC Wildlife Resources Commission Mailing Address: PO Box 209 Castalia, North Carolina 27816 office: 919-495-4001 mobile: 919-208-9200 ncwildlife.org [fb icon][twitter icon][insta icon][youtube icon]

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"Shipley, Andrea J" <andrea.shipley@ncwildlife.org>

From: "Shipley, Andrea J" <andrea.shipley@ncwildlife.org>
Sent: Thu Sep 27 2018 11:26:58 GMT-0600 (MDT)
To: Joseph Madison <joseph_madison@fws.gov>, "Benjamin, Pete" <pete_benjamin@fws.gov>, Michael Morse <michael_l_morse@fws.gov>, "ryan_nordsven (ryan_nordsven@fws.gov)" <ryan_nordsven@fws.gov>, "Shaun Olson (shaun_olson@fws.gov)" <shaun_olson@fws.gov>
CC: "McAlister, John W" <john.mcalister@ncwildlife.org>, "Schweitzer, Sara H" <sara.schweitzer@ncwildlife.org>, "Cobb, David T." <david.cobb@ncwildlife.org>
Subject: [EXTERNAL] RE: Canid Project Collaborative Meeting
Attachments: image001.png image002.png image003.png image004.png

Good Afternoon, November 6th did end up rising to the top of the selection of dates, so I have booked us a meeting space at Pocosin Lakes visitor center in Columbia from 1:30-3:30PM that day. We'll be meeting in the smaller classroom space since we are a smaller group this year. Please let me know if there is any conflict with this time range on November 6th. Thanks, Andrea -----

----- Andrea J. Shipley Mammalogist, Wildlife Diversity Program NC Wildlife Resources Commission Mailing Address: PO Box 209 Castalia, North Carolina 27816 office: 919-495-4001 mobile: 919-208-9200 ncwildlife.org [fb icon][twitter icon][insta icon][youtube icon] _____ Email

correspondence to and from this sender is subject to the N.C. Public Records Law and may be disclosed to third parties. From: Shipley, Andrea J Sent: Tuesday, September 25, 2018 8:47 AM To: Joseph Madison <joseph_madison@fws.gov>; Benjamin, Pete <pete_benjamin@fws.gov>; Michael Morse <michael_l_morse@fws.gov>; ryan_nordsven (ryan_nordsven@fws.gov) <ryan_nordsven@fws.gov>; Shaun Olson (shaun_olson@fws.gov) <shaun_olson@fws.gov> Cc: McAlister, John W <john.mcalister@ncwildlife.org>; Schweitzer, Sara H <sara.schweitzer@ncwildlife.org>; David T. Cobb (david.cobb@ncwildlife.org) <david.cobb@ncwildlife.org> Subject: RE: Canid Project Collaborative Meeting Thank you all for responding so quickly! I'm waiting on a few more responses, but right now Nov 6th is looking like the clear winner. I'll send out the final word on Friday. Thanks again, Andrea -----

----- Andrea J. Shipley Mammalogist, Wildlife Diversity Program NC Wildlife Resources Commission Mailing Address: PO Box 209 Castalia, North Carolina 27816 office: 919-495-4001 mobile: 919-208-9200 ncwildlife.org [fb icon][twitter icon][insta icon][youtube icon] _____ Email correspondence to and from this sender is subject to the N.C. Public Records Law and may be disclosed to third

parties. From: Shipley, Andrea J Sent: Monday, September 24, 2018 10:24 AM To: Joseph Madison <joseph_madison@fws.gov; Benjamin, Pete <pete_benjamin@fws.gov; Michael Morse <michael_l_morse@fws.gov; ryan_nordsven (ryan_nordsven@fws.gov<mailto:ryan_nordsven@fws.gov>) <ryan_nordsven@fws.gov; Shaun Olson (shaun_olson@fws.gov<mailto:shaun_olson@fws.gov>) <shaun_olson@fws.gov Cc: McAlister, John W <john.mcalister@ncwildlife.org; Schweitzer, Sara H <sara.schweitzer@ncwildlife.org; David T. Cobb (david.cobb@ncwildlife.org<mailto:david.cobb@ncwildlife.org>) <david.cobb@ncwildlife.org Subject: RE: Canid Project Collaborative Meeting Importance: High Doodle poll reminder since October is just around the corner. I would like to get a date set by the end of the week. Please let me know if you have any questions or concerns. Thanks, Andrea -----

----- Andrea J. Shipley Mammalogist, Wildlife Diversity Program NC Wildlife Resources Commission Mailing Address: PO Box 209 Castalia, North Carolina 27816 office: 919-495-4001 mobile: 919-208-9200 ncwildlife.org [fb icon][twitter icon][insta icon][youtube icon]

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https://doodle.com/poll/cz3y96y37czf6dgz Hopefully most, if not all, of us will be able to meet before the trapping season opens. Hope you all fared well with the hurricane, Andrea -----

----- Andrea J. Shipley Mammalogist, Wildlife Diversity Program NC Wildlife Resources Commission Mailing Address: PO Box 209 Castalia, North Carolina 27816 office: 919-495-4001 mobile: 919-208-9200 ncwildlife.org [fb icon][twitter icon][insta icon][youtube icon] ----- Email correspondence to and from this sender is subject to the N.C. Public Records Law and may be disclosed to third parties.

"Shipley, Andrea J" <andrea.shipley@ncwildlife.org>

From: "Shipley, Andrea J" <andrea.shipley@ncwildlife.org>
Sent: Fri Nov 02 2018 04:51:56 GMT-0600 (MDT)
Joseph Madison <joseph_madison@fws.gov>, "Benjamin, Pete" <pete_benjamin@fws.gov>, Michael Morse <michael_l_morse@fws.gov>, "ryan_nordsven (ryan_nordsven@fws.gov)" <ryan_nordsven@fws.gov>, "Shaun Olson (shaun_olson@fws.gov)" <shaun_olson@fws.gov>
To: "McAlister, John W" <john.mcalister@ncwildlife.org>, "Schweitzer, Sara H" <sara.schweitzer@ncwildlife.org>, "Cobb, David T." <david.cobb@ncwildlife.org>
CC: "Cobb, David T." <david.cobb@ncwildlife.org>
Subject: [EXTERNAL] RE: Canid Project Collaborative Meeting

Attachments:

USFWS x WRC Meeting Agenda 2018-11-06 (1).docx
image001.png image002.png image003.png image004.png

Good morning, Looking forward to seeing you all on Tuesday (hope everyone was able to vote early!) - I've attached a one-sheet agenda for the meeting. Please let me know if any questions or concerns come up between now and then. All the best, Andrea -----

----- Andrea J. Shipley Mammalogist, Wildlife Diversity Program NC Wildlife Resources Commission Mailing Address: PO Box 209 Castalia, North Carolina 27816 office: 919-495-4001 mobile: 919-208-9200 ncwildlife.org [fb icon][twitter icon][insta icon][youtube icon]

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<https://doodle.com/poll/cz3y96y37czf6dgz> Hopefully most, if not all, of us will be able to meet before the trapping season opens. Hope you all fared well with the hurricane, Andrea -----

----- Andrea J. Shipley Mammalogist, Wildlife Diversity Program NC Wildlife Resources Commission Mailing Address: PO Box 209 Castalia, North Carolina 27816 office: 919-495-4001 mobile: 919-208-9200 ncwildlife.org [fb icon][twitter icon][insta icon][youtube icon] ----- Email correspondence to and from this sender is subject to the N.C. Public Records Law and may be disclosed to third parties.

"Cobb, David T." <david.cobb@ncwildlife.org>

From: "Cobb, David T." <david.cobb@ncwildlife.org>

Sent: Fri Nov 02 2018 07:15:54 GMT-0600 (MDT)

"Shipley, Andrea J" <andrea.shipley@ncwildlife.org>, Joseph

To: Madison <joseph_madison@fws.gov>, "Benjamin, Pete" <pete_benjamin@fws.gov>, Michael Morse <michael_l_morse@fws.gov>, "ryan_nordsven (ryan_nordsven@fws.gov)" <ryan_nordsven@fws.gov>, "Shaun Olson (shaun_olson@fws.gov)" <shaun_olson@fws.gov>
CC: "McAlister, John W" <john.mcalister@ncwildlife.org>, "Schweitzer, Sara H" <sara.schweitzer@ncwildlife.org>
Subject: [EXTERNAL] RE: Canid Project Collaborative Meeting
Attachments: image005.png image006.png image007.png image008.png image009.png image010.png image011.png image012.png

All,

Unfortunately, I will not be able to be there in person as there are several meetings here on Tuesday in which I must participate. However, I will call in and hopefully only have to “bug out” for short segments.

David

David T. Cobb, Ph.D.
Certified Wildlife Biologist
National Conservation Leadership Institute Fellow

Chief, Wildlife Management Division
N.C. Wildlife Resources Commission
1722 Mail Service Center
Raleigh, NC 27699-1722
919.707.0051
ncwildlife.org



From: Shipley, Andrea J
Sent: Friday, November 02, 2018 6:52 AM
To: Joseph Madison <joseph_madison@fws.gov>; Benjamin, Pete <pete_benjamin@fws.gov>; Michael Morse <michael_l_morse@fws.gov>; ryan_nordsven (ryan_nordsven@fws.gov) <ryan_nordsven@fws.gov>; Shaun Olson (shaun_olson@fws.gov) <shaun_olson@fws.gov>
Cc: McAlister, John W <john.mcalister@ncwildlife.org>; Schweitzer, Sara H <sara.schweitzer@ncwildlife.org>; Cobb, David T. <david.cobb@ncwildlife.org>
Subject: RE: Canid Project Collaborative Meeting

Good morning,

Looking forward to seeing you all on Tuesday (hope everyone was able to vote early!) – I’ve attached a one-sheet agenda for the meeting.

Please let me know if any questions or concerns come up between now and then.

All the best,

Andrea

Andrea J. Shipley
Mammalogist, Wildlife Diversity Program

NC Wildlife Resources Commission
Mailing Address: PO Box 209
Castalia, North Carolina 27816
office: 919-495-4001
mobile: 919-208-9200

ncwildlife.org

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Cc: McAlister, John W <john.mcalister@ncwildlife.org>; Schweitzer, Sara H <sara.schweitzer@ncwildlife.org>; David T. Cobb (david.cobb@ncwildlife.org) <david.cobb@ncwildlife.org>
Subject: RE: Canid Project Collaborative Meeting
Importance: High

Doodle poll reminder since October is just around the corner.

I would like to get a date set by the end of the week. Please let me know if you have any questions or concerns.

Thanks,

Andrea

Andrea J. Shipley
Mammalogist, Wildlife Diversity Program

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Sent: Monday, September 17, 2018 10:19 AM

To: Joseph Madison <joseph_madison@fws.gov>; Benjamin, Pete <pete_benjamin@fws.gov>; Michael Morse <michael_l_morse@fws.gov>; ryan_nordsven (ryan_nordsven@fws.gov) <ryan_nordsven@fws.gov>; Shaun Olson (shaun_olson@fws.gov) <shaun_olson@fws.gov>

Cc: McAlister, John W <john.mcalister@ncwildlife.org>; Schweitzer, Sara H <sara.schweitzer@ncwildlife.org>; David T. Cobb (david.cobb@ncwildlife.org) <david.cobb@ncwildlife.org>

Subject: Canid Project Collaborative Meeting

Importance: High

Hi All,

With the winter rapidly approaching, I thought it would be good for us all to convene to get updated on our respective work and to see how we may be able to support each other during this trapping season.

I've put together a doodle poll with a range of dates from October into early November to see what could possibly work with all of our schedules. Once we've got that sorted, I'll set up a meeting place. Last year we had a much larger group meeting, but I don't believe that is necessary for this year. Please feel free to chime in with differences of opinion.

<https://doodle.com/poll/cz3y96y37czf6dgz>

Hopefully most, if not all, of us will be able to meet before the trapping season opens.

Hope you all fared well with the hurricane,

Andrea

Andrea J. Shipley

Mammalogist, Wildlife Diversity Program

NC Wildlife Resources Commission

Mailing Address: PO Box 209

Castalia, North Carolina 27816

office: 919-495-4001

mobile: 919-208-9200

ncwildlife.org

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Label: "Mar 2019 FOIA/Trapping"

Created by: joseph_madison@fws.gov

Total Messages in label: 271 (48 conversations)

Created: 05-31-2019 at 11:58 AM

Conversation Contents

Basic Telemetry Info

"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Wed Aug 29 2018 09:09:05 GMT-0600 (MDT)
To: Sarah Watts <sarah.watts@ncwf.org>
Subject: Basic Telemetry Info

Here's what I mentioned yesterday about the collars. It may not be very informative for what you are after. Let me know if you have any questions.

Radio collars are used to track and monitor the population of red wolves in eastern North Carolina. FWS biologists routinely conduct aerial and ground monitoring of all red wolves with radio collars to determine their general location, to detect any dispersal or unusual movements, and to detect any mortalities. Most radio collars are equipped with a mortality mode so if the animal doesn't move at all for approximately 6-8 hours, the radio collar will transmit a different signal indicating during monitoring that the individual is likely dead. We are then able to track the collar to a precise location to investigate the mortality. Collars can also be used to identify individuals either through the color of the collar or markings on the collar, both from direct observation and with remote sensing cameras.

There are a variety of different tracking collars. Some use only VHF to transmit the signal and you need to actively monitor the frequency to find the location, some are GPS collars that are programmed to transmit the animal's location at set intervals, some are GPS collars that you have to get close to in order to download location data, and some are GPS collars that transmit some location data while being worn but once the collar is retrieved you can download additional location data. There are pros and cons to the different types of collars, but the large advantage to VHF collars is battery life and thus the useful life of the collar. As a result we mainly use VHF collars because we can track an individual red wolf for up to 6 years or more from one capture. Although GPS collars can give very detailed location data, the battery life is typically only a year to two years, meaning to track the same animal you would need to capture it multiple times over the course of their life, which gets increasingly difficult with each capture as they become more savvy at avoiding traps. We currently have 20 red wolves with VHF collars, and 1 with a GPS collar belonging to the State of North Carolina. The cost of the collars ranges from a couple hundred dollars for a standard VHF collar to over a thousand dollars and up for GPS collars depending on the features.

In addition to the collar simply being government property, there are a few other reasons why we request people return them. One is that depending on the time frame since it was deployed, the collar may still have sufficient battery life to be redeployed on a different red wolf. Another reason is that the cost of refurbishing a collar is typically cheaper than purchasing a new collar. Lastly, it allows us to more accurately track the fate of individual red wolves since if the collar is returned we would know that wolf is no longer on the landscape, and have more accurate data such as cause, location and date of the mortality.

Thanks,

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

Sarah Watts <sarah.watts@ncwf.org>

From: Sarah Watts <sarah.watts@ncwf.org>
Sent: Wed Aug 29 2018 09:56:04 GMT-0600 (MDT)
To: "Madison, Joseph" <joseph_madison@fws.gov>
Subject: [EXTERNAL] Re: Basic Telemetry Info

Thank you for the information. Have a great rest of the day! :) - Sarah

On Wed, Aug 29, 2018 at 11:09 AM, Madison, Joseph <joseph_madison@fws.gov> wrote:
Here's what I mentioned yesterday about the collars. It may not be very informative for what you are after. Let me know if you have any questions.

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wolves since if the collar is returned we would know that wolf is no longer on the landscape, and have more accurate data such as cause, location and date of the mortality.

Thanks,

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

--

Sarah E. Watts

Refuge Volunteer & Program Coordinator
North Carolina Wildlife Federation
(252) 796-3004 ext 222
sarah.watts@ncwf.org
Learn more about us at: www.ncwf.org

"In all of nature there is something of the Marvelous" - Aristotle

Label: "FOIA FWS-2019-00455"

Created by:shaun_olson@fws.gov

Total Messages in label:62 (32 conversations)

Created: 06-13-2019 at 07:04 AM

Conversation Contents

Friday's captures

Attachments:

/27. Friday's captures/1.1 Friday Captures.pdf

"Olson, Shaun" <shaun_olson@fws.gov>

From: "Olson, Shaun" <shaun_olson@fws.gov>
Sent: Mon Feb 26 2018 06:39:05 GMT-0700 (MST)
To: Ryan Nordsven <ryan_nordsven@fws.gov>
Subject: Friday's captures
Attachments: Friday Captures.pdf

Hey,

Here is where the collared coyotes were captured. I released them on Weyerhaeuser property just to the west of the canal.

--

Shaun Olson
Biological Science Technician
Eastern North Carolina Ecological Services Sub-Office

U.S. Fish & Wildlife Service
P.O. Box 1969
Manteo, NC 27954
Phone: (252) 473-1132 ext. 241
Cell: (252) 475-8352
Email: shaun_olson@fws.gov

"We are a way for the Cosmos to know itself."

Label: "FOIA 20190531"

Created by:ryan_nordsven@fws.gov

Total Messages in label:255 (70 conversations)

Created: 06-12-2019 at 13:15 PM

Conversation Contents

Fwd: [EXTERNAL] [nctws_distribution] Fwd: Job Offering: Canid Project Trapping Technician

Attachments:

/27. Fwd: [EXTERNAL] [nctws_distribution] Fwd: Job Offering: Canid Project Trapping Technician/1.1 image002.png
/27. Fwd: [EXTERNAL] [nctws_distribution] Fwd: Job Offering: Canid Project Trapping Technician/1.2 image003.png
/27. Fwd: [EXTERNAL] [nctws_distribution] Fwd: Job Offering: Canid Project Trapping Technician/1.3 image001.png
/27. Fwd: [EXTERNAL] [nctws_distribution] Fwd: Job Offering: Canid Project Trapping Technician/1.4 image004.png
/27. Fwd: [EXTERNAL] [nctws_distribution] Fwd: Job Offering: Canid Project Trapping Technician/1.5 ATT00001
/27. Fwd: [EXTERNAL] [nctws_distribution] Fwd: Job Offering: Canid Project Trapping Technician/1.6 AP Canid Project Tech Position - Final.pdf

"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Mon Oct 15 2018 07:42:42 GMT-0600 (MDT)
To: Ryan Nordsven <ryan_nordsven@fws.gov>, Shaun Olson <shaun_olson@fws.gov>, "Morse, Michael" <michael_l_morse@fws.gov>
Subject: Fwd: [EXTERNAL] [nctws_distribution] Fwd: Job Offering: Canid Project Trapping Technician
Attachments: image002.png image003.png image001.png image004.png ATT00001 AP Canid Project Tech Position - Final.pdf

FYI

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

----- Forwarded message -----

From: Stanton, John <john_stanton@fws.gov>
Date: Mon, Oct 15, 2018 at 6:56 AM
Subject: Fwd: [EXTERNAL] [nctws_distribution] Fwd: Job Offering: Canid Project Trapping Technician

To: Pete Benjamin <pete_benjamin@fws.gov>, Joseph Madison <joseph_madison@fws.gov>, Kendall Smith <kendall_smith@fws.gov>

FYI.

----- Forwarded message -----

From: **Wildlifer O. via nctws_distribution** <nctws_distribution@nctws.org>

Date: Sun, Oct 14, 2018 at 4:36 PM

Subject: [EXTERNAL] [nctws_distribution] Fwd: Job Offering: Canid Project Trapping Technician

To: "nctws_distribu." <nctws_distribution@nctws.org>

Good morning,

Attached you'll find a description for a 3-month trapping technician position that is being offered with North Carolina Wildlife Resources Commission, starting in December.

Interested candidates should email a current CV and cover letter in one document, with a file name including their last name and the position title (e.g. LastName_CanidTrappingTech_2018), to andrea.shipley@ncwildlife.org.

Please let me know if you have any questions and feel free to distribute to your networks as appropriate.

Best,

Andrea

Andrea J. Shipley

Mammalogist, Wildlife Diversity Program

NC Wildlife Resources Commission

Mailing Address: PO Box 209

Castalia, North Carolina 27816

office: 919-495-4001

mobile: 919-208-9200

ncwildlife.org

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ico	ico	ico	ico

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--

nctws_distribution mailing list

nctws_distribution@nctws.org

http://nctws.org/mailman/listinfo/nctws_distribution_nctws.org

--

John Stanton

U.S. Fish and Wildlife Service

North Carolina Migratory Bird Field Office

155A LA Keiser Drive

Columbia, NC 27925

252.796.2400 office

252.473.0219 cell

252.796-2403 fax

<http://www.fws.gov/columbiawildlife/>

<https://www.fws.gov/southeast/birds/migratory-birds/>

Label: "FOIA FWS-2019-00455"

Created by:shaun_olson@fws.gov

Total Messages in label:62 (32 conversations)

Created: 06-13-2019 at 07:04 AM

Conversation Contents

Animal at REC

Attachments:

/28. Animal at REC/1.1 Sterile male.pdf

"Olson, Shaun" <shaun_olson@fws.gov>

From: "Olson, Shaun" <shaun_olson@fws.gov>
Sent: Mon Feb 26 2018 06:23:30 GMT-0700 (MST)
To: Ryan Nordsven <ryan_nordsven@fws.gov>
Subject: Animal at REC
Attachments: Sterile male.pdf

Hey,

The sterile male was captured just west of Pungo lake. See map. I don't have the exact location, the pin is close enough, but I figure you can release him on the refuge

--

Shaun Olson
Biological Science Technician
Eastern North Carolina Ecological Services Sub-Office

U.S. Fish & Wildlife Service
P.O. Box 1969
Manteo, NC 27954
Phone: (252) 473-1132 ext. 241
Cell: (252) 475-8352
Email: shaun_olson@fws.gov

"We are a way for the Cosmos to know itself."

Label: "Mar 2019 FOIA/Trapping"

Created by: joseph_madison@fws.gov

Total Messages in label: 271 (48 conversations)

Created: 05-31-2019 at 11:58 AM

Conversation Contents

Radio-collaring Pups

"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Wed Aug 15 2018 13:30:36 GMT-0600 (MDT)
To: Maggie Dwire <maggie_dwire@fws.gov>
Subject: Radio-collaring Pups

Maggie,

I don't think we've directly interacted yet, although I've heard your name a time or two when talking to Becky (in a good way) and I've see your name on documents, but I manage the Red Wolf Recovery Program in here North Carolina.

I wanted to touch base with you because I heard someone at the red wolf SSP meeting a few weeks ago mention that the Mexican wolf program had radio-collared pups that were still pretty young, as in weeks old still in the den. I collared relatively young gray wolves many, many years ago when they were about 4 months old using foam padding with varying success, but I hadn't heard of being able to collar small pups. I wanted to check with you to see if that is an accurate depiction of what occurred and to get specifics on what type of collar was used, at what age it was deployed and if it has been successful to this point.

Thanks,

Joe Madison
Red Wolf Recovery Program
Assistant Field Supervisor for
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

Maggie Dwire <maggie_dwire@fws.gov>

From: Maggie Dwire <maggie_dwire@fws.gov>
Sent: Thu Aug 16 2018 09:04:11 GMT-0600 (MDT)
To: joseph_madison@fws.gov
Subject: Re: Radio-collaring Pups

Hi,

I have similarly heard and seen your name. Nice to "meet" you.

Like you, we tend to radio collar young of the year beginning in mid-late August and utilizing foam padding. We have tested expandable collars on pups in captivity. The model we've had success with is M4200 from ATS (<https://atstrack.com/tracking-products/transmitters/product-transmitters.aspx?serie=M4200>).

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joseph_madison@fws.gov

--

Maggie Dwire
Assistant Mexican Wolf Recovery Coordinator
U.S. Fish and Wildlife Service
2105 Osuna Road NE
Albuquerque, NM 87113
Ph (505) 761-4783

"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Thu Aug 16 2018 14:33:12 GMT-0600 (MDT)
Ryan Nordsven <ryan_nordsven@fws.gov>, "Morse, Michael"
<michael_l_morse@fws.gov>, Shaun Olson
To: <shaun_olson@fws.gov>, Pete Benjamin
<pete_benjamin@fws.gov>
Subject: Fwd: Radio-collaring Pups

This is just for information sake at this point, but this might be something to think about, both from a testing them in captivity standpoint and perhaps deploying them in the field, particularly if shooting a collared animal was against the rule. I recognize that this goes against what we have done in the past with collaring and kind of requires a different mindset, but we need to keep thinking of new and/or different ways to go about things. These collars can be as light as 68 grams and have a battery life of around 3 years, both of those specs kind of blow my mind honestly.

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Food for thought.

Joe Madison
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joseph_madison@fws.gov

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From: **Maggie Dwire** <maggie_dwire@fws.gov>
Date: Thu, Aug 16, 2018 at 11:04 AM
Subject: Re: Radio-collaring Pups
To: joseph_madison@fws.gov

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--

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U.S. Fish and Wildlife Service
[2105 Osuna Road NE](#)
[Albuquerque, NM 87113](#)
[Ph \(505\) 761-4783](#)

"Benjamin, Pete" <pete_benjamin@fws.gov>

From: "Benjamin, Pete" <pete_benjamin@fws.gov>
Sent: Thu Aug 16 2018 14:46:18 GMT-0600 (MDT)
To: "Madison, Joseph" <joseph_madison@fws.gov>
Subject: Re: Radio-collaring Pups

Very interesting.

Pete Benjamin
Field Supervisor
Raleigh ES Field Office

U.S. Fish and Wildlife Service
551F Pylon Drive
Raleigh, NC 27606
Office: (919) 856-4520 x 11
Mobile: (919) 816-6408

NOTE: This email correspondence and any attachments to and from this sender are subject to the Freedom of Information Act (FOIA) and may be disclosed to third parties.

On Thu, Aug 16, 2018 at 4:33 PM, Madison, Joseph <joseph_madison@fws.gov> wrote:

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"Benjamin, Pete" <pete_benjamin@fws.gov>

From: "Benjamin, Pete" <pete_benjamin@fws.gov>
Sent: Thu Aug 16 2018 14:47:14 GMT-0600 (MDT)
To: "Madison, Joseph" <joseph_madison@fws.gov>
CC: Ryan Nordsven <ryan_nordsven@fws.gov>, "Morse, Michael" <michael_l_morse@fws.gov>, Shaun Olson <shaun_olson@fws.gov>
Subject: Re: Radio-collaring Pups

That's the collar they were showing us when we had the joint red wolf/mex. wolf SSP meeting 2 years ago.

Pete Benjamin
Field Supervisor
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[2105 Osuna Road NE](mailto:2105_Osuna_Road_NE_Albuquerque_NM_87113)
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"Morse, Michael" <michael_l_morse@fws.gov>

From: "Morse, Michael" <michael_l_morse@fws.gov>
Sent: Fri Aug 17 2018 07:21:06 GMT-0600 (MDT)
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CC: "Madison, Joseph" <joseph_madison@fws.gov>, Ryan Nordsven <ryan_nordsven@fws.gov>, Shaun Olson <shaun_olson@fws.gov>
Subject: Re: Radio-collaring Pups

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[Raleigh, NC 27606](#)
[Office: \(919\) 856-4520 x 11](#)
Mobile: (919) 816-6408

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Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

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To: joseph_madison@fws.gov

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Cell#: **(252) 475-8350**

Joseph Madison <joseph_madison@fws.gov>

From: Joseph Madison <joseph_madison@fws.gov>
Sent: Fri Aug 17 2018 07:40:02 GMT-0600 (MDT)
To: "Morse, Michael" <michael_l_morse@fws.gov>
CC: "Benjamin, Pete" <pete_benjamin@fws.gov>, Ryan Nordsven <ryan_nordsven@fws.gov>, Shaun Olson <shaun_olson@fws.gov>
Subject: Re: Radio-collaring Pups

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"Morse, Michael" <michael_l_morse@fws.gov>

From: "Morse, Michael" <michael_l_morse@fws.gov>
Sent: Fri Aug 17 2018 08:26:49 GMT-0600 (MDT)
To: Joseph Madison <joseph_madison@fws.gov>
Subject: Re: Radio-collaring Pups

I missed the 6 - "just because" collars removed at 10 months (still curious if there was no reason they were removed). And I agree that a 50% success rate isn't bad. Enjoy the day! Thanks,

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Label: "Mar 2019 FOIA/Trapping"

Created by: joseph_madison@fws.gov

Total Messages in label: 271 (48 conversations)

Created: 05-31-2019 at 11:58 AM

Conversation Contents

Fwd: [EXTERNAL] Re: Red Wolf Foster Paper Published

Attachments:

/29. Fwd: [EXTERNAL] Re: Red Wolf Foster Paper Published/1.1 Gese_Crossfoster.pdf
/29. Fwd: [EXTERNAL] Re: Red Wolf Foster Paper Published/2.1 Gese_Crossfoster.pdf
/29. Fwd: [EXTERNAL] Re: Red Wolf Foster Paper Published/3.1 Gese_Crossfoster.pdf

"Weller, Emily" <emily_weller@fws.gov>

From: "Weller, Emily" <emily_weller@fws.gov>
Sent: Wed Aug 01 2018 10:49:14 GMT-0600 (MDT)
Leopoldo Miranda <leopoldo_miranda@fws.gov>, Aaron Valenta <aaron_valenta@fws.gov>, Michelle Eversen <michelle_eversen@fws.gov>, Pete Benjamin <pete_benjamin@fws.gov>, "Madison, Joseph" <joseph_madison@fws.gov>
To:
Subject: Fwd: [EXTERNAL] Re: Red Wolf Foster Paper Published
Attachments: Gese_Crossfoster.pdf

FYI - I apologize for any duplication

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Date: Wed, Aug 1, 2018 at 10:54 AM
Subject: [EXTERNAL] Re: Red Wolf Foster Paper Published
To: Abby Aspee <earthbeats12@gmail.com>, Andrew Austin <andrewa@tacomaparks.com>, Angie Blommer <ablommer@gpzoo.org>, Animal Department <animals@tallahasseeemuseum.org>, Ben Roberts <broberts@chehaw.org>, Bob Pendergrass <Bob.Pendergrass@rowancountync.gov>, Carmen Murach <Murach_CD@co.brown.wi.us>, "Lasher, Chris" <chris.lasher@nczoo.org>, Christina Sheehan <csheehan@rossparkzoo.com>, Craig Standridge <Craig.Standridge@pdza.org>, "Boehm, Dan" <dboehm@lpzoo.org>, Dan Meates <danmeates@ongov.net>, Dave Wetzel <dlwetzel@jacksonzoo.org>, "DEPEW, Kyleen" <KDepew@millbrook.org>, Eric Albers <eralbers@akronzoo.org>, Erik Wilber <ErikW@wolfhaven.org>, Ford Mauney <ford_mauney@fws.gov>, George Mathews <george.mathews@thevlm.org>, Ian Shelley <ishelley@ci.salisbury.md.us>, Jackie Peeler <jpeeler@rossparkzoo.com>, Jason Ahistus <JasonA@fossilrim.org>, Jennifer Donovan <Jennifer.Donovan@pdza.org>, Jessica Lench Porter <jporter@niabizoo.com>, Jillian DeLorge-Davis <ctlandingaf@scprt.com>, John <jmpollpeter@hotmail.com>, John Ward <Jward@fortworthzoo.org>, John Wright <jwright@springfieldparks.org>, Kadie Anderson <Kadie.Anderson@pdza.org>, Karen Goodrowe <Karen.Goodrowe@pdza.org>, Karen Wolf <Karen.Wolf@pdza.org>, Kathy Long <kathy.long@thevlm.org>, Kelly Cox <kcox@zooknoxville.org>, Kim Wheeler <kwheeler@redwolves.com>, Laura Pearson <Lpearson@ashevillenc.gov>, Linda Tomas <ltomas@beardsleyzoo.org>, Lisa Faust <LFaust@lpzoo.org>, "Laskoski, Lisa" <Lisa.Laskoski@cityofalex.com>, Lisa Ranck <lisa.ranck@pdza.org>, Maggie Howell <maggie@nywolf.org>, Mark MacAllister <mark@redtailhawk.us>, Michael Stoskopf <michael_stoskopf@ncsu.edu>, Michelle Smurl <msmurl@brevardzoo.org>, Mike Jones <mjones@tallahasseeemuseum.org>, Mike Magaw

<mmagaw@texaszoo.org>, Molly Lippincott <Molly.Lippincott@lowryparkzoo.org>, Natalie Davis <Natalie.Davis@pdza.org>, Nicole Presley <NPresley@fresnochaffeezoo.org>, "Songsasen, Nucharin" <SongsasenN@si.edu>, Paul Povey <Paul.Povey@pdza.org>, Peggy Callahan <peggy@wildlifesciencecenter.org>, Rebecca Bose <Rebecca@nywolf.org>, Regina Mossotti <rmossotti@endangeredwolfcenter.org>, Rich Johnson <Rich.Johnson@pdza.org>, Robin Lentz <rlentz@mmzoo.org>, Sarah Long <sarah.terese.long@gmail.com>, Sherry Samuels <Sherry.Samuels@lifeandscience.org>, Steven Ok <Steven.Ok@pdza.org>, Sue Behrns <Sue.Behrns@pdza.org>, Tim French <tfrench@rwpzoo.org>, Tish Gailmard <tgailmard@reflectionriding.org>, "Fowler, Tricia" <Tricia.Fowler@dep.state.fl.us>, Wendy Spencer <wendy@wolfhaven.org>, William Waddell <william.waddell@pdza.org>, Thomas Risch <trisch@astate.edu>, Tracy Klotz <tklotz@astate.edu>, Suzanne Agan <sagan@antioch.edu>, "Toivonen, Lauren . (MU-Student)" <lkt895@mail.missouri.edu>, "Gompper, Matthew E." <gompper@missouri.edu>, Katy Palfrey <kpalfrey@conservationcenters.org>, Virgil VanTrease <vvsvt@sbcglobal.net>, Brian Chrysler <bchrysler@endangeredwolfcenter.org>, "Weller, Emily" <emily_weller@fws.gov>, Karen Bauman <kbauman@stlzoo.org>, Pete Benjamin <pete_benjamin@fws.gov>, Rachel Guthrie <americanwolffoundation@gmail.com>, "Wildt, David" <WildtD@si.edu>, Virginia Busch <vbusch@endangeredwolfcenter.org>, Danielle Rosenstein <drosenstein@endangeredwolfcenter.org>, Ashley Rearden <aRearden@brevardzoo.org>, "Goff, Don" <dgoft@beardsleyzoo.org>, "Altrui, Susan E." <SAltrui@littlerock.gov>, Jeff Hankins <jhankins@asusystem.edu>, Steve Olson <solson@aza.org>, Lizz Etzkorn <lizzietzkorn@gmail.com>

See if the attachment goes through this time... 😊

On Wed, Aug 1, 2018 at 10:52 AM, Regina M <rmossotti@endangeredwolfcenter.org> wrote:
Congrats to all on this paper!

Regina

--

Regina H. Mossotti

Director of Animal Care and Conservation
Endangered Wolf Center*
6750 Tyson Valley Road
Eureka, MO 63025
Phone: (636) 938-5900
rmossotti@endangeredwolfcenter.org

Vice Coordinator Red Wolf Species Survival Plan
Mexican Wolf SSP Management Group Member (Foster Advisor)
African Painted Dog SSP Management Group Member
AZA Annual Conference Program Committee Member
Conservation Centers for Species Survival (C2S2) Advisor

"In the end we will conserve only what we love, we will love only what we understand, and we will understand only what we are taught." -Baba Dioum

The Endangered Wolf Center* (EWC) is a non-profit, whose mission is to preserve and protect Mexican wolves, red wolves and other wild canid species, with purpose and passion, through carefully managed breeding, reintroduction, research and inspiring education programs. The EWC is certified by the Association of Zoos & Aquariums (AZA) and is a member of Conservation Centers for Species Survival (C2S2). Learn more at www.endangeredwolfcenter.org.

*(formerly the Wild Canid Survival and Research Center)

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Emily Bizwell Weller
Division of Conservation and Classification
Fish and Wildlife Service
646 Cajundome Blvd., Suite 400
Lafayette, LA 70506
337-291-3090
337-291-3139 (Fax)
emily_weller@fws.gov

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"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Wed Aug 01 2018 10:53:29 GMT-0600 (MDT)
To: Ryan Nordsven <ryan_nordsven@fws.gov>, "Morse, Michael" <michael_l_morse@fws.gov>, Shaun Olson <shaun_olson@fws.gov>
Subject: Fwd: [EXTERNAL] Re: Red Wolf Foster Paper Published
Attachments: Gese_Crossfoster.pdf

Newly published research paper on cross fostering.

Joe Madison
Assistant Field Supervisor
Red Wolf Recovery Program
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

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"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Wed Aug 01 2018 10:55:02 GMT-0600 (MDT)
To: "Harrison, Rebecca" <rebecca_harrison@fws.gov>
Subject: Fwd: [EXTERNAL] Re: Red Wolf Foster Paper Published

Attachments: Gese_Crossfoster.pdf

The SSP just sent out the published version of the paper you mentioned to me yesterday.

Joe Madison
Assistant Field Supervisor
Red Wolf Recovery Program
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

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Regina

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Label: "Mar 2019 FOIA/Trapping"

Created by: joseph_madison@fws.gov

Total Messages in label: 271 (48 conversations)

Created: 05-31-2019 at 11:59 AM

Conversation Contents

"Nordsven, Ryan" <ryan_nordsven@fws.gov>

From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Sent: Thu May 31 2018 07:56:34 GMT-0600 (MDT)
To: Joseph Madison <joseph_madison@fws.gov>
Subject:

Joe,

In addition to what I've sent you already and what Michael has gotten to you I'm not sure if there is a lot more documented information available. We have conducted ground telemetry during times when we weren't getting regular flights (only on the Milltail pack) and during whelping season but don't have any documentation of that. Also, I did take Andrea and her tech looking for dens a couple of times but found nothing so there is no documentation of that. We do have documentation of the Northern litter but that is the only one we found this year. I believe Art has that processing sheet if you need it. Beyond that all I can think of is our trapping efforts which it sounds like you have already, responding to complaints and calls which it sounds like you have, and recovering dead wolves which is all on the google drive. Let me know if you think of anything else you need at this time otherwise we're going to head to Sandy Ridge to check on the injured wolf.

--

Ryan Nordsven
Wildlife Biologist
US Fish & Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 x 244
Cell: (252) 475-8353

"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Thu May 31 2018 07:59:39 GMT-0600 (MDT)
To: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Subject: Re:

I think I have enough for the response and we will dig deeper for additional documentation only if it is requested.

I hope it goes well at Sandy Ridge

Joe Madison
Assistant Field Supervisor
Eastern North Carolina Ecological Services Sub-Office

U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

On Thu, May 31, 2018 at 9:56 AM, Nordsven, Ryan <ryan_nordsven@fws.gov> wrote:

Joe,

In addition to what I've sent you already and what Michael has gotten to you I'm not sure if there is a lot more documented information available. We have conducted ground telemetry during times when we weren't getting regular flights (only on the Milltail pack) and during whelping season but don't have any documentation of that. Also, I did take Andrea and her tech looking for dens a couple of times but found nothing so there is no documentation of that. We do have documentation of the Northern litter but that is the only one we found this year. I believe Art has that processing sheet if you need it. Beyond that all I can think of is our trapping efforts which it sounds like you have already, responding to complaints and calls which it sounds like you have, and recovering dead wolves which is all on the google drive. Let me know if you think of anything else you need at this time otherwise we're going to head to Sandy Ridge to check on the injured wolf.

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Ryan Nordsven
Wildlife Biologist
US Fish & Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 x 244
Cell: (252) 475-8353

Label: "FOIA FWS-2019-00455"

Created by:shaun_olson@fws.gov

Total Messages in label:62 (32 conversations)

Created: 06-13-2019 at 07:04 AM

Conversation Contents

Sub-Office Meeting

"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Thu Feb 22 2018 12:58:02 GMT-0700 (MST)
To: Shaun Olson <shaun_olson@fws.gov>, Ryan Nordsven <ryan_nordsven@fws.gov>, "Morse, Michael" <michael_l_morse@fws.gov>
Subject: Sub-Office Meeting

All,

I'd like to meet after we have all returned from leave, training, etc. sort of as a debrief and a discussion on what's next. It looks like the first day everyone is back in the office is March 5th. Unless there is a conflict I am unaware of, let's plan on meeting at 1 pm that day. Potential items to discuss include, but are not limited to:

- 10(j) status update
- Where we stand on collared red wolves
- The disposition of the two individuals in limbo
- Discussions on possible solutions for Milltail Pack regarding future breeding due to apparent circumstances of the breeding male
- St. Vincent with respect to the aging breeding male
- Anything that comes up between now and then.

Thanks,

Joe Madison
Assistant Field Supervisor
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

Label: "Mar 2019 FOIA/Trapping"

Created by: joseph_madison@fws.gov

Total Messages in label: 271 (48 conversations)

Created: 05-31-2019 at 11:59 AM

Conversation Contents

Update for Mattamuskeet Ventures depredation permit trapping permit

"Morse, Michael" <michael_l_morse@fws.gov>

From: "Morse, Michael" <michael_l_morse@fws.gov>
Sent: Mon Apr 30 2018 09:43:00 GMT-0600 (MDT)
To: Joseph Madison <joseph_madison@fws.gov>
CC: Rebekah Martin <rebekah_p_martin@fws.gov>
Subject: Update for Mattamuskeet Ventures depredation permit trapping permit

Joe,

As of last Friday, 4/23/18, the two trappers (David Denton & Terry Marsh) had caught 10 coyotes (6 males / 4 females) over the 20,000 acres they have been setting traps on at Matt. Ventures and adjacent lands to the SW. In addition, I received a call from trapper David Denton to report they had captured a red wolf Friday (4/23/18) morning. I drove to Ventures and took possession of an un-collared and un-chipped young male that looks to me, to be a one year-old, red wolf. After processing and collaring with one of our new, conventional VHF, 500gm. orange, radio-collars, I released the animal in good health, back onto Mattamuskeet Ventures, as per direction of the pending, federal court injunction. We will begin radio-tracking this individual during the next telemetry flight.

As of yesterday (4/29/18) the two trappers pulled their trapline on Matt. Ventures and reported to me that they had captured a total of 14 coyotes (7 males / 7 females) over the two-week period. David Denton said that upon gross analysis, only one of the females had whelped this season and only two of the 15 coyotes looked to be "older animals".

In addition to the one red wolf and 14 coyotes captured, a second female animal was captured on Sunday (4/29/18) morning as the trap line was being pulled. Upon inspection and processing the animal, we believe it is a young wolf. Due to its body weight being below our 45# cut-off for a 500gm., orange-belted radio collar, we collared it with a 400gm, black-belted, conventional VHF radio-collar and released the animal in good health, back onto Mattamuskeet Ventures, as per direction of the pending, federal court injunction.

Total canid captures for the two week trapping period (4/16-29/2018): [14 coyotes (7M / 7F) & 2 red wolves (1M / 1F)]

Thank you.

--

Michael L. Morse
Wildlife Biologist, USFWS
ENC ES Sub-Field Office
100 Conservation Way, PO Box 1969
Manteo, NC 27954
Work: (252) 473-1131, ext. 242
Cell#: (252) 475-8350

"Morse, Michael" <michael_l_morse@fws.gov>

From: "Morse, Michael" <michael_l_morse@fws.gov>
Sent: Mon Apr 30 2018 13:28:01 GMT-0600 (MDT)
To: Joseph Madison <joseph_madison@fws.gov>
CC: Rebekah Martin <rebekah_p_martin@fws.gov>
Subject: Re: Update for Mattamuskeet Ventures depredation permit trapping permit

Correction: The 14 animal number is a total number of all canis. So the correct breakdown is: [12 coyotes (6M / 6F) & 2 red wolves (1M / 1F)]. Sorry for any confusion.

Thank you,

Michael

On Mon, Apr 30, 2018 at 11:43 AM, Morse, Michael <michael_l_morse@fws.gov> wrote:

Joe,

As of last Friday, 4/23/18, the two trappers (David Denton & Terry Marsh) had caught 10 coyotes (6 males / 4 females) over the 20,000 acres they have been setting traps on at Matt. Ventures and adjacent lands to the SW. In addition, I received a call from trapper David Denton to report they had captured a red wolf Friday (4/23/18) morning. I drove to Ventures and took possession of an un-collared and un-chipped young male that looks to me, to be a one year-old, red wolf. After processing and collaring with one of our new, conventional VHF, 500gm. orange, radio-collars, I released the animal in good health, back onto Mattamuskeet Ventures, as per direction of the pending, federal court injunction. We will begin radio-tracking this individual during the next telemetry flight.

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Thank you.

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Wildlife Biologist, USFWS
ENC ES Sub-Field Office
100 Conservation Way, PO Box 1969

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Cell#: **(252) 475-8350**

Label: "Mar 2019 FOIA/Trapping"

Created by: joseph_madison@fws.gov

Total Messages in label: 271 (48 conversations)

Created: 05-31-2019 at 12:01 PM

Conversation Contents

[EXTERNAL] coyote depredation permit

Attachments:

/32. [EXTERNAL] coyote depredation permit/1.1 image001.png
/32. [EXTERNAL] coyote depredation permit/1.2 image002.png
/32. [EXTERNAL] coyote depredation permit/1.3 image003.png
/32. [EXTERNAL] coyote depredation permit/1.4 image004.png
/32. [EXTERNAL] coyote depredation permit/1.5 Mattamuskeet Ventures SIGNED-Coyote Depredation Permit Map - 2018_Redacted.pdf
/32. [EXTERNAL] coyote depredation permit/2.1 image001.png
/32. [EXTERNAL] coyote depredation permit/2.2 image002.png
/32. [EXTERNAL] coyote depredation permit/2.3 image003.png
/32. [EXTERNAL] coyote depredation permit/2.4 image004.png
/32. [EXTERNAL] coyote depredation permit/2.5 Mattamuskeet Ventures SIGNED-Coyote Depredation Permit Map - 2018_Redacted.pdf

"Cobb, David T." <david.cobb@ncwildlife.org>

From: "Cobb, David T." <david.cobb@ncwildlife.org>
Sent: Wed Apr 18 2018 14:48:22 GMT-0600 (MDT)
To: "Morse, Michael" <michael_l_morse@fws.gov>
Joseph Madison <joseph_madison@fws.gov>, "Myers, Gordon S." <gordon.myers@ncwildlife.org>, "Briggs, M. Kyle" <kyle.briggs@ncwildlife.org>, "Boynton, Allen" <allen.boynton@ncwildlife.org>
CC:
Subject: [EXTERNAL] coyote depredation permit
image001.png image002.png image003.png image004.png
Attachments: Mattamuskeet Ventures SIGNED-Coyote Depredation Permit Map - 2018_Redacted.pdf

Michael,

Per your request by email earlier today, I have attached the coyote depredation permit for Mattamuskeet Ventures.

David

David T. Cobb, Ph.D.
Certified Wildlife Biologist
National Conservation Leadership Institute Fellow

Chief, Wildlife Management Division
N.C. Wildlife Resources Commission
1722 Mail Service Center
Raleigh, NC 27699-1722



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"Morse, Michael" <michael_i_morse@fws.gov>

From: "Morse, Michael" <michael_i_morse@fws.gov>
Sent: Thu Apr 19 2018 08:17:23 GMT-0600 (MDT)
To: Joseph Madison <joseph_madison@fws.gov>, "Benjamin, Pete" <pete_benjamin@fws.gov>, Michelle Eversen <michelle_eversen@fws.gov>
Subject: Fwd: [EXTERNAL] coyote depredation permit
Attachments: image001.png image002.png image003.png image004.png
Mattamuskeet Ventures SIGNED-Coyote Depredation Permit Map - 2018_Redacted.pdf

Joe,

For your review. I was able to request, and receive a copy of the current depredation permit for ongoing coyote trapping on Mattamuskeet Ventures from Dr. David Cobb (NCWRC). It is valid for the dates of: 4/1/2018 - 5/30/2018. When I asked how a depredation permit could be issued in the absence of any depredation, I was told a permit could be issued for the instance of an "overpopulation"; and that the WRC sees any coyote as an overpopulation.

After reviewing the permit, I have an issue with the third bullet: "any red wolf captured must be reported immediately to the WRC [or] the FWS".

This should read: any red wolf captured (radio-collared or not) must be reported immediately and turned over to the USFWS at (252) 473-1131.

Also, the Service must request from the WRC that we are informed before any depredation permits are issued to private land owners for trapping activities in the 5-county, red wolf NEP. This current permit request first went to the WRC last September, so there was plenty of time to discuss it with the Service if given the opportunity.

Thank you.

----- Forwarded message -----
From: **Cobb, David T.** <david.cobb@ncwildlife.org>
Date: Wed, Apr 18, 2018 at 4:48 PM
Subject: [EXTERNAL] coyote depredation permit
To: "Morse, Michael" <michael_i_morse@fws.gov>

Cc: Joseph Madison <joseph_madison@fws.gov>, "Myers, Gordon S." <gordon.myers@ncwildlife.org>, "Briggs, M. Kyle" <kyle.briggs@ncwildlife.org>, "Boynton, Allen" <allen.boynton@ncwildlife.org>

Michael,

Per your request by email earlier today, I have attached the coyote depredation permit for Mattamuskeet Ventures.

David

David T. Cobb, Ph.D.
Certified Wildlife Biologist
National Conservation Leadership Institute Fellow

Chief, Wildlife Management Division
N.C. Wildlife Resources Commission
1722 Mail Service Center
Raleigh, NC 27699-1722
919.707.0051
ncwildlife.org



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--
Michael L. Morse
Wildlife Biologist, USFWS
ENC ES Sub-Field Office
100 Conservation Way, PO Box 1969
Manteo, NC 27954
Work: (252) 473-1131, ext. 242
Cell#: **(252) 475-8350**

Label: "Mar 2019 FOIA/Trapping"

Created by: joseph_madison@fws.gov

Total Messages in label: 271 (48 conversations)

Created: 05-31-2019 at 12:02 PM

Conversation Contents

Re: notes from workshop

Attachments:

/33. Re: notes from workshop/1.1 image004.png
/33. Re: notes from workshop/1.2 image001.png
/33. Re: notes from workshop/1.3 image003.png
/33. Re: notes from workshop/1.4 image002.png

"Morse, Michael" <michael_l_morse@fws.gov>

From: "Morse, Michael" <michael_l_morse@fws.gov>
Sent: Wed Apr 18 2018 09:33:43 GMT-0600 (MDT)
To: "Cobb, David T." <david.cobb@ncwildlife.org>
CC: Joseph Madison <joseph_madison@fws.gov>, "Benjamin, Pete" <pete_benjamin@fws.gov>
Subject: Re: notes from workshop
Attachments: image004.png image001.png image003.png image002.png

Good Morning David,
I received a call from David Denton on Monday to let me know he and another private trapper were setting traps on Mattamuskeet Ventures and surrounding lands using a Commission issued depredation permit. Could you send me a copy of the depredation permit for our records please? Thank you David.

Regards,

On Tue, May 31, 2016 at 5:21 PM, Cobb, David T. <david.cobb@ncwildlife.org> wrote:

Gordon and Kyle,

As we discussed, attached are my overall conclusions from the red wolf workshop last week. There are myriad details regarding these points that will be in the final report. Let me know if there are wquestions. Again, I appreciate the opportunity to participate.

David

David T. Cobb, Ph.D.

Certified Wildlife Biologist

National Conservation Leadership Institute Fellow

Chief, Wildlife Management Division

N.C. Wildlife Resources Commission

1722 Mail Service Center

Raleigh, NC 27699-1722

919.707.0051

ncwildlife.org



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--
Michael L. Morse
Wildlife Biologist, USFWS
ENC ES Sub-Field Office
100 Conservation Way, PO Box 1969
Manteo, NC 27954
Work: (252) 473-1131, ext. 242
Cell#: **(252) 475-8350**

Label: "Mar 2019 FOIA/Trapping"

Created by: joseph_madison@fws.gov

Total Messages in label: 271 (48 conversations)

Created: 05-31-2019 at 12:02 PM

Conversation Contents

Dare Bombing Range Trapping

"Nordsven, Ryan" <ryan_nordsven@fws.gov>

From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Sent: Wed Apr 04 2018 10:02:35 GMT-0600 (MDT)
To: Joseph Madison <joseph_madison@fws.gov>
Subject: Dare Bombing Range Trapping

I found the regulations regarding trapping on NC gamelands. There doesn't appear to be any restrictions on DBR other than the areas that are considered safety zones:

(g) Trapping. Subject to the restrictions contained in 15A NCAC 10B .0110, .0302, and .0303, trapping of furbearing animals is permitted on game lands during the applicable open seasons, except that trapping is prohibited:

- (1) on the field trial course of the Sandhills Game Land;
- (2) in posted "safety zones" located on any game land;
- (3) by the use of bait on the National Forest Lands bounded by the Blue Ridge Parkway on the south, US 276 on the north and east, and NC 215 on the west;
- (4) on the John's River Waterfowl Refuge in Burke County; and
- (5) on the DuPont State Forest Game Lands.

On those areas of state-owned land known collectively as the Roanoke River Wetlands, controlled trapping is allowed under a permit system.

--

Ryan Nordsven
Wildlife Biologist
US Fish & Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 x 244
Cell: (252) 475-8353

Label: "Mar 2019 FOIA/Trapping"

Created by: joseph_madison@fws.gov

Total Messages in label: 271 (48 conversations)

Created: 05-31-2019 at 12:03 PM

Conversation Contents

Current Wild Red Wolf Numbers in

"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Mon Apr 02 2018 13:09:02 GMT-0600 (MDT)
To: William Waddell <William.Waddell@pdza.org>
Subject: Current Wild Red Wolf Numbers in

Will,

In thinking about our conversation, I believe I said 21 currently collared red wolves, but that was before our recent trapping in the Milltail Pack last month. So the updated number of known red wolves (e.g. collared) now sits at 25, but the overall population estimate remains at what I said on the phone at 30-35 individuals.

Thanks,

Joe Madison
Assistant Field Supervisor
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

William Waddell <William.Waddell@pdza.org>

From: William Waddell <William.Waddell@pdza.org>
Sent: Mon Apr 02 2018 13:55:24 GMT-0600 (MDT)
To: "Madison, Joseph" <joseph_madison@fws.gov>
Subject: [EXTERNAL] RE: Current Wild Red Wolf Numbers in

Thanks for the update Joe.

From: Madison, Joseph [mailto:joseph_madison@fws.gov]
Sent: Monday, April 02, 2018 12:09 PM
To: William Waddell
Subject: Current Wild Red Wolf Numbers in

Will,

In thinking about our conversation, I believe I said 21 currently collared red wolves, but that was before our recent trapping in the Milltail Pack last month. So the updated number of known red wolves (e.g. collared) now sits at 25, but the overall population estimate remains at what I said on the phone at 30-35

indiviudals.

Thanks,

Joe Madison
Assistant Field Supervisor
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

Label: "FOIA 20190531"

Created by:ryan_nordsven@fws.gov

Total Messages in label:255 (70 conversations)

Created: 06-12-2019 at 13:19 PM

Conversation Contents

[EXTERNAL] FW: Agenda for July 12, 2018 WRC Meeting

Attachments:

/38. [EXTERNAL] FW: Agenda for July 12, 2018 WRC Meeting/1.1 Agenda July 12, 2018.pdf
/38. [EXTERNAL] FW: Agenda for July 12, 2018 WRC Meeting/1.2 image005.png
/38. [EXTERNAL] FW: Agenda for July 12, 2018 WRC Meeting/1.3 image006.png
/38. [EXTERNAL] FW: Agenda for July 12, 2018 WRC Meeting/1.4 image007.png
/38. [EXTERNAL] FW: Agenda for July 12, 2018 WRC Meeting/1.5 image008.png
/38. [EXTERNAL] FW: Agenda for July 12, 2018 WRC Meeting/1.6 image001.jpg
/38. [EXTERNAL] FW: Agenda for July 12, 2018 WRC Meeting/1.7 image002.jpg
/38. [EXTERNAL] FW: Agenda for July 12, 2018 WRC Meeting/1.8 image003.jpg
/38. [EXTERNAL] FW: Agenda for July 12, 2018 WRC Meeting/1.9 image004.jpg
/38. [EXTERNAL] FW: Agenda for July 12, 2018 WRC Meeting/2.1 image005.png
/38. [EXTERNAL] FW: Agenda for July 12, 2018 WRC Meeting/2.2 image006.png
/38. [EXTERNAL] FW: Agenda for July 12, 2018 WRC Meeting/2.3 image007.png
/38. [EXTERNAL] FW: Agenda for July 12, 2018 WRC Meeting/2.4 image008.png
/38. [EXTERNAL] FW: Agenda for July 12, 2018 WRC Meeting/2.5 image001.jpg
/38. [EXTERNAL] FW: Agenda for July 12, 2018 WRC Meeting/2.6 image002.jpg
/38. [EXTERNAL] FW: Agenda for July 12, 2018 WRC Meeting/2.7 image003.jpg
/38. [EXTERNAL] FW: Agenda for July 12, 2018 WRC Meeting/2.8 image004.jpg
/38. [EXTERNAL] FW: Agenda for July 12, 2018 WRC Meeting/2.9 Agenda July 12, 2018.pdf

"Shipley, Andrea J" <andrea.shipley@ncwildlife.org>

From: "Shipley, Andrea J" <andrea.shipley@ncwildlife.org>
Sent: Tue Jul 03 2018 09:01:16 GMT-0600 (MDT)
To: "ryan_nordsven (ryan_nordsven@fws.gov)" <ryan_nordsven@fws.gov>
Subject: [EXTERNAL] FW: Agenda for July 12, 2018 WRC Meeting
Agenda July 12, 2018.pdf image005.png image006.png
Attachments: image007.png image008.png image001.jpg image002.jpg
image003.jpg image004.jpg

FYI in case Pete didn't relay this to you. For streaming: <http://ncwildlife.org/About/Meetings-Actions/Commission-Meeting-Audio-Webcast> See you on the 10th? -----
----- Andrea J. Shipley Mammalogist, Wildlife Diversity Program NC Wildlife Resources Commission Mailing Address: 1722 Mail Service Center Raleigh, North Carolina 27699-1700 office: 252-926-0266 mobile: 919-208-9200 ncwildlife.org [fb icon][twitter icon][insta icon][youtube icon] _____ Email correspondence to and from this sender is subject to the N.C. Public Records Law and may be disclosed to third parties.
From: Haywood, Betsy Sent: Tuesday, July 03, 2018 10:49 AM To: WRC_Grp - Division Chiefs <divisionchiefs@ncwildlife.org>; Godwin, Ashton C <ashton.godwin@ncwildlife.org>; Boynton, Allen <allen.boynton@ncwildlife.org>; Barnes, Patricia J. <patricia.barnes@ncwildlife.org>; Huebner, Chris A. <chris.huebner@ncwildlife.org>; Huebner, Melinda D <melinda.huebner@ncwildlife.org>; Thorp, Stacey E. <stacey.thorp@ncwildlife.org>; Minkler,

Margo Y <margo.minkler@ncwildlife.org>; Davis, Alicia C <alicia.davis@ncwildlife.org>; Zmuda, Tamara (tzmuda@ncdoj.gov) <tzmuda@ncdoj.gov>; 'Anna Davis' <amdavis@ncdoj.gov>; Ruhlman, Carrie A <carrie.ruhlman@ncwildlife.org>; Smallwood, Michael <michael.smallwood@ncwildlife.org>; Ewing, Todd D. <todd.ewing@ncwildlife.org>; McGaw, Melissa A. <melissa.mcgaw@ncwildlife.org>; Kennemur, Ryan <ryan.kennemur@ncwildlife.org>; Mahlum, Fairley W <fairley.mahlum@ncwildlife.org>; Owen, Jodie B. <jodie.owen@ncwildlife.org>; Shipley, Andrea J <andrea.shipley@ncwildlife.org>; Rundle, Tammy L. <tammy.rundle@ncwildlife.org> Subject: Agenda for July 12, 2018 WRC Meeting Good morning, Attached is the agenda for the meeting of the WRC on Thursday, July 12. The entire agenda package will be posted on line later this week, along with agendas for the committee meetings. Thank you all for your assistance. Sincerely, Betsy Betsy Haywood // Commission Liaison // No Wake Zone Coordinator Director's Office NC Wildlife Resources Commission Mailing Address: 1701 Mail Service Center Raleigh, North Carolina 27699-1701 Office: 919-707-0013 // Fax: 919-707-0020 ncwildlife.org

[cid:image009.jpg@01D03F93.F9F575A0] [cid:image010.jpg@01D03F93.F9F575A0]

[cid:image011.jpg@01D03F93.F9F575A0] [cid:image012.jpg@01D03F93.F9F575A0]

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"Nordsven, Ryan" <ryan_nordsven@fws.gov>

From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Sent: Tue Jul 10 2018 13:19:06 GMT-0600 (MDT)
To: Joseph Madison <joseph_madison@fws.gov>, "Morse, Michael" <michael_l_morse@fws.gov>, Shaun Olson <shaun_olson@fws.gov>
Subject: Fwd: [EXTERNAL] FW: Agenda for July 12, 2018 WRC Meeting
Attachments: image005.png image006.png image007.png image008.png image001.jpg image002.jpg image003.jpg image004.jpg Agenda July 12, 2018.pdf

FYI. NCWRC has an agenda meeting this Thursday and Andrea is giving a presentation on her canid project. It will be live streamed if interested.

----- Forwarded message -----

From: Shipley, Andrea J <andrea.shipley@ncwildlife.org>
Date: Tue, Jul 3, 2018 at 11:01 AM
Subject: [EXTERNAL] FW: Agenda for July 12, 2018 WRC Meeting
To: "ryan_nordsven (ryan_nordsven@fws.gov)" <ryan_nordsven@fws.gov>

FYI in case Pete didn't relay this to you.

For streaming: <http://ncwildlife.org/About/Meetings-Actions/Commission-Meeting-Audio-Webcast>

See you on the 10th?

Andrea J. Shipley
Mammalogist, Wildlife Diversity Program

NC Wildlife Resources Commission
Mailing Address: 1722 Mail Service Center
Raleigh, North Carolina 27699-1700
office: 252-926-0266
mobile: 919-208-9200

ncwildlife.org<<http://ncwildlife.org>>

[fb icon][twitter icon][insta icon][youtube icon]

Email correspondence to and from this sender is subject to the N.C. Public Records Law and may be disclosed to third parties.

From: Haywood, Betsy
Sent: Tuesday, July 03, 2018 10:49 AM
To: WRC_Grp - Division Chiefs <divisionchiefs@ncwildlife.org>; Godwin, Ashton C <ashton.godwin@ncwildlife.org>; Boynton, Allen <allen.boynton@ncwildlife.org>; Barnes, Patricia J. <patricia.barnes@ncwildlife.org>; Huebner, Chris A. <chris.huebner@ncwildlife.org>; Huebner, Melinda D <melinda.huebner@ncwildlife.org>; Thorp, Stacey E. <stacey.thorp@ncwildlife.org>; Minkler, Margo Y <margo.minkler@ncwildlife.org>; Davis, Alicia C <alicia.davis@ncwildlife.org>; Zmuda, Tamara (tzmuda@ncdoj.gov) <tzmuda@ncdoj.gov>; 'Anna Davis' <amdavis@ncdoj.gov>; Ruhlman, Carrie A <carrie.ruhlman@ncwildlife.org>; Smallwood, Michael <michael.smallwood@ncwildlife.org>; Ewing, Todd D. <todd.ewing@ncwildlife.org>; McGaw, Melissa A. <melissa.mcgaw@ncwildlife.org>; Kennemur, Ryan <ryan.kennemur@ncwildlife.org>; Mahlum, Fairley W <fairley.mahlum@ncwildlife.org>; Owen, Jodie B. <jodie.owen@ncwildlife.org>; Shipley, Andrea J <andrea.shipley@ncwildlife.org>; Rundle, Tammy L. <tammy.rundle@ncwildlife.org>
Subject: Agenda for July 12, 2018 WRC Meeting

Good morning,

Attached is the agenda for the meeting of the WRC on Thursday, July 12. The entire agenda package will be posted on line later this week, along with agendas for the committee meetings.

Thank you all for your assistance.

Sincerely, Betsy

Betsy Haywood // Commission Liaison // No Wake Zone Coordinator
Director's Office

NC Wildlife Resources Commission
Mailing Address: 1701 Mail Service Center
Raleigh, North Carolina 27699-1701
Office: 919-707-0013 // Fax: 919-707-0020

ncwildlife.org<<http://ncwildlife.org>>

[cid:image009.jpg@01D03F93.F9F575A0]<<http://twitter.com/ncwildlife>>

[cid:image010.jpg@01D03F93.F9F575A0]<http://www.facebook.com/pages/NC-Wildlife-Resources-Commission/169986143088699?ref=tn_tnmn>

[cid:image011.jpg@01D03F93.F9F575A0]<<http://instagram.com/ncwildlife>>

[cid:image012.jpg@01D03F93.F9F575A0]<<http://www.youtube.com/user/NCWRC?blend=2&ob=video-mustangbase>>

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--
Ryan Nordsven
Wildlife Biologist
US Fish & Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 x 244
Cell: (252) 475-8353

Label: "Mar 2019 FOIA/Trapping"

Created by: joseph_madison@fws.gov

Total Messages in label: 271 (48 conversations)

Created: 05-31-2019 at 12:04 PM

Conversation Contents

Canid capture by Andrea (NCWRC)

"Nordsven, Ryan" <ryan_nordsven@fws.gov>

From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Sent: Thu Mar 01 2018 11:06:01 GMT-0700 (MST)
To: Joseph Madison <joseph_madison@fws.gov>
CC: "Morse, Michael" <michael_l_morse@fws.gov>, Shaun Olson <shaun_olson@fws.gov>
Subject: Canid capture by Andrea (NCWRC)

Joe,

I just wanted to notify you that I received a call from Andrea Shipley late afternoon/early evening on Tuesday. She was trapping somewhere north of Engelhard and caught a female canid that she described as larger than the coyotes she had captured up to that point, and believed it might be a red wolf. Based on proximity to Ventures, there is certainly a possibility that it could be a wolf. I couldn't get down there that evening so I asked if she could possibly hold it in a kennel until the next morning so I could see it/scan it and determine if it was a wolf. She stated that her decision tree precluded her from doing so, and that she would have to place a gps collar on it and let it go. She took a hair sample to send to Lisette's lab for genetics. Apparently she is not taking blood samples, just using hair follicles.

I had hoped we would have had the chance to view and comment on the decision tree Andrea referred to as we had discussed with NCWRC during our meeting. It does concern me somewhat that she is currently operating under a decision tree that we were not part of. I believe she is done trapping now, however, so hopefully we can get that ironed out before next year. I would also like to see the commission utilize a PIT tag scanner that is capable of reading Trovan chips, as there may be instances where a simple scan will let her/us know immediately the identity of a captured animal. Finally, she did indicate that she is using the BAM drug combination to anesthetize her captured canids. Michael had heard from the local vet that Andrea had trouble reversing one of her captured canids on this drug combination. Hopefully she won't have any further issues, but it would of course be preferential if she would use the butorphanol/dexmedetomidine combination approved by NCSU for use on red wolves as we had suggested and have used successfully for decades.

At any rate, Andrea said she would email me pictures and measurements of the canid, and of course notify us of genetic disposition once she hears back from the lab.

--

Ryan Nordsven
Wildlife Biologist
US Fish & Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 x 244
Cell: (252) 475-8353

Joseph Madison <joseph_madison@fws.gov>

From: Joseph Madison <joseph_madison@fws.gov>
Sent: Thu Mar 01 2018 11:10:28 GMT-0700 (MST)
To: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
CC: "Morse, Michael" <michael_l_morse@fws.gov>, Shaun Olson <shaun_olson@fws.gov>
Subject: Re: Canid capture by Andrea (NCWRC)

Obviously this is concerning on many levels and something we clearly need to discuss internally and with WRC. Disappointing to say the least. Sent from my iPhone N > On Mar 1, 2018, at 1:06 PM, Nordsven, Ryan <ryan_nordsven@fws.gov> wrote: > > Joe, > > I just wanted to notify you that I received a call from Andrea Shipley late afternoon/early evening on Tuesday. She was trapping somewhere north of Engelhard and caught a female canid that she described as larger than the coyotes she had captured up to that point, and believed it might be a red wolf. Based on proximity to Ventures, there is certainly a possibility that it could be a wolf. I couldn't get down there that evening so I asked if she could possibly hold it in a kennel until the next morning so I could see it/scan it and determine if it was a wolf. She stated that her decision tree precluded her from doing so, and that she would have to place a gps collar on it and let it go. She took a hair sample to send to Lisette's lab for genetics. Apparently she is not taking blood samples, just using hair follicles. > > I had hoped we would have had the chance to view and comment on the decision tree Andrea referred to as we had discussed with NCWRC during our meeting. It does concern me somewhat that she is currently operating under a decision tree that we were not part of. I believe she is done trapping now, however, so hopefully we can get that ironed out before next year. I would also like to see the commission utilize a PIT tag scanner that is capable of reading Trovan chips, as there may be instances where a simple scan will let her/us know immediately the identity of a captured animal. Finally, she did indicate that she is using the BAM drug combination to anesthetize her captured canids. Michael had heard from the local vet that Andrea had trouble reversing one of her captured canids on this drug combination. Hopefully she won't have any further issues, but it would of course be preferential if she would use the butorphanol/dexmedetomidine combination approved by NCSU for use on red wolves as we had suggested and have used successfully for decades. > > At any rate, Andrea said she would email me pictures and measurements of the canid, and of course notify us of genetic disposition once she hears back from the lab. > > -- > Ryan Nordsven > Wildlife Biologist > US Fish & Wildlife Service > 100 Conservation Way > Manteo, NC 27954 > Office: (252) 473-1132 x 244 > Cell: (252) 475-8353

"Nordsven, Ryan" <ryan_nordsven@fws.gov>

From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Sent: Thu Mar 01 2018 11:15:21 GMT-0700 (MST)
To: Joseph Madison <joseph_madison@fws.gov>
CC: "Morse, Michael" <michael_l_morse@fws.gov>, Shaun Olson <shaun_olson@fws.gov>
Subject: Re: Canid capture by Andrea (NCWRC)

I'm also wondering about the fact that she was just processing the animal when she called me at 4:30 pm. If her decision tree precludes her from holding an animal in a kennel, does this mean she just took it out of a trap late that afternoon? Hopefully not, but if so she is risking serious foot damage to any captured animal.

On Thu, Mar 1, 2018 at 1:10 PM, Joseph Madison <joseph_madison@fws.gov> wrote:

Obviously this is concerning on many levels and something we clearly need to discuss internally and with WRC. Disappointing to say the least.

Sent from my iPhone

N

> On Mar 1, 2018, at 1:06 PM, Nordsven, Ryan <ryan_nordsven@fws.gov> wrote:

>

> Joe,

>

> I just wanted to notify you that I received a call from Andrea Shipley late afternoon/early evening on Tuesday. She was trapping somewhere north of Engelhard and caught a female canid that she described as larger than the coyotes she had captured up to that point, and believed it might be a red wolf. Based on proximity to Ventures, there is certainly a possibility that it could be a wolf. I couldn't get down there that evening so I asked if she could possibly hold it in a kennel until the next morning so I could see it/scan it and determine if it was a wolf. She stated that her decision tree precluded her from doing so, and that she would have to place a gps collar on it and let it go. She took a hair sample to send to Lisette's lab for genetics. Apparently she is not taking blood samples, just using hair follicles.

>

> I had hoped we would have had the chance to view and comment on the decision tree Andrea referred to as we had discussed with NCWRC during our meeting. It does concern me somewhat that she is currently operating under a decision tree that we were not part of. I believe she is done trapping now, however, so hopefully we can get that ironed out before next year. I would also like to see the commission utilize a PIT tag scanner that is capable of reading Trovan chips, as there may be instances where a simple scan will let her/us know immediately the identity of a captured animal. Finally, she did indicate that she is using the BAM drug combination to anesthetize her captured canids. Michael had heard from the local vet that Andrea had trouble reversing one of her captured canids on this drug combination. Hopefully she won't have any further issues, but it would of course be preferential if she would use the butorphanol/dexmedetomidine combination approved by NCSU for use on red wolves as we had suggested and have used successfully for decades.

>

> At any rate, Andrea said she would email me pictures and measurements of the canid, and of course notify us of genetic disposition once she hears back from the lab.

>

> --

> Ryan Nordsven

> Wildlife Biologist

> US Fish & Wildlife Service

> 100 Conservation Way

> Manteo, NC 27954

> Office: (252) 473-1132 x 244

> Cell: (252) 475-8353

--

Ryan Nordsven

Wildlife Biologist

US Fish & Wildlife Service

100 Conservation Way

Manteo, NC 27954

Office: (252) 473-1132 x 244

Cell: (252) 475-8353

Label: "FOIA 20190531"

Created by:ryan_nordsven@fws.gov

Total Messages in label:255 (70 conversations)

Created: 06-12-2019 at 13:25 PM

Conversation Contents

Collar keys

Attachments:

/39. Collar keys/4.1 image001.png
/39. Collar keys/4.2 image002.png
/39. Collar keys/4.3 image003.png
/39. Collar keys/4.4 image004.png
/39. Collar keys/4.5 Collar21863_Registration.keyx
/39. Collar keys/5.1 image002.png
/39. Collar keys/5.2 image004.png
/39. Collar keys/5.3 image003.png
/39. Collar keys/5.4 image001.png
/39. Collar keys/6.1 image001.png
/39. Collar keys/6.2 image002.png
/39. Collar keys/6.3 image003.png
/39. Collar keys/6.4 image004.png
/39. Collar keys/7.1 image001.png
/39. Collar keys/7.2 image002.png
/39. Collar keys/7.3 image004.png
/39. Collar keys/7.4 image003.png
/39. Collar keys/8.1 image003.png
/39. Collar keys/8.2 image004.png
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/39. Collar keys/9.3 image003.png
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/39. Collar keys/10.2 image002.png
/39. Collar keys/10.3 image001.png
/39. Collar keys/10.4 image003.png
/39. Collar keys/11.1 image001.png
/39. Collar keys/11.2 image002.png
/39. Collar keys/11.3 image003.png
/39. Collar keys/11.4 image004.png
/39. Collar keys/12.1 image002.png
/39. Collar keys/12.2 image003.png
/39. Collar keys/12.3 image004.png
/39. Collar keys/12.4 image001.png
/39. Collar keys/13.1 image002.png
/39. Collar keys/13.2 image001.png
/39. Collar keys/13.3 image003.png
/39. Collar keys/13.4 image004.png
/39. Collar keys/14.1 image002.png
/39. Collar keys/14.2 image001.png
/39. Collar keys/14.3 image003.png
/39. Collar keys/14.4 image004.png
/39. Collar keys/15.1 image001.png
/39. Collar keys/15.2 image002.png
/39. Collar keys/15.3 image004.png
/39. Collar keys/15.4 image003.png

"Nordsven, Ryan" <ryan_nordsven@fws.gov>

From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Sent: Tue Jun 05 2018 11:45:39 GMT-0600 (MDT)
To: "Shiple, Andrea J" <andrea.shiple@ncwildlife.org>
Subject: Collar keys

Hi Andrea,

When you get a chance could you resend me the collar key for collar 21863? My desk top computer recently crashed and I reinstalled the GPS Plus X software on my laptop but I can't find an email with that particular key. I do have the key for 21867 that you sent me more recently. Thanks and hope all is well.

Ryan

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Ryan Nordsven
Wildlife Biologist
US Fish & Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 x 244
Cell: (252) 475-8353

"Shiple, Andrea J" <andrea.shiple@ncwildlife.org>

From: "Shiple, Andrea J" <andrea.shiple@ncwildlife.org>
Sent: Tue Jun 05 2018 12:17:29 GMT-0600 (MDT)
To: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Subject: Re: [External] Collar keys

Hey Ryan,
I'm in the field today, but I'll send to you tomorrow.
Hope all is well,
Andrea

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From: Nordsven, Ryan <ryan_nordsven@fws.gov>
Sent: Tuesday, June 5, 2018 1:45:39 PM
To: Shiple, Andrea J
Subject: [External] Collar keys

CAUTION: External email. Do not click links or open attachments unless verified. Send all suspicious email as an attachment to [Report Spam](#).

Hi Andrea,

When you get a chance could you resend me the collar key for collar 21863? My desk top computer recently crashed and I reinstalled the GPS Plus X software on my laptop but I can't

find an email with that particular key. I do have the key for 21867 that you sent me more recently. Thanks and hope all is well.

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"Nordsven, Ryan" <ryan_nordsven@fws.gov>

From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Sent: Wed Jun 06 2018 06:54:09 GMT-0600 (MDT)
To: "Shiple, Andrea J" <andrea.shiple@ncwildlife.org>
Subject: Re: [External] Collar keys

That's fine Andrea. Whenever you can. Thanks.

On Tue, Jun 5, 2018 at 2:17 PM, Shipley, Andrea J <andrea.shiple@ncwildlife.org> wrote:

Hey Ryan,
I'm in the field today, but I'll send to you tomorrow.
Hope all is well,
Andrea

Get [Outlook for iOS](#)

From: Nordsven, Ryan <ryan_nordsven@fws.gov>
Sent: Tuesday, June 5, 2018 1:45:39 PM
To: Shipley, Andrea J
Subject: [External] Collar keys

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Cell: (252) 475-8353

"Shiple, Andrea J" <andrea.shiple@ncwildlife.org>

From: "Shiple, Andrea J" <andrea.shiple@ncwildlife.org>
Sent: Wed Jun 06 2018 06:57:46 GMT-0600 (MDT)
To: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Subject: RE: [External] Collar keys
Attachments: image001.png image002.png image003.png image004.png
Collar21863_Registration.keyx

Hey Ryan,

I don't know if you heard, but Kelly Davis's husband passed away yesterday morning. The funeral service is tomorrow at 11am at the Soule Church in Swan Quarter (across the street from the school on 264). Please pass along to anyone who knows or knew Kelly and Blythe.

I've attached the collar key, let me know if there's anything else you need!

Andrea

Andrea J. Shipley
Mammalogist, Wildlife Diversity Program

NC Wildlife Resources Commission
Mailing Address: 1722 Mail Service Center
Raleigh, North Carolina 27699-1700
office: 252-926-0266
mobile: 984-232-1542

ncwildlife.org



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From: Nordsven, Ryan [mailto:ryan_nordsven@fws.gov]
Sent: Tuesday, June 05, 2018 1:46 PM
To: Shipley, Andrea J <andrea.shipley@ncwildlife.org>
Subject: [External] Collar keys

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"Nordsven, Ryan" <ryan_nordsven@fws.gov>

From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Sent: Wed Jun 06 2018 07:27:07 GMT-0600 (MDT)
To: "Shipley, Andrea J" <andrea.shipley@ncwildlife.org>
Subject: Re: [External] Collar keys
Attachments: image002.png image004.png image003.png image001.png

Thanks Andrea and thanks for letting me know about Blythe. I will definitely pass it along.

I meant to ask you too - did you ever hear back from Jen Adams regarding the G. Floyd female?

On Wed, Jun 6, 2018 at 8:57 AM, Shipley, Andrea J <andrea.shipley@ncwildlife.org> wrote:

Hey Ryan,

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From: Nordsven, Ryan [mailto:ryan_nordsven@fws.gov]
Sent: Tuesday, June 05, 2018 1:46 PM
To: Shipley, Andrea J <andrea.shipley@ncwildlife.org>
Subject: [External] Collar keys

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"Shipley, Andrea J" <andrea.shipley@ncwildlife.org>

From: "Shipley, Andrea J" <andrea.shipley@ncwildlife.org>

Sent: Wed Jun 06 2018 07:32:40 GMT-0600 (MDT)
To: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Subject: RE: [External] Collar keys
Attachments: image001.png image002.png image003.png image004.png

I did, thank you for the reminder!

It was a back cross:

Sample	Type	Microsat Species	Ancestry Red Wolf	Ancestry Dog	Ancestry Coyote
CAN_18_006F	hair	RWBC*	75.4%	6.6%	18.1%

* 75% red wolf and 25% coyote

Andrea J. Shipley

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mobile: 984-232-1542

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From: Nordsven, Ryan [mailto:ryan_nordsven@fws.gov]

Sent: Wednesday, June 06, 2018 9:27 AM

To: Shipley, Andrea J <andrea.shipley@ncwildlife.org>

Subject: Re: [External] Collar keys

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Thanks Andrea and thanks for letting me know about Blythe. I will definitely pass it along.

I meant to ask you too - did you ever hear back from Jen Adams regarding the G. Floyd female?

On Wed, Jun 6, 2018 at 8:57 AM, Shipley, Andrea J <andrea.shipley@ncwildlife.org> wrote:

Hey Ryan,

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I've attached the collar key, let me know if there's anything else you need!

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From: Nordsven, Ryan [mailto:ryan_nordsven@fws.gov]
Sent: Tuesday, June 05, 2018 1:46 PM
To: Shipley, Andrea J <andrea.shipley@ncwildlife.org>
Subject: [External] Collar keys

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"Nordsven, Ryan" <ryan_nordsven@fws.gov>

From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Sent: Wed Jun 06 2018 07:48:44 GMT-0600 (MDT)
To: Joseph Madison <joseph_madison@fws.gov>, "Beyer, Arthur" <arthur_beyer@fws.gov>, "Morse, Michael" <michael_l_morse@fws.gov>, Shaun Olson <shaun_olson@fws.gov>
Subject: Fwd: [External] Collar keys
Attachments: image001.png image002.png image004.png image003.png

Here are the genetic results for the female Andrea collared on Gordon Floyd's property

----- Forwarded message -----

From: Shipley, Andrea J <andrea.shipley@ncwildlife.org>
Date: Wed, Jun 6, 2018 at 9:32 AM
Subject: RE: [External] Collar keys
To: "Nordsven, Ryan" <ryan_nordsven@fws.gov>

I did, thank you for the reminder!

It was a back cross:

Sample	Type	Microsat	Species	Ancestry Red Wolf	Ancestry Dog	Ancestry Coyote
CAN_18_006F	hair	RWBC*		75.4%	6.6%	18.1%

* 75% red wolf and 25% coyote

Andrea J. Shipley
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Mammalogist, Wildlife Diversity Program

NC Wildlife Resources Commission

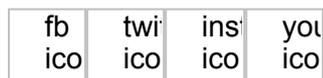
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Sent: Tuesday, June 05, 2018 1:46 PM

To: Shipley, Andrea J <andrea.shipley@ncwildlife.org>

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"Nordsven, Ryan" <ryan_nordsven@fws.gov>

From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Sent: Wed Jun 06 2018 07:54:35 GMT-0600 (MDT)
To: "Shiple, Andrea J" <andrea.shiple@ncwildlife.org>
Subject: Re: [External] Collar keys
Attachments: image003.png image004.png image001.png image002.png

Thanks. RWBC is not really a surprise I guess.

On Wed, Jun 6, 2018 at 9:32 AM, Shiple, Andrea J <andrea.shiple@ncwildlife.org> wrote:

I did, thank you for the reminder!

It was a back cross:

Sample	Type	Microsat	Species	Ancestry Red Wolf	Ancestry Dog	Ancestry Coyote
CAN_18_006F	hair	RWBC*		75.4%	6.6%	18.1%

* 75% red wolf and 25% coyote

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To: Shipley, Andrea J <andrea.shipley@ncwildlife.org>
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Cell: (252) 475-8353

"Shipley, Andrea J" <andrea.shipley@ncwildlife.org>

From: "Shipley, Andrea J" <andrea.shipley@ncwildlife.org>
Sent: Wed Jun 06 2018 08:03:47 GMT-0600 (MDT)
To: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Subject: RE: [External] Collar keys
Attachments: image001.png image002.png image003.png image004.png

No, I guess not. Though I had hoped for different.

Did you hear about what was on the agenda at the Hyde county commissioners meeting last night?

I have a new work cell number: 919.208.9200 – it was Brandon's old work phone number.

Andrea J. Shipley
Mammalogist, Wildlife Diversity Program

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From: Nordsven, Ryan [mailto:ryan_nordsven@fws.gov]
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To: Shipley, Andrea J <andrea.shipley@ncwildlife.org>
Subject: Re: [External] Collar keys

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From: Nordsven, Ryan [mailto:ryan_nordsven@fws.gov]

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To: Shipley, Andrea J <andrea.shipley@ncwildlife.org>

Subject: [External] Collar keys

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From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Sent: Wed Jun 06 2018 08:11:32 GMT-0600 (MDT)
To: "Shipley, Andrea J" <andrea.shipley@ncwildlife.org>
Subject: Re: [External] Collar keys
Attachments: image004.png image002.png image001.png image003.png

Got it. Thanks. Do you have a number for Worth too in case we need it?

I didn't know there was a meeting last night - haven't heard anything.

On Wed, Jun 6, 2018 at 10:03 AM, Shipley, Andrea J <andrea.shipley@ncwildlife.org> wrote:
No, I guess not. Though I had hoped for different.

Did you hear about what was on the agenda at the Hyde county commissioners meeting last night?

I have a new work cell number: 919.208.9200 – it was Brandon's old work phone number.

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From: Nordsven, Ryan [mailto:ryan_nordsven@fws.gov]
Sent: Wednesday, June 06, 2018 9:55 AM

To: Shipley, Andrea J <andrea.shipley@ncwildlife.org>
Subject: Re: [External] Collar keys

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It was a back cross:

Sample	Type	Microsat Species	Ancestry Red Wolf	Ancestry Dog	Ancestry Coyote
CAN_18_006F	hair	RWBC*	75.4%	6.6%	18.1%

* 75% red wolf and 25% coyote

Andrea J. Shipley

Mammalogist, Wildlife Diversity Program

NC Wildlife Resources Commission

Mailing Address: 1722 Mail Service Center
Raleigh, North Carolina 27699-1700
office: 252-926-0266
mobile: 984-232-1542

ncwildlife.org

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To: Shipley, Andrea J <andrea.shipley@ncwildlife.org>
Subject: Re: [External] Collar keys

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"Shipley, Andrea J" <andrea.shipley@ncwildlife.org>

From: "Shipley, Andrea J" <andrea.shipley@ncwildlife.org>
Sent: Wed Jun 06 2018 13:42:27 GMT-0600 (MDT)
To: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Subject: RE: [External] Collar keys
Attachments: image001.png image002.png image003.png image004.png

Apparently they added extending the coyote trapping season on the agenda. I haven't heard about how that went.

Here's Worth's work cell: 984.232.1542

Andrea J. Shipley
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From: Nordsven, Ryan [mailto:ryan_nordsven@fws.gov]
Sent: Wednesday, June 06, 2018 10:12 AM
To: Shipley, Andrea J <andrea.shipley@ncwildlife.org>
Subject: Re: [External] Collar keys

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Got it. Thanks. Do you have a number for Worth too in case we need it?

I didn't know there was a meeting last night - haven't heard anything.

On Wed, Jun 6, 2018 at 10:03 AM, Shipley, Andrea J <andrea.shipley@ncwildlife.org> wrote:

No, I guess not. Though I had hoped for different.

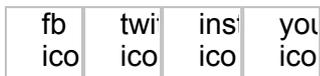
Did you hear about what was on the agenda at the Hyde county commissioners meeting last night?

I have a new work cell number: 919.208.9200 – it was Brandon's old work phone number.

Andrea J. Shipley
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"Beyer, Arthur" <arthur_beyer@fws.gov>

From: "Beyer, Arthur" <arthur_beyer@fws.gov>
Sent: Thu Jun 07 2018 13:38:47 GMT-0600 (MDT)
To: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
CC: Joseph Madison <joseph_madison@fws.gov>, "Morse, Michael" <michael_l_morse@fws.gov>, Shaun Olson <shaun_olson@fws.gov>
Subject: Re: [External] Collar keys
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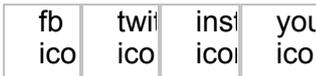
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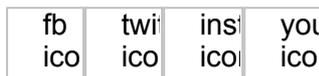
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"Morse, Michael" <michael_l_morse@fws.gov>

From: "Morse, Michael" <michael_l_morse@fws.gov>
Sent: Thu Jun 07 2018 14:22:50 GMT-0600 (MDT)
To: "Beyer, Arthur" <arthur_beyer@fws.gov>
CC: "Nordsven, Ryan" <ryan_nordsven@fws.gov>, Joseph Madison <joseph_madison@fws.gov>, Shaun Olson <shaun_olson@fws.gov>
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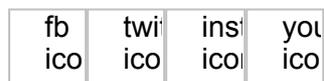
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ENC ES Sub-Field Office
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Manteo, NC 27954
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Cell#: (252) 475-8350

"Nordsven, Ryan" <ryan_nordsven@fws.gov>

From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Sent: Fri Jun 08 2018 20:52:43 GMT-0600 (MDT)
To: "Morse, Michael" <michael_l_morse@fws.gov>
CC: "Beyer, Arthur" <arthur_beyer@fws.gov>, Joseph Madison <joseph_madison@fws.gov>, Shaun Olson <shaun_olson@fws.gov>
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Subject: Re: [External] Collar keys
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Art,

I wanted to circle back around on this - to your knowledge was the pedigree of these animals ever looked into by Jen? The female on Gordon Floyd's property captured by Andrea last season (CAN-18-006F) came back as a RWBC 75% red wolf and we were curious if getting any pedigree info might bump it to a higher percentage. I can't remember if that was ever done. Also, could we look into the pedigree of the two hybrids on Ventures (90936M and 90937F)? The known wolves left from the Ventures pack right now are 11747M, 11965F, and 12029F, and the breeding female that was shot a year ago was 11706F. Also, 12030F and 12126F were both lost to follow up within the last year or two and could still be around. 12028M and 12129M both died in 2017. Hope that doesn't get too complicated.

Thanks

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----- Forwarded message -----

From: **Shipley, Andrea J** <andrea.shipley@ncwildlife.org>
Date: Wed, Jun 6, 2018 at 9:32 AM
Subject: RE: [External] Collar keys
To: "Nordsven, Ryan" <ryan_nordsven@fws.gov>

I did, thank you for the reminder!

It was a back cross:

Sample	Type	Microsat	Species	Ancestry Red Wolf	Ancestry Dog	Ancestry Coyote
CAN_18_006F	hair	RWBC*		75.4%	6.6%	18.1%

* 75% red wolf and 25% coyote

Andrea J. Shipley
Mammalogist, Wildlife Diversity Program

NC Wildlife Resources Commission
Mailing Address: 1722 Mail Service Center
Raleigh, North Carolina 27699-1700
office: 252-926-0266
mobile: 984-232-1542

ncwildlife.org



Email correspondence to and from this sender is subject to the N.C. Public Records Law and may be disclosed to third parties.

From: Nordsven, Ryan [mailto:ryan_nordsven@fws.gov]
Sent: Wednesday, June 06, 2018 9:27 AM
To: Shipley, Andrea J <andrea.shipley@ncwildlife.org>
Subject: Re: [External] Collar keys

CAUTION: External email. Do not click links or open attachments unless verified. Send all suspicious email as an attachment to [Report Spam](#).

Thanks Andrea and thanks for letting me know about Blythe. I will definitely pass it along.

I meant to ask you too - did you ever hear back from Jen Adams regarding the G. Floyd female?

On Wed, Jun 6, 2018 at 8:57 AM, Shipley, Andrea J <andrea.shipley@ncwildlife.org> wrote:

Hey Ryan,

I don't know if you heard, but Kelly Davis's husband passed away yesterday morning. The funeral service is tomorrow at 11am at the Soule Church in Swan Quarter (across the street from the school on 264). Please pass along to anyone who knows or knew Kelly and Blythe.

I've attached the collar key, let me know if there's anything else you need!

Andrea

Andrea J. Shipley
Mammalogist, Wildlife Diversity Program

NC Wildlife Resources Commission
Mailing Address: 1722 Mail Service Center
Raleigh, North Carolina 27699-1700
office: 252-926-0266
mobile: 984-232-1542

ncwildlife.org



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From: Nordsven, Ryan [mailto:ryan_nordsven@fws.gov]
Sent: Tuesday, June 05, 2018 1:46 PM
To: Shipley, Andrea J <andrea.shipley@ncwildlife.org>
Subject: [External] Collar keys

CAUTION: External email. Do not click links or open attachments unless verified. Send all suspicious email as an attachment to [Report Spam](#).

Hi Andrea,

When you get a chance could you resend me the collar key for collar 21863? My desk top computer recently crashed and I reinstalled the GPS Plus X software on my laptop but I can't find an email with that particular key. I do have the key for 21867 that you sent me more recently. Thanks and hope all is well.

Ryan

--

Ryan Nordsven
Wildlife Biologist

US Fish & Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 x 244
Cell: (252) 475-8353

--

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--

Michael L. Morse
Wildlife Biologist, USFWS
ENC ES Sub-Field Office
100 Conservation Way, PO Box 1969
Manteo, NC 27954
Work: (252) 473-1131, ext. 242
Cell#: **(252) 475-8350**

--

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--

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Cell: (252) 475-8353

Conversation Contents

Two pages withheld in part under exemption 6.

Captured Coyote

Joseph Madison <joseph_madison@fws.gov>

From: Joseph Madison <joseph_madison@fws.gov>
Sent: Mon Feb 26 2018 11:38:50 GMT-0700 (MST)
To: andrea.shipley@ncwildlife.org
Subject: Captured Coyote

Andrea, A private trapper captured a canid over the weekend that turned out to be a coyote. The animal was caught NW of Engelhard in the "C" blocks, which is in the vicinity of Lux and Ventures. We currently holding it at our red wolf pens in Columbia. I was wondering if you would like to use it as one of your study animals and place one of your GPS collars on it. We are all away from the office today, but Ryan should be back in tomorrow and able to meet you in Columbia if you're interested. No worries if you don't want to include this animal. Just let me know. Thanks, Joe Sent from my iPhone

"Shipley, Andrea J" <andrea.shipley@ncwildlife.org>

From: "Shipley, Andrea J" <andrea.shipley@ncwildlife.org>
Sent: Mon Feb 26 2018 11:42:03 GMT-0700 (MST)
To: Joseph Madison <joseph_madison@fws.gov>
Subject: Re: [External] Captured Coyote

Hey Joe,

Do you know where the trapper captured the coyote and if the landowner is okay with us releasing it back on their property? I'd like to include it in the study. I'll get up with David Cobb about it as well. I'll be in touch soon!

Thanks for thinking of us,

Andrea

Get [Outlook for iOS](#)

From: Joseph Madison <joseph_madison@fws.gov>
Sent: Monday, February 26, 2018 1:38:50 PM
To: Shipley, Andrea J
Subject: [External] Captured Coyote

CAUTION: External email. Do not click links or open attachments unless verified. Send all suspicious email as an attachment to Report Spam.<<mailto:report.spam@nc.gov>>

Andrea,

A private trapper captured a canid over the weekend that turned out to be a coyote. The animal was caught NW of Engelhard in the "C" blocks, which is in the vicinity of Lux and Ventures. We currently holding it at our red wolf pens in Columbia.

I was wondering if you would like to use it as one of your study animals and place one of your GPS collars on it. We are all away from the office today, but Ryan should be back in tomorrow and able to meet you in Columbia if you're interested. No worries if you don't want to include this animal.

Just let me know.

Thanks,

Joe

Sent from my iPhone

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"Nordsven, Ryan" <ryan_nordsven@fws.gov>

From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Sent: Tue Feb 27 2018 16:31:54 GMT-0700 (MST)
To: "Shiple, Andrea J" <andrea.shiple@ncwildlife.org>
CC: Joseph Madison <joseph_madison@fws.gov>, "shaun_olson@fws.gov" <shaun_olson@fws.gov>
Subject: Re: [External] Captured Coyote

Andrea,

The landowner's name is [REDACTED]. I think he lives near Charleston, SC and the trapper told me he is selling the property soon. His contact number is [REDACTED]. The C Blocks are between N Lake Road and Lux Farms, East of 1st Street. Let me know if you have any questions.

Ryan

On Mon, Feb 26, 2018 at 2:01 PM, Shiple, Andrea J <andrea.shiple@ncwildlife.org> wrote:

Hi Joe,
OK, sounds good to me. I'll see what I can do on my end as well as far as release options go.
Be in touch soon!
Safe travels,
Andrea

Get [Outlook for iOS](#)

From: Joseph Madison <joseph_madison@fws.gov>
Sent: Monday, February 26, 2018 1:56:27 PM
To: Shiple, Andrea J
Cc: shaun_olson@fws.gov; ryan_nordsven@fws.gov
Subject: Re: [External] Captured Coyote

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I don't know the specifics of where it was captured beyond the description I included in my original email but I've cc'd Shaun who I believe has the trappers contact info. The trapper might be able to give you more specifics on the exact trap location and who the landowner is. I've also cc'd Ryan so he's in the loop and because he might have the best knowledge on what landowner you should contact in that area.

All three of us are traveling separately today so I don't know what time frame to expect to hear anything.

Joe

Sent from my iPhone

On Feb 26, 2018, at 1:42 PM, Shipley, Andrea J <andrea.shipley@t.org> wrote:

Hey Joe,

Do you know where the trapper captured the coyote and if the landowner is okay with us releasing it back on their property? I'd like to include it in the study. I'll get up with David Cobb about it as well. I'll be in touch soon!

Thanks for thinking of us,

Andrea

Get [Outlook for iOS](#)

From: Joseph Madison <joseph_madison@fws.gov>
Sent: Monday, February 26, 2018 1:38:50 PM
To: Shipley, Andrea J
Subject: [External] Captured Coyote

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Andrea,

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Just let me know.

Thanks,

Joe

Sent from my iPhone

--
Ryan Nordsven
Wildlife Biologist
US Fish & Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 x 244
Cell: (252) 475-8353

"Shipley, Andrea J" <andrea.shipley@ncwildlife.org>

From: "Shipley, Andrea J" <andrea.shipley@ncwildlife.org>
Sent: Wed Feb 28 2018 08:05:45 GMT-0700 (MST)
To: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
CC: Joseph Madison <joseph_madison@fws.gov>, "shaun_olson@fws.gov" <shaun_olson@fws.gov>
Subject: Re: [External] Captured Coyote

Hey Ryan,

Thanks for forwarding this along. I'll let you know when I'm able to get up with the landowner. Hopefully we'll be able to make this happen quickly.

Thanks again,

Andrea

Get [Outlook for iOS](#)

From: Nordsven, Ryan <ryan_nordsven@fws.gov>
Sent: Tuesday, February 27, 2018 6:31:54 PM
To: Shipley, Andrea J
Cc: Joseph Madison; shaun_olson@fws.gov
Subject: Re: [External] Captured Coyote

CAUTION: External email. Do not click links or open attachments unless verified. Send all suspicious email as an attachment to [Report Spam](#).

Andrea,

The landowner's name is [REDACTED]. I think he lives near Charleston, SC and the trapper told me he is selling the property soon. His contact number is [REDACTED]. The C Blocks are between N Lake Road and Lux Farms, East of 1st Street. Let me know if you have any questions.

Ryan

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Andrea

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From: Joseph Madison <joseph_madison@fws.gov>
Sent: Monday, February 26, 2018 1:56:27 PM
To: Shipley, Andrea J
Cc: shaun_olson@fws.gov; ryan_nordsven@fws.gov
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I don't know the specifics of where it was captured beyond the description I included in my original email but I've cc'd Shaun who I believe has the trappers contact info. The trapper might be able to give you more specifics on the exact trap location and who the landowner is. I've also cc'd Ryan so he's in the loop and because he might have the best knowledge on what landowner you should contact in that area.

All three of us are traveling separately today so I don't know what time frame to expect to hear anything.

Joe

Sent from my iPhone

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To: Shipley, Andrea J
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A private trapper captured a canid over the weekend that turned out to

be a coyote. The animal was caught NW of Engelhard in the "C" blocks, which is in the vicinity of Lux and Ventures. We currently holding it at our red wolf pens in Columbia.

I was wondering if you would like to use it as one of your study animals and place one of your GPS collars on it. We are all away from the office today, but Ryan should be back in tomorrow and able to meet you in Columbia if you're interested. No worries if you don't want to include this animal.

Just let me know.

Thanks,

Joe

Sent from my iPhone

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--

Ryan Nordsven
Wildlife Biologist
US Fish & Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 x 244
Cell: (252) 475-8353

Label: "Mar 2019 FOIA/Trapping"

Created by: joseph_madison@fws.gov

Total Messages in label: 271 (48 conversations)

Created: 05-31-2019 at 12:04 PM

Conversation Contents

"Beyer, Arthur" <arthur_beyer@fws.gov>

From: "Beyer, Arthur" <arthur_beyer@fws.gov>
Sent: Mon Feb 26 2018 05:49:01 GMT-0700 (MST)
To: Joe Madison <joseph_madison@fws.gov>, Shaun Olson <shaun_olson@fws.gov>, Ryan Nordsven <ryan_nordsven@fws.gov>
Subject:

Canid that was captured this weekend with a gps collar was male 30631, first captured, sterilized (intact) and released in February 2011 on Pocosin Lakes NWR with one of Joey Hinton's collars. This animal was tested and came back as a coyote backcross, which may be why it's coming in a little larger at 41 lbs.

Label: "FOIA 20190531"

Created by:ryan_nordsven@fws.gov

Total Messages in label:255 (70 conversations)

Created: 06-12-2019 at 13:31 PM

Conversation Contents

Fwd: NCWRC depredation permit issued to Matt. Ventures for 4/16-30/2018

"Morse, Michael" <michael_l_morse@fws.gov>

From: "Morse, Michael" <michael_l_morse@fws.gov>
Sent: Thu Apr 19 2018 12:13:27 GMT-0600 (MDT)
To: Ryan Nordsven <ryan_nordsven@fws.gov>
Subject: Fwd: NCWRC depredation permit issued to Matt. Ventures for 4/16-30/2018

----- Forwarded message -----

From: **Morse, Michael** <michael_l_morse@fws.gov>
Date: Mon, Apr 16, 2018 at 8:52 PM
Subject: NCWRC depredation permit issued to Matt. Ventures for 4/16-30/2018
To: Joseph Madison <joseph_madison@fws.gov>
Cc: "Benjamin, Pete" <pete_benjamin@fws.gov>

Joe,

Private Trapper David Denton (NCWRC: retired) called me today to inform the Service that he and another private trapper (Terry Marsh - professional trapper/Charlotte) will be using a depredation permit just issued to four owners of Mattamuskeet Ventures, to trap and lethally remove coyotes from all of Ventures and an additional ~10k acres of lands adjacent to Ventures. He informed me that traps are being set today (4/16/18) and will be run for two weeks over the appx. 20,000 acres of land. He also informed me that he was calling to let us know he planned on erecting a small holding pen on Matt. Ventures to keep radio-collared animals in till one of our biologists could retrieve the animal and remove it from the property. He was planning on killing any other un-collared canids.

After hearing what Mr. Denton had to say, I informed him that he was setting traps in a known, red wolf pack territory. I also informed him that not all red wolves were radio collared and more importantly, this is the time of year for wolf litters and holding a nursing female could mean the starvation and death of her litter of pups. I then informed Mr. Denton that due to the ongoing federal court injunction, red wolves may not be taken from private lands and that any red wolves captured would need to be released as per court order.

After I informed Pete of these events, I contacted Andrea to discuss the permit and the study canids she has radio collars on. Andrea said Mr. Denton hadn't spoke with her and she didn't know about the permit being issued recently. She did mention that a request for a permit had been submitted to the Raleigh Commission office last September from Ventures and she had provided comments on that permit application. Andrea is currently out of state on leave and not due back in the office till next Monday. I also contacted Chris Turner (NCWRC District Biologist) to ask about conditions or specifics of the permit. He too knew about the September request but didn't know a permit had been issued, although a permit would normally have come from him. He said the permit came directly from the Commission in Raleigh and we should ask Dr. David Cobb (NCWRC) about it.

My concerns about this are many. But primarily (other than what I mention above), we deal with

depredation reports from time to time and know that when a call comes in about pets or livestock being threatened, six hours to return a call and take action can be a long time. The Commission has taken over six months to respond to a depredation report by issuing a depredation permit at the one time of the year when wolves are whelping and in an area with known red wolves. What is the depredation that started six months ago (over a 20,000 acre area)? What pets, property and/or livestock has been reported to have been taken or injured? Were reports filed to document the reported, ongoing losses? Can we get the answers to these critical questions?

I will inform you of further developments as they arise and coordinate our responses as needed. Thank you.

Regards,

--

Michael L. Morse
Wildlife Biologist, USFWS
ENC ES Sub-Field Office
100 Conservation Way, PO Box 1969
Manteo, NC 27954
Work: (252) 473-1131, ext. 242
Cell#: **(252) 475-8350**

--

Michael L. Morse
Wildlife Biologist, USFWS
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100 Conservation Way, PO Box 1969
Manteo, NC 27954
Work: (252) 473-1131, ext. 242
Cell#: **(252) 475-8350**

Label: "Mar 2019 FOIA/Trapping"

Created by: joseph_madison@fws.gov

Total Messages in label: 271 (48 conversations)

Created: 05-31-2019 at 12:06 PM

Conversation Contents

Just Checking In

Joseph Madison <joseph_madison@fws.gov>

From: Joseph Madison <joseph_madison@fws.gov>
Sent: Fri Feb 09 2018 13:30:06 GMT-0700 (MST)
To: Dan Frisk <dan_frisk@fws.gov>
Subject: Just Checking In

Dan,

I just wanted to see how things were going since we hadn't spoken in a few days. Any luck locating a fixed-wing aircraft to conduct a telemetry flight?

While I still advise holding off on any publicity regarding the missing red wolf until that flight can be conducted, at this point if it hasn't occurred already, it's a probably a decision that should be made out of the RO with External Affairs involvement, and likely both Refuges and ES staff involvement. I would very much like for you and I to stay in close contact regarding the missing juvenile and the adult pair, and I would like to continue to assist and support you in whatever way possible. I still see it as a viable option to send a couple of my staff down to assist with trapping for the juvenile should a signal be located for him.

Have a great weekend!

Joe

Sent from my iPhone

On Feb 7, 2018, at 7:22 PM, Dan Frisk <dan_frisk@fws.gov> wrote:

Joe... thanks. I will check out the OAS aircraft contractor tomorrow. We did some more road surveys today in new areas but did not pickup any signals.

I will let you know what we find out on the aircraft contractor.

Dan

Sent from my iPhone

On Feb 7, 2018, at 4:16 PM, Madison, Joseph <joseph_madison@fws.gov> wrote:

Dan,

I asked Michael to track down if there were any OAS certified aircraft contractors in your area. Attached appears to be the closest contractor with a federal contract. My guess is they are likely the contractor used by

USGS for manatee monitoring, but I do not know that for sure. Anyway, it is a potential option and they could potentially fly over the gulf monitoring as they go in case they pick up the signal washed out to sea, but that's a long shot and maybe a waste of time/money. .

Also, along those lines, St. Vincent NWR is currently listed as receiving \$25,000 in funding for FY18, although all funding is still being questioned so it is not set in stone.

It is my understanding that Leo and David Viker had a conversation today about the request to not allow the adults on St. Vincent to breed. I don't know anything more than that regarding their conversation.

Thank you for everything you and everyone down there is doing for red wolves.

Joe Madison
Assistant Field Supervisor
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

On Wed, Feb 7, 2018 at 10:27 AM, Dan Frisk <dan_frisk@fws.gov> wrote:

Ok. We will call around to see if we can find a plane.

Sent from my iPhone

On Feb 7, 2018, at 9:47 AM, Madison, Joseph <joseph_madison@fws.gov> wrote:

Dan,

As I mentioned on the phone, we really need a fixed wing flight to properly cover a large area to try and find a signal for that collar. I've notified up the chain and the direction is as we discussed that we do not want to release any news or notify the public until we've had a chance to find that juvenile with a fixed wing flight. I know you said you currently don't have any direct ability to have a fixed wing flight.

Do you know if the Florida Wildlife Commission has their own plane for telemetry work or has a pilot/plane under contract that could conduct the search? Same for Wildlife Services, do the guys that do work on the island or their agency in that area have access to a plane for telemetry work? Would your friends group be willing to pay a private pilot/plane to conduct a telemetry flight? I don't know how close it might be, but we were also wondering if USGS or other researchers doing the manatee work use fixed wing flights to track manatees anywhere close to your area and if they could look for this red wolf. I know Crystal River is not

right there, but it isn't too far away from a logistics standpoint to maybe come over, if the folks doing the manatee work there have that capability.

Let me know what you think. Or if you need/want assistance contacting any of these folks.

Thanks,

Joe Madison
Assistant Field Supervisor
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

On Wed, Feb 7, 2018 at 8:45 AM, Dan Frisk
<dan_frisk@fws.gov> wrote:

Joe..my cell number is 850.631.1612. I'm on the island with John and Bradley. If you get a chance I like discuss something with you.

Dan

Sent from my iPhone

On Feb 6, 2018, at 3:02 PM, Madison, Joseph
<joseph_madison@fws.gov> wrote:

<https://www.washingtonpost.com/news/national/wp/2018/02/05/feature/red-wolves-may-be-going-extinct-in-the-wild-again/>

Joe Madison
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joseph_madison@fws.gov

<oas_contracts_florida.docx>

"Frisk, Dan" <dan_frisk@fws.gov>

From: "Frisk, Dan" <dan_frisk@fws.gov>
Sent: Wed Feb 14 2018 10:05:07 GMT-0700 (MST)
To: Joseph Madison <joseph_madison@fws.gov>
Subject: Re: Just Checking In

Joe...we are working to get a fixed-winged aircraft contracted to fly over St. Vincent and the surrounding area. I will let you know when we get it firmed up. Bradley Smith is out of town on a personal matter so any help from your staff would be greatly appreciated.

Dan

Dan Frisk, Project Leader
North Florida Refuge Complex
P.O. Box 68
1255 Lighthouse Road
St. Marks, FL 32355
850-925-6121 office
850-925-6930 fax
dan_frisk@fws.gov

On Fri, Feb 9, 2018 at 3:30 PM, Joseph Madison <joseph_madison@fws.gov> wrote:
Dan,

I just wanted to see how things were going since we hadn't spoken in a few days. Any luck locating a fixed-wing aircraft to conduct a telemetry flight?

While I still advise holding off on any publicity regarding the missing red wolf until that flight can be conducted, at this point if it hasn't occurred already, it's a probably a decision that should be made out of the RO with External Affairs involvement, and likely both Refuges and ES staff involvement. I would very much like for you and I to stay in close contact regarding the missing juvenile and the adult pair, and I would like to continue to assist and support you in whatever way possible. I still see it as a viable option to send a couple of my staff down to assist with trapping for the juvenile should a signal be located for him.

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joseph_madison@fws.gov

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Let me know what you think. Or if you need/want assistance contacting any of these folks.

Thanks,

Joe Madison
Assistant Field Supervisor
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

On Wed, Feb 7, 2018 at 8:45 AM, Dan Frisk
<dan_frisk@fws.gov> wrote:

Joe..my cell number is 850.631.1612. I'm on the island with John and Bradley. If you get a chance I like discuss something with you.

Dan

Sent from my iPhone

On Feb 6, 2018, at 3:02 PM, Madison, Joseph
<joseph_madison@fws.gov> wrote:

<https://www.washingtonpost.com/news/national/wp/2018/02/05/feature/red-wolves-may-be-going-extinct-in-the-wild-again/>

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joseph_madison@fws.gov

Joseph Madison <joseph_madison@fws.gov>

From: Joseph Madison <joseph_madison@fws.gov>
Sent: Wed Feb 14 2018 14:19:07 GMT-0700 (MST)
To: "Frisk, Dan" <dan_frisk@fws.gov>
Subject: Re: Just Checking In

Dan,

I was already going to recommend you go ahead and stop trapping for the adult pair on St. Vincent because if they're going to breed there's a good chance she's already pregnant at this point and because I know it stretches your resources thin. With Bradley not available it seems even more like the recommendation should be to end capture operations.

Before I determine whether or not staff from here should come down to assist in finding the juvenile, I would like to have the results of a fixed wing monitoring flight.

Thanks,

Joe

Sent from my iPhone

On Feb 14, 2018, at 12:05 PM, Frisk, Dan <dan_frisk@fws.gov> wrote:

Joe...we are working to get a fixed-winged aircraft contracted to fly over St. Vincent and the surrounding area. I will let you know when we get it firmed up. Bradley Smith is out of town on a personal matter so any help from your staff would be greatly appreciated.

Dan

Dan Frisk, Project Leader
North Florida Refuge Complex
P.O. Box 68
1255 Lighthouse Road
St. Marks, FL 32355
850-925-6121 office
850-925-6930 fax
dan_frisk@fws.gov

On Fri, Feb 9, 2018 at 3:30 PM, Joseph Madison <joseph_madison@fws.gov> wrote:

Dan,

I just wanted to see how things were going since we hadn't spoken in a few days. Any luck locating a fixed-wing aircraft to conduct a telemetry flight?

While I still advise holding off on any publicity regarding the missing red wolf until that flight can be conducted, at this point if it hasn't occurred already, it's a probably a decision that should be made out of the RO with External Affairs involvement, and likely both Refuges and ES staff involvement. I would very much

like for you and I to stay in close contact regarding the missing juvenile and the adult pair, and I would like to continue to assist and support you in whatever way possible. I still see it as a viable option to send a couple of my staff down to assist with trapping for the juvenile should a signal be located for him.

Have a great weekend!

Joe

Sent from my iPhone

On Feb 7, 2018, at 7:22 PM, Dan Frisk <dan_frisk@fws.gov> wrote:

Joe... thanks. I will check out the OAS aircraft contractor tomorrow. We did some more road surveys today in new areas but did not pickup any signals.

I will let you know what we find out on the aircraft contractor.

Dan

Sent from my iPhone

On Feb 7, 2018, at 4:16 PM, Madison, Joseph <joseph_madison@fws.gov> wrote:

Dan,

I asked Michael to track down if there were any OAS certified aircraft contractors in your area. Attached appears to be the closest contractor with a federal contract. My guess is they are likely the contractor used by USGS for manatee monitoring, but I do not know that for sure. Anyway, it is a [potential option and they could potentially fly over the gulf monitoring as they go in case they pick up the signal washed out to sea, but that's a long shot and maybe a waste of time/money. .

Also, along those lines, St. Vincent NWR is currently listed as receiving \$25,000 in funding for FY18, although all funding is still being questioned so it is not set in stone.

It is my understanding that Leo and David Viker had a conversation today about the request to not allow the adults on St. Vincent to breed. I don't know anything more than that regarding their conversation.

Thank you for everything you and everyone down there is doing for red wolves.

Joe Madison
Assistant Field Supervisor
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way

Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

On Wed, Feb 7, 2018 at 10:27 AM, Dan Frisk
<dan_frisk@fws.gov> wrote:

Ok. We will call around to see if we can find a plane.

Sent from my iPhone

On Feb 7, 2018, at 9:47 AM, Madison, Joseph
<joseph_madison@fws.gov> wrote:

Dan,

As I mentioned on the phone, we really need a fixed wing flight to properly cover a large area to try and find a signal for that collar. I've notified up the chain and the direction is as we discussed that we do not want to release any news or notify the public until we've had a chance to find that juvenile with a fixed wing flight. I know you said you currently don't have any direct ability to have a fixed wing flight.

Do you know if the Florida Wildlife Commission has their own plane for telemetry work or has a pilot/plane under contract that could conduct the search? Same for Wildlife Services, do the guys that do work on the island or their agency in that area have access to a plane for telemetry work? Would your friends group be willing to pay a private pilot/plane to conduct a telemetry flight? I don't know how close it might be, but we were also wondering if USGS or other researchers doing the manatee work use fixed wing flights to track manatees anywhere close to your area and if they could look for this red wolf. I know Crystal River is not right there, but it isn't too far away from a logistics standpoint to maybe come over, if the folks doing the manatee work there have that capability.

Let me know what you think. Or if you need/want assistance contacting any of these folks.

Thanks,

Joe Madison
Assistant Field Supervisor
Eastern North Carolina Ecological Services
Sub-Office
U.S. Fish and Wildlife Service

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Joseph <joseph_madison@fws.gov> wrote:

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Joe Madison
Assistant Field Supervisor
Eastern North Carolina
Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

<oas_contracts_florida.docx>

Label: "FOIA 20190531"

Created by:ryan_nordsven@fws.gov

Total Messages in label:255 (70 conversations)

Created: 06-12-2019 at 13:31 PM

Conversation Contents

Fwd: [EXTERNAL] coyote depredation permit

Attachments:

/43. Fwd: [EXTERNAL] coyote depredation permit/1.1 image003.png
/43. Fwd: [EXTERNAL] coyote depredation permit/1.2 image001.png
/43. Fwd: [EXTERNAL] coyote depredation permit/1.3 image002.png
/43. Fwd: [EXTERNAL] coyote depredation permit/1.4 image004.png
/43. Fwd: [EXTERNAL] coyote depredation permit/1.5 Mattamuskeet Ventures SIGNED-Coyote Depredation Permit Map - 2018_Redacted.pdf

"Morse, Michael" <michael_i_morse@fws.gov>

From: "Morse, Michael" <michael_i_morse@fws.gov>
Sent: Thu Apr 19 2018 12:09:46 GMT-0600 (MDT)
To: Ryan Nordsven <ryan_nordsven@fws.gov>
Subject: Fwd: [EXTERNAL] coyote depredation permit
image003.png image001.png image002.png image004.png
Attachments: Mattamuskeet Ventures SIGNED-Coyote Depredation Permit Map - 2018_Redacted.pdf

----- Forwarded message -----

From: **Morse, Michael** <michael_i_morse@fws.gov>
Date: Thu, Apr 19, 2018 at 10:17 AM
Subject: Fwd: [EXTERNAL] coyote depredation permit
To: Joseph Madison <joseph_madison@fws.gov>, "Benjamin, Pete" <pete_benjamin@fws.gov>, Michelle Eversen <michelle_eversen@fws.gov>

Joe,

For your review. I was able to request, and receive a copy of the current depredation permit for ongoing coyote trapping on Mattamuskeet Ventures from Dr. David Cobb (NCWRC). It is valid for the dates of: 4/1/2018 - 5/30/2018. When I asked how a depredation permit could be issued in the absence of any depredation, I was told a permit could be issued for the instance of an "overpopulation"; and that the WRC sees any coyote as an overpopulation.

After reviewing the permit, I have an issue with the third bullet: "any red wolf captured must be reported immediately to the WRC [or] the FWS".

This should read: any red wolf captured (radio-collared or not) must be reported immediately and turned over to the USFWS at (252) 473-1131.

Also, the Service must request from the WRC that we are informed before any depredation permits are issued to private land owners for trapping activities in the 5-county, red wolf NEP. This current permit request first went to the WRC last September, so there was plenty of time to

discuss it with the Service if given the opportunity.

Thank you.

----- Forwarded message -----

From: **Cobb, David T.** <david.cobb@ncwildlife.org>

Date: Wed, Apr 18, 2018 at 4:48 PM

Subject: [EXTERNAL] coyote depredation permit

To: "Morse, Michael" <michael_l_morse@fws.gov>

Cc: Joseph Madison <joseph_madison@fws.gov>, "Myers, Gordon S." <gordon.myers@ncwildlife.org>, "Briggs, M. Kyle" <kyle.briggs@ncwildlife.org>, "Boynton, Allen" <allen.boynton@ncwildlife.org>

Michael,

Per your request by email earlier today, I have attached the coyote depredation permit for Mattamuskeet Ventures.

David

David T. Cobb, Ph.D.

Certified Wildlife Biologist

National Conservation Leadership Institute Fellow

Chief, Wildlife Management Division

N.C. Wildlife Resources Commission

1722 Mail Service Center

Raleigh, NC 27699-1722

919.707.0051

ncwildlife.org



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--

Michael L. Morse
Wildlife Biologist, USFWS
ENC ES Sub-Field Office
100 Conservation Way, PO Box 1969
Manteo, NC 27954
Work: (252) 473-1131, ext. 242
Cell#: **(252) 475-8350**

--

Michael L. Morse
Wildlife Biologist, USFWS
ENC ES Sub-Field Office
100 Conservation Way, PO Box 1969
Manteo, NC 27954
Work: (252) 473-1131, ext. 242
Cell#: **(252) 475-8350**

Label: "Mar 2019 FOIA/Trapping"

Created by: joseph_madison@fws.gov

Total Messages in label: 271 (48 conversations)

Created: 05-31-2019 at 12:08 PM

Conversation Contents

Brady Smith ATV Access for Futch Trapping

Attachments:

/44. Brady Smith ATV Access for Futch Trapping/1.1 Brady Smith ATV Access for Futch Trapping.pdf

"Turner, David P" <David.Turner@ncwildlife.org>

From: "Turner, David P" <David.Turner@ncwildlife.org>
Sent: Mon Feb 12 2018 14:07:16 GMT-0700 (MST)
To: "smithbc@gcsnc.us" <smithbc@gcsnc.us>
"Wayne, Robert M" <robert.wayne@ncwildlife.org>, "Cagle, Mark" <mark.cagle@ncwildlife.org>, "Ridgeway, William N" <William.Ridgeway@ncwildlife.org>, "joseph_madison@fws.gov" <joseph_madison@fws.gov>, "Shiple, Andrea J" <andrea.shiple@ncwildlife.org>
CC:
Subject: Brady Smith ATV Access for Futch Trapping
Attachments: Brady Smith ATV Access for Futch Trapping.pdf

Mr. Smith,

Attached is a permit allowing ATV use only on J. Morgan Futch Game Land for activities associated with your trapping permit. Please keep the gate locked while you are in there. You are only allowed to travel on the dikes, not inside the impoundments.

As we discussed on the phone, there is interests in coyotes and red wolves in Tyrrell County. If you are to catch any of those critters please contact:

Andrea Shiple – NCWRC mobile: 984-232-1542
Michael Morris – USFWS 252-473-1132 ext. 242 cell 252-475-8350
Ryan Nordsven – USFWS 252-473-1132 ext. 244 cell 252-475-8353
Joe Madison – USFWS 252-473-1132 ext. 245 cell 252-475-8259

Please give these numbers to your brothers who are trapping Texas Plantation.

Good luck trapping.

David

David Turner
Northern Coastal Management Biologist

North Carolina Wildlife Resources Commission
Mailing Address: 132 Marine Drive
Edenton, North Carolina 27932
office: 252-482-1808 // cell: 252-802-0217

ncwildlife.org

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Label: "FOIA 20190531"

Created by:ryan_nordsven@fws.gov

Total Messages in label:255 (70 conversations)

Created: 06-12-2019 at 13:34 PM

Conversation Contents

NCWRC Depredation Permit for Matt. Ventures (4/01/18 - 5/30/2018)

Attachments:

/44. NCWRC Depredation Permit for Matt. Ventures (4/01/18 - 5/30/2018)/1.1
Mattamuskeet Ventures SIGNED-Coyote Depredation Permit Map - 2018_Redacted
(1).pdf

"Morse, Michael" <michael_l_morse@fws.gov>

From: "Morse, Michael" <michael_l_morse@fws.gov>
Sent: Thu Apr 19 2018 08:26:24 GMT-0600 (MDT)
To: Ryan Nordsven <ryan_nordsven@fws.gov>, Shaun Olson <shaun_olson@fws.gov>
CC: Rebekah Martin <rebekah_p_martin@fws.gov>, Scott Lanier <scott_lanier@fws.gov>
Subject: NCWRC Depredation Permit for Matt. Ventures (4/01/18 - 5/30/2018)
Attachments: Mattamuskeet Ventures SIGNED-Coyote Depredation Permit Map - 2018_Redacted (1).pdf

As requested, for your review. Thank you,

Michael

--

Michael L. Morse
Wildlife Biologist, USFWS
ENC ES Sub-Field Office
100 Conservation Way, PO Box 1969
Manteo, NC 27954
Work: (252) 473-1131, ext. 242
Cell#: **(252) 475-8350**

Label: "Mar 2019 FOIA/Trapping"

Created by: joseph_madison@fws.gov

Total Messages in label: 271 (48 conversations)

Created: 05-31-2019 at 12:08 PM

Conversation Contents

St. Vincent

"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Tue Feb 06 2018 13:42:21 GMT-0700 (MST)
To: Michelle Eversen <michelle_eversen@fws.gov>, Pete Benjamin <pete_benjamin@fws.gov>
Subject: St. Vincent

Michelle,

I just got off the phone with Dan Frisk regarding St. Vincent.

As you, Pete and I discussed, I had directed them to conduct capture operations in an attempt to separate the breeding pair during the breeding season. They started those capture operations last week after hunting season ended, but have not captured anything yet. I was contemplating sending Ryan and/or Shaun down to assist because they are somewhat limited in their trapping abilities, but it wasn't possible last week and I was leery of sending them this week because of the government shutdown uncertainty.

Anyway, Dan passed along to me that in a recent discussion with David Viker, they talked about the situation at St. Vincent and that Dan had been asked to keep the pair from breeding. At least in Dan's interpretation of that discussion, it came across that David would like to have a discussion with someone higher than myself and/or have something in writing that summarizes the situation and directs them to prevent the adult pair from breeding.

Of course, he also mentioned that they are as anxious as we are to receive a decision regarding the juvenile wolf and that they still hold out hope he will be allowed to be released at ARNWR.

Respectfully,

Joe Madison
Assistant Field Supervisor
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

"Eversen, Michelle" <michelle_eversen@fws.gov>

From: "Eversen, Michelle" <michelle_eversen@fws.gov>
Sent: Wed Feb 07 2018 11:12:27 GMT-0700 (MST)

To: "Madison, Joseph" <joseph_madison@fws.gov>
CC: Pete Benjamin <pete_benjamin@fws.gov>
Subject: Re: St. Vincent

Joe -

Leo and David Viker are discussing the matter. If they need something in writing we can certainly provide that but I would like to allow them to have a conversation first.

So stand by.

Thanks for keeping us in the loop.

Michelle

On Tue, Feb 6, 2018 at 3:42 PM, Madison, Joseph <joseph_madison@fws.gov> wrote:

Michelle,

I just got off the phone with Dan Frisk regarding St. Vincent.

As you, Pete and I discussed, I had directed them to conduct capture operations in an attempt to separate the breeding pair during the breeding season. They started those capture operations last week after hunting season ended, but have not captured anything yet. I was contemplating sending Ryan and/or Shaun down to assist because they are somewhat limited in their trapping abilities, but it wasn't possible last week and I was leery of sending them this week because of the government shutdown uncertainty.

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Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

--

Michelle Eversen

Ecological Services Program Supervisor for KY, TN, NC, SC, GA, and the Caribbean
Southeast Region
U.S. Fish and Wildlife Service
1875 Century Blvd.

Atlanta, GA. 30345

1-404-679-4108 (Office and Mobile)

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Label: "FOIA 20190531"

Created by:ryan_nordsven@fws.gov

Total Messages in label:255 (70 conversations)

Created: 06-12-2019 at 13:34 PM

Conversation Contents

Yesterday's capture

Attachments:

/45. Yesterday's capture/4.1 image009.png
/45. Yesterday's capture/4.2 image010.png
/45. Yesterday's capture/4.3 image011.png
/45. Yesterday's capture/4.4 image012.png
/45. Yesterday's capture/5.1 image010.png
/45. Yesterday's capture/5.2 image011.png
/45. Yesterday's capture/5.3 image009.png
/45. Yesterday's capture/5.4 image012.png
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/45. Yesterday's capture/17.7 image009.png
/45. Yesterday's capture/17.8 image011.png

"Nordsven, Ryan" <ryan_nordsven@fws.gov>

From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Sent: Wed Feb 28 2018 10:09:30 GMT-0700 (MST)
To: "Shiple, Andrea J" <andrea.shiple@ncwildlife.org>
Subject: Yesterday's capture

Hey Andrea

I meant to ask you yesterday about the female you captured north of Engelhard - when you mentioned she was not tagged, did you mean PIT tagged? I wasn't sure if you have a reader that can detect Trovan chips. If she is indeed a wolf, there is a good chance she would have a Trovan chip that would identify her immediately. Just curious. Thanks.

--

Ryan Nordsven
Wildlife Biologist
US Fish & Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 x 244
Cell: (252) 475-8353

"Shiple, Andrea J" <andrea.shiple@ncwildlife.org>

From: "Shiple, Andrea J" <andrea.shiple@ncwildlife.org>
Sent: Wed Feb 28 2018 10:50:29 GMT-0700 (MST)
To: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Subject: Re: [External] Yesterday's capture

Hey Ryan,

I meant collar-tagged, but we have a biomark reader and we scanned her back area by the shoulders and didn't detect anything, but I'm not aware if the biomark reader can pick up trovan tags. We ended up placing a biomark PIT tag in her in addition to the collar.

I'll have the other info to you tomorrow.

All the best,

Andrea

Get [Outlook for iOS](#)

From: Nordsven, Ryan <ryan_nordsven@fws.gov>
Sent: Wednesday, February 28, 2018 12:09:30 PM
To: Shiple, Andrea J
Subject: [External] Yesterday's capture

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Hey Andrea

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Ryan Nordsven
Wildlife Biologist
US Fish & Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 x 244
Cell: (252) 475-8353

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"Nordsven, Ryan" <ryan_nordsven@fws.gov>

From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Sent: Wed Feb 28 2018 11:51:55 GMT-0700 (MST)
To: "Shiple, Andrea J" <andrea.shiple@ncwildlife.org>
Subject: Re: [External] Yesterday's capture

Sounds good. Thanks Andrea.

On Wed, Feb 28, 2018 at 12:50 PM, Shiple, Andrea J <andrea.shiple@ncwildlife.org> wrote:
Hey Ryan,

I meant collar-tagged, but we have a biomark reader and we scanned her back area by the shoulders and didn't detect anything, but I'm not aware if the biomark reader can pick up trovan tags. We ended up placing a biomark PIT tag in her in addition to the collar.

I'll have the other info to you tomorrow.

All the best,

Andrea

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Sent: Wednesday, February 28, 2018 12:09:30 PM
To: Shiple, Andrea J
Subject: [External] Yesterday's capture

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"Shipley, Andrea J" <andrea.shipley@ncwildlife.org>

From: "Shipley, Andrea J" <andrea.shipley@ncwildlife.org>
Sent: Fri Mar 02 2018 06:56:44 GMT-0700 (MST)
To: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
CC: "McAlister, John W" <john.mcalister@ncwildlife.org>
Subject: RE: [External] Yesterday's capture
Attachments: image009.png image010.png image011.png image012.png

Hey Ryan,

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I'm in the office today and can talk on the phone after 10:30.

Thanks,

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Andrea J. Shipley
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mobile: 984-232-1542

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From: Nordsven, Ryan [mailto:ryan_nordsven@fws.gov]
Sent: Wednesday, February 28, 2018 1:52 PM
To: Shipley, Andrea J <andrea.shipley@ncwildlife.org>
Subject: Re: [External] Yesterday's capture

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From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Sent: Fri Mar 02 2018 07:30:36 GMT-0700 (MST)
To: "Shipley, Andrea J" <andrea.shipley@ncwildlife.org>
CC: "McAlister, John W" <john.mcalister@ncwildlife.org>
Subject: Re: [External] Yesterday's capture
Attachments: image010.png image011.png image009.png image012.png

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Sent: Fri Mar 02 2018 08:55:45 GMT-0700 (MST)
To: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
CC: "McAlister, John W" <john.mcalister@ncwildlife.org>
Subject: RE: [External] Yesterday's capture
image009.png image010.png image011.png image012.png
Attachments: image001.png image003.png image005.png image007.png
IMG_9412.JPG

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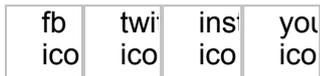
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"Nordsven, Ryan" <ryan_nordsven@fws.gov>

From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Sent: Fri Mar 02 2018 09:28:04 GMT-0700 (MST)
To: "Shiple, Andrea J" <andrea.shiple@ncwildlife.org>
CC: "McAlister, John W" <john.mcalister@ncwildlife.org>
Subject: Re: [External] Yesterday's capture
Attachments: image005.png image001.png image007.png image010.png
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Sent: Fri Mar 02 2018 09:58:08 GMT-0700 (MST)
To: "Shiple, Andrea J" <andrea.shiple@ncwildlife.org>
CC: "McAlister, John W" <john.mcalister@ncwildlife.org>
Subject: Re: [External] Yesterday's capture
Attachments: image005.png image011.png image009.png image008.png
image006.png image010.png image012.png image007.png

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image001.png image002.png image003.png image004.png
Collar21867_Registration.keyx

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I've attached the key for the collar on CAN-18-006F. Let me know if you have any issues.

Thanks,

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Sent: Friday, March 09, 2018 1:17 PM

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Cc: McAlister, John W <john.mcalister@ncwildlife.org>

Subject: Re: [External] Yesterday's capture

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NC Wildlife Resources Commission

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Sent: Fri Mar 09 2018 11:45:29 GMT-0700 (MST)
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Attachments: image005.png image006.png image007.png image008.png
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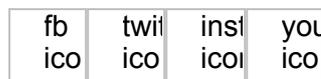
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Andrea

Andrea J. Shipley
Canid Biologist, Wildlife Diversity Program

NC Wildlife Resources Commission
[38 Mattamuskeet Rd, Swan Quarter, NC 27885](https://www.ncwildlife.org/locations/38-Mattamuskeet-Rd-Swan-Quarter-NC-27885)
office: 252-926-0266
mobile: 984-232-1542

[ncwildlife.org](https://www.ncwildlife.org)



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Sent: Wednesday, February 28, 2018 1:52 PM
To: Shipley, Andrea J <andrea.shipley@ncwildlife.org>
Subject: Re: [External] Yesterday's capture

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From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Sent: Tue Mar 13 2018 11:12:46 GMT-0600 (MDT)
To: "Shiple, Andrea J" <andrea.shiple@ncwildlife.org>
Subject: Re: [External] Yesterday's capture
Attachments: image008.png image007.png image009.png image006.png
image012.png image011.png image005.png image010.png

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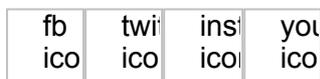
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Subject: RE: [External] Yesterday's capture
Attachments: image005.png image006.png image007.png image008.png
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Hey Ryan,

Thanks for the update! Glad we grabbed a hair sample then; I wasn't going to send that one out to the lab, but I will now. By all appearances it looks to be a coyote and if you all think it is a coyote, it likely is. I'll let you know what the genetics come back as though!

Thanks again,

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US Fish & Wildlife Service
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Manteo, NC 27954
Office: (252) 473-1132 x 244
Cell: (252) 475-8353

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"Nordsven, Ryan" <ryan_nordsven@fws.gov>

From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Sent: Tue Mar 13 2018 13:46:06 GMT-0600 (MDT)
To: "Shiple, Andrea J" <andrea.shiple@ncwildlife.org>
Subject: Re: [External] Yesterday's capture
Attachments: image006.png image008.png image005.png image007.png
image010.png image012.png image009.png image011.png

Sounds good. Thanks Andrea!

On Tue, Mar 13, 2018 at 1:16 PM, Shiple, Andrea J <andrea.shiple@ncwildlife.org> wrote:
Hey Ryan,

Thanks for the update! Glad we grabbed a hair sample then; I wasn't going to send that one out to the lab, but I will now. By all appearances it looks to be a coyote and if you all think it is a coyote, it likely is. I'll let you know what the genetics come back as though!

Thanks again,

Andrea

Andrea J. Shiple
Canid Biologist, Wildlife Diversity Program

NC Wildlife Resources Commission
[38 Mattamuskeet Rd, Swan Quarter, NC 27885](http://38MattamuskeetRd.SwanQuarter.NC27885)
[office: 252-926-0266](tel:252-926-0266)
[mobile: 984-232-1542](tel:984-232-1542)

ncwildlife.org



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From: Nordsven, Ryan [mailto:ryan_nordsven@fws.gov]
Sent: Tuesday, March 13, 2018 1:13 PM
To: Shiple, Andrea J <andrea.shiple@ncwildlife.org>
Subject: Re: [External] Yesterday's capture

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We didn't do any genetic testing on that one Andrea. I was out of town when it was captured but I don't think we even drew a blood sample since it was obvious it was not a red wolf and since we were going to turn it over to you.
If we had sent a sample off for genetics it would have went to Lisette's lab in Idaho, same as yours so I imagine the results would have been the same.

On Tue, Mar 13, 2018 at 10:40 AM, Shiple, Andrea J <andrea.shiple@ncwildlife.org> wrote:

Hey Ryan,

That coyote we released last week, would you be able to send me a copy of the genetic results from your testing? I need to write up a report and will need to include those results.

Thanks,

Andrea

Andrea J. Shipley
Canid Biologist, Wildlife Diversity Program

NC Wildlife Resources Commission
[38 Mattamuskeet Rd, Swan Quarter, NC 27885](#)
office: 252-926-0266
mobile: 984-232-1542

ncwildlife.org



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From: Nordsven, Ryan [mailto:ryan_nordsven@fws.gov]
Sent: Friday, March 09, 2018 1:45 PM

To: Shipley, Andrea J <andrea.shipley@ncwildlife.org>
Subject: Re: [External] Yesterday's capture

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Thanks Andrea. Glad everything went well!

On Fri, Mar 9, 2018 at 1:35 PM, Shipley, Andrea J <andrea.shipley@ncwildlife.org> wrote:

Hey Ryan,

Thanks for all the help yesterday! The release went really well.

I've attached the key for the collar on CAN-18-006F. Let me know if you have any issues.

Thanks,

Andrea

Andrea J. Shipley
Canid Biologist, Wildlife Diversity Program

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office: 252-926-0266
mobile: 984-232-1542

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From: Nordsven, Ryan [mailto:ryan_nordsven@fws.gov]
Sent: Friday, March 09, 2018 1:17 PM
To: Shipley, Andrea J <andrea.shipley@ncwildlife.org>
Cc: McAlister, John W <john.mcalister@ncwildlife.org>
Subject: Re: [External] Yesterday's capture

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Hi Andrea.

Just wanted to circle back and ask if you could send me the collar key for the female captured on G. Floyd's. Thanks much.

Ryan

On Fri, Mar 2, 2018 at 12:02 PM, Shipley, Andrea J <andrea.shipley@ncwildlife.org> wrote:

I thought so as well, after we took her weight, but I'm glad to hear you think so too. I was unaware that you all had done work on Gordon's property. Good to know!

Andrea J. Shipley

Canid Biologist, Wildlife Diversity Program

NC Wildlife Resources Commission

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From: Nordsven, Ryan [mailto:ryan_nordsven@fws.gov]

Sent: Friday, March 02, 2018 11:58 AM

To: Shipley, Andrea J <andrea.shipley@ncwildlife.org>

Cc: McAlister, John W <john.mcalister@ncwildlife.org>

Subject: Re: [External] Yesterday's capture

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I just looked at her measurements and they certainly are consistent with a female red wolf. Although her body weight is a little on the light side, it is also within the normal range of a female wolf. I didn't realize she was captured on Gordon Floyd's property. We've captured wolves on that property in the past as well, although, like Pete indicated, the decline in wolf numbers in recent years has resulted in some recent hybridization in that general area. It will be interesting to see the genetics. Thanks for sharing this info.

On Fri, Mar 2, 2018 at 11:32 AM, Shipley, Andrea J <andrea.shipley@ncwildlife.org> wrote:

That would be great and I'd be happy to keep one on hand.

Andrea J. Shipley

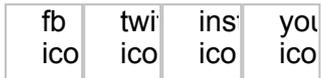
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From: Nordsven, Ryan [mailto:ryan_nordsven@fws.gov]
Sent: Friday, March 02, 2018 11:28 AM

To: Shipley, Andrea J <andrea.shipley@ncwildlife.org>
Cc: McAlister, John W <john.mcalister@ncwildlife.org>
Subject: Re: [External] Yesterday's capture

CAUTION: External email. Do not click links or open attachments unless verified. Send all suspicious email as an attachment to [Report Spam](#).

Well she definitely has a wolf head on her! We'll have to try to get you a Trovan reader to use before next trapping season.

Thanks Andrea

On Fri, Mar 2, 2018 at 10:55 AM, Shipley, Andrea J <andrea.shipley@ncwildlife.org> wrote:

Hey Ryan,

Okay, great! My schedule next week is very flexible, so we can make any day work.

I am going to be writing up the capture report today and I will CC you on that email so you'll have that and the data sheet for your records. I am planning on mailing off the hair sample on Monday. Not sure what the turnaround time will be for that, but I'll keep you posted.

I am really curious about this canid as well. Pete thought perhaps it could be a hybrid from the pair in that area that are suspected to be putting out hybrids. He mentioned a desire to try and capture and collar that pair and seemed open to us coordinating on that. I would be very interested in placing collars on that pair.

I've attached a photo of the female – she does lean toward wolf-like in appearance, though I understand that may not translate to the same thing genetics-wise.

All the best,

Andrea

Andrea J. Shipley
Canid Biologist, Wildlife Diversity Program

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[38 Mattamuskeet Rd, Swan Quarter, NC 27885](#)
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mobile: 984-232-1542

ncwildlife.org



From: Nordsven, Ryan [mailto:ryan_nordsven@fws.gov]
Sent: Friday, March 02, 2018 9:31 AM
To: Shipley, Andrea J <andrea.shipley@ncwildlife.org>
Cc: McAlister, John W <john.mcalister@ncwildlife.org>

Subject: Re: [External] Yesterday's capture

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Hi Andrea,

That's good news - glad you're able to use him. We should be able to meet next week, I'm just not sure what day yet. We are planning on meeting as a group on Monday since we've all been out of town recently so I'll see what works for everyone and let you know then. This was not a sterile placeholder, just a random coyote captured by a private trapper.

On a side note, do you happen to have processing information available for the female you captured on Tuesday? I've been curious about that one. The proximity to Ventures and Lux, and even ARNWR makes it very possible she may be a wolf.

Thanks,

Ryan

On Fri, Mar 2, 2018 at 8:56 AM, Shipley, Andrea J <andrea.shipley@ncwildlife.org> wrote:

Hey Ryan,

I just spoke with the landowner about releasing that coyote on his property, he's given me the okay to do so as long as I do it next week. Is there a day next week that'll work for you to meet up to process at the REC building?

I ran into Pete at the NCTWS meeting on Wednesday and he mentioned that this coyote may be a sterile placeholder, but couldn't recall definitively. Is that the case?

I'm in the office today and can talk on the phone after 10:30.

Thanks,

Andrea

Andrea J. Shipley
Canid Biologist, Wildlife Diversity Program

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From: Nordsven, Ryan [mailto:ryan_nordsven@fws.gov]
Sent: Wednesday, February 28, 2018 1:52 PM
To: Shipley, Andrea J <andrea.shipley@ncwildlife.org>

Subject: Re: [External] Yesterday's capture

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Sounds good. Thanks Andrea.

On Wed, Feb 28, 2018 at 12:50 PM, Shipley, Andrea J <andrea.shipley@ncwildlife.org> wrote:

Hey Ryan,

I meant collar-tagged, but we have a biomark reader and we scanned her back area by the shoulders and didn't detect anything, but I'm not aware if the biomark reader can pick up trovan tags. We ended up placing a biomark PIT tag in her in addition to the collar.

I'll have the other info to you tomorrow.

All the best,

Andrea

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From: Nordsven, Ryan <ryan_nordsven@fws.gov>
Sent: Wednesday, February 28, 2018 12:09:30 PM
To: Shipley, Andrea J
Subject: [External] Yesterday's capture

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Hey Andrea

I meant to ask you yesterday about the female you captured north of Engelhard - when you mentioned she was not tagged, did you mean PIT tagged? I wasn't sure if you have a reader that can detect Trovan chips. If she is indeed a wolf, there is a good chance she would have a Trovan chip that would identify her immediately. Just curious. Thanks.

--

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Label: "FOIA 20190531"

Created by:ryan_nordsven@fws.gov

Total Messages in label:255 (70 conversations)

Created: 06-12-2019 at 13:39 PM

Conversation Contents

CAN-18-007M Capture Report

Attachments:

/46. CAN-18-007M Capture Report/1.1 CAN-18-007M Release 2.pdf
/46. CAN-18-007M Capture Report/1.2 CAN-18-007M.pdf
/46. CAN-18-007M Capture Report/1.3 image002.png
/46. CAN-18-007M Capture Report/1.4 image004.png
/46. CAN-18-007M Capture Report/1.5 image006.png
/46. CAN-18-007M Capture Report/1.6 image008.png

"Shipley, Andrea J" <andrea.shipley@ncwildlife.org>

From: "Shipley, Andrea J" <andrea.shipley@ncwildlife.org>
Sent: Fri Mar 09 2018 12:02:55 GMT-0700 (MST)
To: "Boynton, Allen" <allen.boynton@ncwildlife.org>, "Cobb, David T." <david.cobb@ncwildlife.org>
CC: "McAlister, John W" <john.mcalister@ncwildlife.org>, "ryan_nordsven (ryan_nordsven@fws.gov)" <ryan_nordsven@fws.gov>
Subject: CAN-18-007M Capture Report
Attachments: CAN-18-007M Release 2.pdf CAN-18-007M.pdf image002.png image004.png image006.png image008.png

Good afternoon, Yesterday morning, Worth and I met up with Ryan Nordsven and Shaun Olson of the RWRP at the REC building in Columbia, NC to collar the adult male coyote that had been turned in to them by a trapper earlier in the trapping season. After mechanically restraining the coyote in the pen, I administered 0.2cc of the immobilization drug, followed by an additional 0.1cc after 10 minutes. Once the coyote was fully under, we loaded it into the kennel and transported it from the pen to the building for processing. Worth took the lead for processing and dealt with overheating effectively (ice pack to the groin and alcohol to the foot pads). We were able to reduce the coyotes' body temperature to below 104F within 15 minutes. Overheating was likely due to stress from the mechanical restraint as the coyote had been running inside the pen during our approach. Worth was able to perform a full work up of the coyote and we collared it with a GPS collar, size adjusted to fit the coyote. Please refer to the data sheet attached for all work up information. Upon completion of the workup, I administered the reversal agents and placed the coyote in the kennel for transportation to the release site. Worth and I drove to Mr. Glover's property, on the northeast end of Lake Mattamuskeet, just off North Lake rd. and released the coyote onto his property without issue. Please let me know if you have any questions, concerns, or comments. Thank you, Andrea -----

----- Andrea J. Shipley Canid Biologist, Wildlife Diversity Program NC Wildlife Resources Commission 38 Mattamuskeet Rd, Swan Quarter, NC 27885 office: 252-926-0266 mobile: 984-232-1542 ncwildlife.org [fb icon][twitter icon][insta icon][youtube icon]

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Label: "Mar 2019 FOIA/Trapping"

Created by: joseph_madison@fws.gov

Total Messages in label: 271 (48 conversations)

Created: 05-31-2019 at 12:08 PM

Conversation Contents

Decision Memo Regarding St. Vincent Juvenile Red Wolf

Attachments:

/46. Decision Memo Regarding St. Vincent Juvenile Red Wolf/1.1 DRAFT DECISION MEMO FOR THE ESARD_011818.docx
/46. Decision Memo Regarding St. Vincent Juvenile Red Wolf/1.2 email_fr_rebekah_martin_re_st_vincent_wolf_010318.pdf
/46. Decision Memo Regarding St. Vincent Juvenile Red Wolf/2.1 DRAFT DECISION MEMO FOR THE ESARD_011818.docx
/46. Decision Memo Regarding St. Vincent Juvenile Red Wolf/4.1 DRAFT DECISION MEMO FOR THE ESARD_011818.docx
/46. Decision Memo Regarding St. Vincent Juvenile Red Wolf/7.1 DRAFT DECISION MEMO FOR THE ESARD_011818LMMEComments.docx

"Eversen, Michelle" <michelle_eversen@fws.gov>

From: "Eversen, Michelle" <michelle_eversen@fws.gov>
Sent: Thu Jan 18 2018 10:17:30 GMT-0700 (MST)
To: Leopoldo Miranda <leopoldo_miranda@fws.gov>
CC: Pete Benjamin <Pete_Benjamin@fws.gov>, Joseph Madison <joseph_madison@fws.gov>
Subject: Decision Memo Regarding St. Vincent Juvenile Red Wolf
Attachments: DRAFT DECISION MEMO FOR THE ESARD_011818.docx
email_fr_rebekah_martin_re_st_vincent_wolf_010318.pdf

Leo,

Please find attached a draft Decision Memo regarding the now almost 2 year old juvenile Red Wolf on St. Vincent's Island.

There is also supporting information from Refuges.

Please review and let me know if you have questions and how you would like to proceed.

Thank you for time and consideration of this time sensitive issue.

Respectfully,

Michelle

--

Michelle Eversen

Ecological Services Program Supervisor for KY, TN, NC, SC, GA, and the Caribbean
Southeast Region
U.S. Fish and Wildlife Service

1875 Century Blvd.
Atlanta, GA. 30345

1-404-679-4108 (Office and Mobile)

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"Miranda, Leopoldo" <leopoldo_miranda@fws.gov>

From: "Miranda, Leopoldo" <leopoldo_miranda@fws.gov>
Sent: Thu Jan 18 2018 11:21:23 GMT-0700 (MST)
To: "Eversen, Michelle" <michelle_eversen@fws.gov>
CC: Pete Benjamin <Pete_Benjamin@fws.gov>, Joseph Madison <joseph_madison@fws.gov>
Subject: Re: Decision Memo Regarding St. Vincent Juvenile Red Wolf
Attachments: DRAFT DECISION MEMO FOR THE ESARD_011818.docx

attached are my comments. I saw Rebekah's comments and I believe she has it backwards. Releasing new wolves into the NEP is not part of the current rule. Relocating wolves already part of the NEP within the NEP, that we can still do and don't require a compatibility determination.

Leopoldo "Leo" Miranda
U.S. Fish and Wildlife Service
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Southeast U.S., Puerto Rico and U.S. Virgin Islands
1875 Century Boulevard
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1-404-679-7085 (phone)
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Leopoldo_Miranda@fws.gov

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On Thu, Jan 18, 2018 at 12:17 PM, Eversen, Michelle <michelle_eversen@fws.gov> wrote:

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Michelle

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Michelle Eversen

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"Eversen, Michelle" <michelle_eversen@fws.gov>

From: "Eversen, Michelle" <michelle_eversen@fws.gov>
Sent: Thu Jan 18 2018 12:02:23 GMT-0700 (MST)
To: "Miranda, Leopoldo" <leopoldo_miranda@fws.gov>
CC: Pete Benjamin <Pete_Benjamin@fws.gov>, Joseph Madison <joseph_madison@fws.gov>
Subject: Re: Decision Memo Regarding St. Vincent Juvenile Red Wolf

Leo -

As to Rebekah's note - I think it is a different perspective. I believe their perspective is that if it is an action that is needed for the health of the pack on the refuge then it is consistent not relative to the 10j. That said I certainly see your perspective as well. I don't think she realizes that we consider St. Vincent animals to be part of the NEP.

As to your comments within the document - I don't see anything in red line - did you just make changes so we just re-read.

Michelle

On Thu, Jan 18, 2018 at 1:21 PM, Miranda, Leopoldo <leopoldo_miranda@fws.gov> wrote:

attached are my comments. I saw Rebekah's comments and I believe she has it backwards. Releasing new wolves into the NEP is not part of the current rule. Relocating wolves already part of the NEP within the NEP, that we can still do and don't require a compatibility determination.

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On Thu, Jan 18, 2018 at 12:17 PM, Eversen, Michelle <michelle_eversen@fws.gov> wrote:
Leo,

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Michelle Eversen

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Michelle Eversen

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"Miranda, Leopoldo" <leopoldo_miranda@fws.gov>

From: "Miranda, Leopoldo" <leopoldo_miranda@fws.gov>
Sent: Thu Jan 18 2018 12:06:42 GMT-0700 (MST)
To: "Eversen, Michelle" <michelle_eversen@fws.gov>
Pete Benjamin <Pete_Benjamin@fws.gov>, Joseph Madison

CC: <joseph_madison@fws.gov>

Subject: Re: Decision Memo Regarding St. Vincent Juvenile Red Wolf

Attachments: DRAFT DECISION MEMO FOR THE ESARD_011818.docx

I don't have any red line just comments/questions... Just to be clear, St Vincent animals are not NEP animals. They are part of the "propagation population" and fully protected as "Endangered"....

Leopoldo "Leo" Miranda
U.S. Fish and Wildlife Service
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Leopoldo_Miranda@fws.gov

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On Thu, Jan 18, 2018 at 2:02 PM, Eversen, Michelle <michelle_eversen@fws.gov> wrote:

Leo -

As to Rebekah's note - I think it is a different perspective. I believe their perspective is that if it is an action that is needed for the health of the pack on the refuge then it is consistent not relative to the 10j. That said I certainly see your perspective as well. I don't think she realizes that we consider St. Vincent animals to be part of the NEP.

As to your comments within the document - I don't see anything in red line - did you just make changes so we just re-read.

Michelle

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Leopoldo_Miranda@fws.gov

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On Thu, Jan 18, 2018 at 12:17 PM, Eversen, Michelle <michelle_eversen@fws.gov> wrote:

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Michelle Eversen

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Southeast Region

U.S. Fish and Wildlife Service

[1875 Century Blvd.](#)

[Atlanta, GA. 30345](#)

[1-404-679-4108](#) (Office and Mobile)

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"Eversen, Michelle" <michelle_eversen@fws.gov>

From: "Eversen, Michelle" <michelle_eversen@fws.gov>
Sent: Thu Jan 18 2018 12:22:27 GMT-0700 (MST)
To: "Miranda, Leopoldo" <leopoldo_miranda@fws.gov>
CC: Pete Benjamin <Pete_Benjamin@fws.gov>, Joseph Madison <joseph_madison@fws.gov>
Subject: Re: Decision Memo Regarding St. Vincent Juvenile Red Wolf

Leo -

Then we will await your decision.

Michelle

On Thu, Jan 18, 2018 at 2:06 PM, Miranda, Leopoldo <leopoldo_miranda@fws.gov> wrote:

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"Miranda, Leopoldo" <leopoldo_miranda@fws.gov>

From: "Miranda, Leopoldo" <leopoldo_miranda@fws.gov>
Sent: Thu Jan 18 2018 12:36:46 GMT-0700 (MST)
To: "Eversen, Michelle" <michelle_eversen@fws.gov>
CC: Pete Benjamin <Pete_Benjamin@fws.gov>, Joseph Madison <joseph_madison@fws.gov>
Subject: Re: Decision Memo Regarding St. Vincent Juvenile Red Wolf

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From: "Eversen, Michelle" <michelle_eversen@fws.gov>
Sent: Thu Jan 18 2018 13:26:12 GMT-0700 (MST)
To: "Miranda, Leopoldo" <leopoldo_miranda@fws.gov>
CC: Pete Benjamin <Pete_Benjamin@fws.gov>, Joseph Madison <joseph_madison@fws.gov>

Subject: Re: Decision Memo Regarding St. Vincent Juvenile Red Wolf
Attachments: DRAFT DECISION MEMO FOR THE
ESARD_011818LMMEComments.docx

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Sent: Thu Jan 18 2018 13:31:07 GMT-0700 (MST)
To: "Eversen, Michelle" <michelle_eversen@fws.gov>
CC: Pete Benjamin <Pete_Benjamin@fws.gov>, Joseph Madison <joseph_madison@fws.gov>
Subject: Re: Decision Memo Regarding St. Vincent Juvenile Red Wolf

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From: "Miranda, Leopoldo" <leopoldo_miranda@fws.gov>
Sent: Thu Jan 18 2018 14:08:30 GMT-0700 (MST)
To: "Eversen, Michelle" <michelle_eversen@fws.gov>
CC: Pete Benjamin <Pete_Benjamin@fws.gov>, Joseph Madison <joseph_madison@fws.gov>
Subject: Re: Decision Memo Regarding St. Vincent Juvenile Red Wolf

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"Benjamin, Pete" <pete_benjamin@fws.gov>

From: "Benjamin, Pete" <pete_benjamin@fws.gov>
Sent: Fri Jan 19 2018 08:09:15 GMT-0700 (MST)
To: Joseph Madison <joseph_madison@fws.gov>
Subject: Fwd: Decision Memo Regarding St. Vincent Juvenile Red Wolf

Regarding Leo's questions assuming thumbs up: 1) I'm guessing the guys would want to capture the female we are hoping to pair him with and put them together in a soft release pen for awhile - is that correct? 2) I knew we'd need to do this. Can you coordinate it with Andrea? 3) not sure who is supposed to coordinate with NCWRC or how.

Assuming thumbs down: I think we would say that the REC is an option of last resort for a wild animal. Do you agree? We already discussed this animal at the SSP meeting and there is no room in the Inn - correct? And, I think the new facility at the NC Zoo was already spoken for at the SSP meeting. Can you confirm that with Emily?

Pete Benjamin
Field Supervisor
Raleigh ES Field Office
U.S. Fish and Wildlife Service
551F Pylon Drive
Raleigh, NC 27606
Office: (919) 856-4520 x 11
Mobile: (919) 816-6408

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----- Forwarded message -----

From: **Miranda, Leopoldo** <leopoldo_miranda@fws.gov>
Date: Thu, Jan 18, 2018 at 4:08 PM
Subject: Re: Decision Memo Regarding St. Vincent Juvenile Red Wolf
To: "Eversen, Michelle" <michelle_eversen@fws.gov>
Cc: Pete Benjamin <Pete_Benjamin@fws.gov>, Joseph Madison <joseph_madison@fws.gov>

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There is also supporting information from Refuges.

Please review and let me know if you have questions and how you would like to proceed.

Thank you for time and consideration of this time sensitive issue.

Respectfully,

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"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Fri Jan 19 2018 09:22:45 GMT-0700 (MST)
To: "Benjamin, Pete" <pete_benjamin@fws.gov>
Subject: Re: Decision Memo Regarding St. Vincent Juvenile Red Wolf

Pete,

Yes, our general plan was to construct a soft release pen within her current territory and attempt to capture her and put her with him in the pen. I think we could relatively easily physically get a GPS collar from Andrea. I guess the question will be if they see it as one of the animals they would like to use one of their limited collars on. I'm not sure about the coordination with NCWRC to get their okay to release a red wolf onto the refuge. Are we being asked to get official approval from the State and at what level or more like providing them a head's up and general buy in?

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make room for the wolf from St. Vincent. From a population standpoint and definitely from an optics standpoint, both with the public and our partners, I don't think that would sit very well. With our current relationship with the SSP, it could potentially strain it more. I know we are partners and we have some capacity to request specific things from them, but I also worry if we try to micromanage each slot that it might further erode our relationship. I don't know what specifically happened with the additional spots we helped fund at NC Zoo, but I do know that as part of this exercise I contacted Will and he said in no uncertain terms that there is no space and as you said, I believe those spots are already taken. I'll see if Emily knows about those specific spaces.

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On Fri, Jan 19, 2018 at 10:09 AM, Benjamin, Pete <pete_benjamin@fws.gov> wrote:

Regarding Leo's questions assuming thumbs up: 1) I'm guessing the guys would want to capture the female we are hoping to pair him with and put them together in a soft release pen for awhile - is that correct? 2) I knew we'd need to do this. Can you coordinate it with Andrea? 3) not sure who is supposed to coordinate with NCWRC or how.

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From: **Miranda, Leopoldo** <leopoldo_miranda@fws.gov>
Date: Thu, Jan 18, 2018 at 4:08 PM
Subject: Re: Decision Memo Regarding St. Vincent Juvenile Red Wolf
To: "Eversen, Michelle" <michelle_eversen@fws.gov>
Cc: Pete Benjamin <Pete_Benjamin@fws.gov>, Joseph Madison <joseph_madison@fws.gov>

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"Benjamin, Pete" <pete_benjamin@fws.gov>

From: "Benjamin, Pete" <pete_benjamin@fws.gov>
Sent: Fri Jan 19 2018 09:46:32 GMT-0700 (MST)
To: "Madison, Joseph" <joseph_madison@fws.gov>
CC: Michelle Eversen <michelle_eversen@fws.gov>

Subject:

Re: Decision Memo Regarding St. Vincent Juvenile Red Wolf

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Sent: Fri Jan 19 2018 11:49:48 GMT-0700 (MST)
To: "Benjamin, Pete" <pete_benjamin@fws.gov>
CC: "Madison, Joseph" <joseph_madison@fws.gov>
Subject: Re: Decision Memo Regarding St. Vincent Juvenile Red Wolf

Ok - Let's not give up completely yet. We need to have answers to the questions from Leo.

Based on your responses Joe I believe that the answers are as follows and will be responding to Leo accordingly.

1. Would it be a "soft" or "hard" release. - The plan is for a soft release - with goal of temporary pinning the male in with female on the refuge.
2. Needs to have a GPS collar. Do we have them? - We do not physically have them but believe that we could get one from NC.
3. Need to have OK from the NCWRC. - I believe this is a statement only and that once we hear back from DOJ it would be at both Pete and Leo's level.

I fully agree with both of you on the functionality of the REHC housing wild wolves. My comments in response to Leo's questions are aligned with that.

However, I want to clarify his questions about moving animals into and out of the SSP. We have discussed doing this and I think it is a good idea if done correctly and appropriately - granted probably better accomplished moving puppies than adult wolves.

But because we have said that as part of plan to manage the NEP with SSP, is an exchange between the two, we need to substantiate why that would not be the obvious choice for what to do with this wolf since it is of breeding age and there are animals in the SSP that are past breeding age.

Lastly, we do need to know specifically how the spaces in NC are being used - such that they are full because we funded that. I am not questioning any of the decisions by the SSP or the NC zoo as to how to best use that space but we do need to know the what and the why as matter of reporting. So Joe please work with Emily on that.

Thank you for your insight and input on this.

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Cc: Pete Benjamin <Pete_Benjamin@fws.gov>, Joseph Madison <joseph_madison@fws.gov>

Thanks! I'm checking with SOL and DOJ... I think the big legal issue here is our authority to release animals from within the NEP (relocation) vs from outside the NEP (reintroduction) and the almost precedent setting release of a young adult... If we get legal clearance to release it, here are a few questions/needs:

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"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Fri Jan 19 2018 14:14:51 GMT-0700 (MST)
To: "Eversen, Michelle" <michelle_eversen@fws.gov>
CC: "Benjamin, Pete" <pete_benjamin@fws.gov>
Subject: Re: Decision Memo Regarding St. Vincent Juvenile Red Wolf

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That's my two cents worth.

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Based on your responses Joe I believe that the answers are as follows and will be responding to Leo accordingly.

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Pete Benjamin
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On Fri, Jan 19, 2018 at 10:09 AM, Benjamin, Pete <pete_benjamin@fws.gov> wrote:

Regarding Leo's questions assuming thumbs up: 1) I'm guessing the guys would want to capture the female we are hoping to pair him with and put them together in a soft release pen for awhile - is that correct? 2) I knew we'd need to do this. Can you coordinate it with Andrea? 3) not sure who is supposed to coordinate with NCWRC or how.

Assuming thumbs down: I think we would say that the REC is an option of last resort for a wild animal. Do you agree? We already discussed this animal at the SSP meeting and there is no room in the Inn - correct? And, I think the new facility at the NC Zoo was already spoken for at the SSP meeting. Can you confirm that with Emily?

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From: **Miranda, Leopoldo** <leopoldo_miranda@fws.gov>
Date: Thu, Jan 18, 2018 at 4:08 PM
Subject: Re: Decision Memo Regarding St. Vincent Juvenile Red Wolf
To: "Eversen, Michelle" <michelle_eversen@fws.gov>
Cc: Pete Benjamin <Pete_Benjamin@fws.gov>, Joseph Madison <joseph_madison@fws.gov>

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"Eversen, Michelle" <michelle_eversen@fws.gov>

From: "Eversen, Michelle" <michelle_eversen@fws.gov>
Sent: Fri Jan 19 2018 15:45:50 GMT-0700 (MST)
To: "Madison, Joseph" <joseph_madison@fws.gov>
CC: "Benjamin, Pete" <pete_benjamin@fws.gov>
Subject: Re: Decision Memo Regarding St. Vincent Juvenile Red Wolf

I would like to have a call with the two of you to discuss this on Monday regardless of the shut-down. I will reach out and propose a time once we know if we are going to have to be collecting computers and gathering signatures on Monday.

But going into the weekend - I want to be very clear - I fully understand and support that the best use of this wolf is in the NEP paired with young female, currently paired with a placeholder on the refuge. If at anytime you have gathered from my questions or Leo's that we do not believe that then there has been a misunderstanding. But we all know this decision is not that simple.

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Joe Madison
Assistant Field Supervisor
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

On Fri, Jan 19, 2018 at 10:09 AM, Benjamin, Pete <pete_benjamin@fws.gov> wrote:

Regarding Leo's questions assuming thumbs up: 1) I'm guessing the guys would want to capture the female we are hoping to pair him with and put them together in a soft release pen for awhile - is that correct? 2) I knew we'd need to do this. Can you coordinate it with Andrea? 3) not sure who is supposed to coordinate with NCWRC or how.

Assuming thumbs down: I think we would say that the REC is an option of last resort for a wild animal. Do you agree? We already discussed this animal at the SSP meeting and there is no room in the Inn - correct? And, I think the new facility at the NC Zoo was already spoken for at the SSP meeting. Can you confirm that with Emily?

Pete Benjamin
Field Supervisor
Raleigh ES Field Office
U.S. Fish and Wildlife Service
[551F Pylon Drive](#)
[Raleigh, NC 27606](#)
Office: (919) 856-4520 x 11
Mobile: (919) 816-6408

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----- Forwarded message -----

From: **Miranda, Leopoldo** <leopoldo_miranda@fws.gov>

Date: Thu, Jan 18, 2018 at 4:08 PM

Subject: Re: Decision Memo Regarding St. Vincent Juvenile Red Wolf

To: "Eversen, Michelle" <michelle_eversen@fws.gov>

Cc: Pete Benjamin <Pete_Benjamin@fws.gov>, Joseph Madison

<joseph_madison@fws.gov>

Thanks! I'm checking with SOL and DOJ... I think the big legal issue here is our authority to release animals from within the NEP (relocation) vs from outside the NEP (reintroduction) and the almost precedent setting release of a young adult... If we get legal clearance to release it, here are a few questions/needs:

1. Would it be a "soft" or "hard" release.
2. Needs to have a GPS collar. Do we have them?
3. Need to have OK from the NCWRC.

If we can't release it. Can the REC be an option? Can we get an older non-reproductive animal from SSP into REC and get this one in his place into SSP? What happened to the new spaces we paid for at NC Zoo? Can that be an option?

Leo

Leopoldo "Leo" Miranda
U.S. Fish and Wildlife Service
Assistant Regional Director, Ecological Services
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[1875 Century Boulevard](#)
[Atlanta, GA 30345](#)
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Leopoldo_Miranda@fws.gov

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On Thu, Jan 18, 2018 at 3:26 PM, Eversen, Michelle <michelle_eversen@fws.gov> wrote:

Leo,

I have responded to your comments and questions in the attached. At this point I haven't made any changes to the document.

Let me know what other information would be helpful.

Michelle

On Thu, Jan 18, 2018 at 2:06 PM, Miranda, Leopoldo <leopoldo_miranda@fws.gov> wrote:

I don't have any red line just comments/questions... Just

to be clear, St Vincent animals are not NEP animals. They are part of the "propagation population" and fully protected as "Endangered"....

Leopoldo "Leo" Miranda
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As to your comments within the document - I don't see anything in red line - did you just make changes so we just re-read.

Michelle

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attached are my comments. I saw Rebekah's comments and I believe she has it backwards. Releasing new wolves into the NEP is not part of the current rule. Relocating wolves already part of the NEP within the NEP, that we can still do and don't require a compatibility determination.

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<michelle_eversen@fws.gov> wrote:

Leo,

Please find attached a draft Decision Memo regarding the now almost 2 year old juvenile Red Wolf on St. Vincent's Island.

There is also supporting information from Refuges.

Please review and let me know if you have questions and how you would like to proceed.

Thank you for time and consideration of this time sensitive issue.

Respectfully,

Michelle

--

Michelle Eversen

Ecological Services Program Supervisor for KY, TN, NC, SC, GA, and the Caribbean Southeast Region

U.S. Fish and Wildlife Service

[1875 Century Blvd.](#)

[Atlanta, GA. 30345](#)

[1-404](#)-679-4108 (Office and Mobile)

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"Eversen, Michelle" <michelle_eversen@fws.gov>

From: "Eversen, Michelle" <michelle_eversen@fws.gov>
Sent: Fri Jan 19 2018 16:02:43 GMT-0700 (MST)
To: "Miranda, Leopoldo" <leopoldo_miranda@fws.gov>
CC: Pete Benjamin <Pete_Benjamin@fws.gov>, Joseph Madison <joseph_madison@fws.gov>
Subject: Re: Decision Memo Regarding St. Vincent Juvenile Red Wolf

Leo,

Following up on your outstanding questions - Please find below my responses.

1. [Would it be a "soft" or "hard" release.](#) - The plan would be for a soft release -

with the goal of temporary pinning the male in with female on the refuge.

2. Needs to have a GPS collar. Do we have them? - We do not physically have the GPS collars but believe that we could get one from NC.

3. Need to have OK from the NCWRC. - I believe this is a statement only until we hear back from DOJ and you make a decision. At that point I would think that Pete, Joe and you would all need to communicate with NCWRC at your respective levels to inform them of our decision. The ok / request would in my mind be relative to the collar not the decision.

Additional Questions:

Can the REC be an option? If the plan is to at some point release the animal into the wild then the educational center is not an appropriate facility for a Wild Wolf. The enclosures are too small and close to the road and education facility.

Can we get an older non-reproductive animal from SSP into REC and get this one in his place into SSP? While in theory we could ask the SSP facilities if they would make could make space if we were to take on an non-reproductive animal from the SSP. We would first need to convince them and second develop some protocols for doing so that would account for transfer of diseases etc. This does highlight the need to develop such a protocol for future use if we really are going to have an exchange between the NEP and the SSP. But I believe that protocol would begin by suggesting that those exchanges occur with puppies and not adults.

What happened to the new spaces we paid for at NC Zoo? Joe followed up with the Zoo and although the extra pens were constructed but have already been filled with animals from within SSP. So again there is no space there.

If you have additional questions about any of the above please give me a call so can ensure you have the best information possible to inform your discussions with DOJ and your decision.

Michelle

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Thanks! I'm checking with SOL and DOJ... I think the big legal issue here is our authority to release animals from within the NEP (relocation) vs from outside the NEP (reintroduction) and the almost precedent setting release of a young adult... If we get legal clearance to release it, here are a few questions/needs:

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Label: "FOIA 20190531"

Created by:ryan_nordsven@fws.gov

Total Messages in label:255 (70 conversations)

Created: 06-12-2019 at 13:39 PM

Conversation Contents

Collaring Coyote This Week

Attachments:

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/47. Collaring Coyote This Week/1.2 image004.png
/47. Collaring Coyote This Week/1.3 image006.png
/47. Collaring Coyote This Week/1.4 image008.png
/47. Collaring Coyote This Week/3.1 image005.png
/47. Collaring Coyote This Week/3.2 image006.png
/47. Collaring Coyote This Week/3.3 image007.png
/47. Collaring Coyote This Week/3.4 image008.png
/47. Collaring Coyote This Week/4.1 image005.png
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/47. Collaring Coyote This Week/5.7 image011.png
/47. Collaring Coyote This Week/5.8 image012.png

"Shipley, Andrea J" <andrea.shipley@ncwildlife.org>

From: "Shipley, Andrea J" <andrea.shipley@ncwildlife.org>
Sent: Mon Mar 05 2018 07:59:39 GMT-0700 (MST)
To: "ryan_nordsven (ryan_nordsven@fws.gov)"
<ryan_nordsven@fws.gov>
Subject: Collaring Coyote This Week
Attachments: image002.png image004.png image006.png image008.png

Hey Ryan, I know you all are having a meeting today, but I wanted to drop in before my day gets lost in tasks. When you have your week sorted out, give me a ring and we can coordinate a day and time for meeting up to collar that coyote. I received permission from the landowner late last week, so we are good to go for releasing. Talk to you soon, Andrea -----

----- Andrea J. Shipley Canid Biologist, Wildlife Diversity Program NC
Wildlife Resources Commission 38 Mattamuskeet Rd, Swan Quarter, NC 27885 office: 252-
926-0266 mobile: 984-232-1542 ncwildlife.org [fb icon][twitter icon][insta icon][youtube icon]

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"Nordsven, Ryan" <ryan_nordsven@fws.gov>

From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Sent: Mon Mar 05 2018 13:19:26 GMT-0700 (MST)
To: "Shiple, Andrea J" <andrea.shiple@ncwildlife.org>
Subject: Re: Collaring Coyote This Week

Would Thursday work for you? Maybe late morning? I think that's the first morning we all have available this week. If not we can figure something else out.

On Mon, Mar 5, 2018 at 9:59 AM, Shiple, Andrea J <andrea.shiple@ncwildlife.org> wrote:
Hey Ryan,

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Talk to you soon,

Andrea

Andrea J. Shiple
Canid Biologist, Wildlife Diversity Program

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ncwildlife.org<<http://ncwildlife.org>>

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--
Ryan Nordsven
Wildlife Biologist
US Fish & Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 x 244
Cell: (252) 475-8353

"Shiple, Andrea J" <andrea.shiple@ncwildlife.org>

From: "Shiple, Andrea J" <andrea.shiple@ncwildlife.org>

Sent: Mon Mar 05 2018 14:25:48 GMT-0700 (MST)
To: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
CC: "McAlister, John W" <john.mcalister@ncwildlife.org>
Subject: RE: [External] Re: Collaring Coyote This Week
Attachments: image005.png image006.png image007.png image008.png

Late Thursday morning will work great, I'll put it on my calendar!

Andrea J. Shipley
Canid Biologist, Wildlife Diversity Program

NC Wildlife Resources Commission
38 Mattamuskeet Rd, Swan Quarter, NC 27885
office: 252-926-0266
mobile: 984-232-1542

ncwildlife.org



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From: Nordsven, Ryan [mailto:ryan_nordsven@fws.gov]
Sent: Monday, March 05, 2018 3:19 PM
To: Shipley, Andrea J <andrea.shipley@ncwildlife.org>
Subject: [External] Re: Collaring Coyote This Week

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Ryan Nordsven
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"Nordsven, Ryan" <ryan_nordsven@fws.gov>

From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Sent: Tue Mar 06 2018 06:34:34 GMT-0700 (MST)
To: "Shiple, Andrea J" <andrea.shiple@ncwildlife.org>
CC: "McAlister, John W" <john.mcalister@ncwildlife.org>
Subject: Re: [External] Re: Collaring Coyote This Week
Attachments: image005.png image008.png image007.png image006.png

Sounds good. We'll plan on being there around 10. See you soon.

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Andrea J. Shipley
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From: Nordsven, Ryan [mailto:ryan_nordsven@fws.gov]
Sent: Monday, March 05, 2018 3:19 PM
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Attachments: image005.png image006.png image007.png image008.png
image009.png image010.png image011.png image012.png

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From: Nordsven, Ryan [mailto:ryan_nordsven@fws.gov]
Sent: Tuesday, March 06, 2018 8:35 AM
To: Shipley, Andrea J <andrea.shipley@ncwildlife.org>
Cc: McAlister, John W <john.mcalister@ncwildlife.org>
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Sounds good. We'll plan on being there around 10. See you soon.

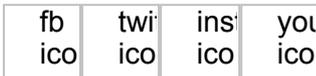
On Mon, Mar 5, 2018 at 4:25 PM, Shipley, Andrea J <andrea.shipley@ncwildlife.org> wrote:

Late Thursday morning will work great, I'll put it on my calendar!

Andrea J. Shipley
Canid Biologist, Wildlife Diversity Program

NC Wildlife Resources Commission
38 Mattamuskeet Rd, Swan Quarter, NC 27885
office: 252-926-0266
mobile: 984-232-1542

ncwildlife.org



Email correspondence to and from this sender is subject to the N.C. Public Records Law and may be disclosed to third parties.

From: Nordsven, Ryan [mailto:ryan_nordsven@fws.gov]
Sent: Monday, March 05, 2018 3:19 PM
To: Shipley, Andrea J <andrea.shipley@ncwildlife.org>
Subject: [External] Re: Collaring Coyote This Week

CAUTION: External email. Do not click links or open attachments unless verified. Send all suspicious email as an attachment to [Report Spam](#).

Would Thursday work for you? Maybe late morning? I think that's the first morning we all have available this week. If not we can figure something else out.

On Mon, Mar 5, 2018 at 9:59 AM, Shipley, Andrea J <andrea.shipley@ncwildlife.org> wrote:

Hey Ryan,

I know you all are having a meeting today, but I wanted to drop in before my day gets lost in tasks.

When you have your week sorted out, give me a ring and we can coordinate a day and time for meeting up to collar that coyote. I received permission from the landowner late last week, so we are good to go for releasing.

Talk to you soon,

Andrea

Andrea J. Shipley
Canid Biologist, Wildlife Diversity Program

NC Wildlife Resources Commission
38 Mattamuskeet Rd, Swan Quarter, NC 27885
office: 252-926-0266
mobile: 984-232-1542

ncwildlife.org<<http://ncwildlife.org/>>

[fb icon][twitter icon][insta icon][youtube icon]

Email correspondence to and from this sender is subject to the N.C. Public Records Law and may be disclosed to third parties.

--
Ryan Nordsven
Wildlife Biologist
US Fish & Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 x 244
Cell: (252) 475-8353

--
Ryan Nordsven
Wildlife Biologist
US Fish & Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 x 244
Cell: (252) 475-8353

Conversation Contents

One page withheld in
part under exemption 6

Trapper has animal in Bath, NC

"Morse, Michael" <michael_l_morse@fws.gov>

From: "Morse, Michael" <michael_l_morse@fws.gov>
Sent: Fri Jan 19 2018 07:31:32 GMT-0700 (MST)
To: Joseph Madison <joseph_madison@fws.gov>
Subject: Trapper has animal in Bath, NC

Head's up Joe.

Ryan just called me - he has to drive to Currituck to get Sharon to her car.

Private trapper [REDACTED] trapped a collared coyote this morning and wants us to drive down and confirm it's one of ours. I'm not positive I can get there from here but I guess I'll try. Are we paying for the animal if it's a coyote or just take the collar off and give it to the trapper to sell to a fox pen? Let me know, i'm headed to the office now. Thanks,

mm

--

Michael L. Morse
Wildlife Biologist, USFWS
ENC ES Sub-Field Office
100 Conservation Way, PO Box 1969
Manteo, NC 27954
Work: (252) 473-1131, ext. 242
Cell#: (252) 475-8350

Conversation Contents

Five pages withheld in part under exemption 6

Fwd: I just saw the article on Red Wolves

Attachments:

/49. Fwd: I just saw the article on Red Wolves/1.1 Screenshot_2017-06-03-21-37-46.png

/49. Fwd: I just saw the article on Red Wolves/1.2 Screenshot_2017-06-03-21-37-26.png

/49. Fwd: I just saw the article on Red Wolves/1.3 Screenshot_2017-06-04-08-37-18.png

"Red Wolf, FW4" <redwolf@fws.gov>

From: "Red Wolf, FW4" <redwolf@fws.gov>
Sent: Wed Jun 14 2017 15:15:04 GMT-0600 (MDT)
To: Jason Keith <jason_keith@fws.gov>
CC: Michael Morse <michael_l_morse@fws.gov>, Ryan Nordsven <ryan_nordsven@fws.gov>, Joseph Madison <joseph_madison@fws.gov>
Subject: Fwd: I just saw the article on Red Wolves
Attachments: Screenshot_2017-06-03-21-37-46.png Screenshot_2017-06-03-21-37-26.png Screenshot_2017-06-04-08-37-18.png

Jason,

I'm forwarding you the below email we received on our Red Wolf email account. Normally we don't get much we can act on in there, and this may be no different, but the individual in question does make a point that he isn't a fan of the program. While the canids in the picture look to be good size I don't see any collars. Figured I would pass it along for your information.

<https://www.facebook.com/██████████>

----- Forwarded message -----

From: ██████████ >
Date: Wed, Jun 14, 2017 at 10:26 AM
Subject: I just saw the article on Red Wolves
To: redwolf@fws.gov

I noted in the article it is ILLEGAL to kill them.

Theres a guy in tyrell area intentionally baiting , trapping ang tormenting them (photographs) before shooting them in the trap. He bragged about it in a post when I shared the meeting yimes for the swansboro meeting, to the point I had to delete the post.

Can you do something to stop him?

Heres his page. As you can see, he put the trapped wolf right on his profile. The 2nd one looks like it broke or dislocated its own leg trying to get free. He BRAGGED about killing them .

--

Red Wolf Recovery Program
U.S. Fish and Wildlife Service
P.O. Box 1969
Manteo, NC 27954

Phone: (252) 473-1132
Fax: (252) 473-4836
Email: redwolf@fws.gov

Website: www.fws.gov/redwolf/
Facebook: www.facebook.com/redwolfrecoveryprogram
Blog: trackthepack.blogspot.com
Twitter: www.twitter.com/redwolfrecovery

"Nordsven, Ryan" <ryan_nordsven@fws.gov>

From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Sent: Thu Jun 15 2017 06:15:51 GMT-0600 (MDT)
To: "Red Wolf, FW4" <redwolf@fws.gov>
CC: Jason Keith <jason_keith@fws.gov>, Michael Morse <michael_l_morse@fws.gov>, Joseph Madison <joseph_madison@fws.gov>
Subject: Re: I just saw the article on Red Wolves

I don't know who this guy is or where exactly he traps but those animals do appear to be red wolves.

On Wed, Jun 14, 2017 at 5:15 PM, Red Wolf, FW4 <redwolf@fws.gov> wrote:

Jason,

I'm forwarding you the below email we received on our Red Wolf email account. Normally we don't get much we can act on in there, and this may be no different, but the individual in question does make a point that he isn't a fan of the program. While the canids in the picture look to be good size I don't see any collars. Figured I would pass it along for your information.

<https://www.facebook.com/> [REDACTED]

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Twitter: www.twitter.com/redwolfrecovery

--

Ryan Nordsven
Wildlife Biologist
US Fish & Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 x 244
Cell: (252) 475-8353

"Nordsven, Ryan" <ryan_nordsven@fws.gov>

From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Sent: Thu Jun 15 2017 06:24:33 GMT-0600 (MDT)
To: Pete Benjamin <pete_benjamin@fws.gov>
Subject: Fwd: I just saw the article on Red Wolves

Wasn't sure if you saw any of this.

----- Forwarded message -----

From: **Nordsven, Ryan** <ryan_nordsven@fws.gov>
Date: Thu, Jun 15, 2017 at 8:15 AM
Subject: Re: I just saw the article on Red Wolves
To: "Red Wolf, FW4" <redwolf@fws.gov>
Cc: Jason Keith <jason_keith@fws.gov>, Michael Morse <michael_l_morse@fws.gov>, Joseph Madison <joseph_madison@fws.gov>

I don't know who this guy is or where exactly he traps but those animals do appear to be red wolves.

On Wed, Jun 14, 2017 at 5:15 PM, Red Wolf, FW4 <redwolf@fws.gov> wrote:

Jason,

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<https://www.facebook.com/██████████>

----- Forwarded message -----

From: ██████████ <██████████>

Date: Wed, Jun 14, 2017 at 10:26 AM

Subject: I just saw the article on Red Wolves

To: redwolf@fws.gov

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"Nordsven, Ryan" <ryan_nordsven@fws.gov>

From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Sent: Thu Mar 01 2018 08:41:07 GMT-0700 (MST)
To: Joseph Madison <joseph_madison@fws.gov>
CC: Michael Morse <michael_l_morse@fws.gov>, Shaun Olson <shaun_olson@fws.gov>
Subject: Re: I just saw the article on Red Wolves

I thought I recognized the name [REDACTED] when Shaun picked up the two collared coyotes from him near Creswell. He's the guy that was posting pictures on facebook last year of captures that looked like wolves. I'm going to hold off contacting him about payment until we are all back on Monday.

On Thu, Jun 15, 2017 at 8:15 AM, Nordsven, Ryan <ryan_nordsven@fws.gov> wrote:

I don't know who this guy is or where exactly he traps but those animals do appear to be red wolves.

On Wed, Jun 14, 2017 at 5:15 PM, Red Wolf, FW4 <redwolf@fws.gov> wrote:

Jason,

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[https://www.facebook.com/\[REDACTED\]](https://www.facebook.com/[REDACTED])

----- Forwarded message -----

From: [REDACTED] >
Date: Wed, Jun 14, 2017 at 10:26 AM
Subject: I just saw the article on Red Wolves
To: redwolf@fws.gov

I noted in the article it is ILLEGAL to kill them.

Theres a guy in tyrell area intentionally baiting , trapping ang tormenting them (photographs) before shooting them in the trap. He bragged about it in a post when I shared the meeting yimes for the swansboro meeting, to the point I had to delete the post.

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Cell: (252) 475-8353

Joseph Madison <joseph_madison@fws.gov>

From: Joseph Madison <joseph_madison@fws.gov>
Sent: Thu Mar 01 2018 11:14:57 GMT-0700 (MST)
To: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
CC: Michael Morse <michael_l_morse@fws.gov>, Shaun Olson <shaun_olson@fws.gov>
Subject: Re: I just saw the article on Red Wolves

I remember being told about his Facebook posts, but obviously didn't know it was this same guy. Is there an active LE case against him or did it not go anywhere? We can talk about this when we meet on Monday.

Also, there is a distinct possibility that Pete will be coming to our office on Monday to fully discuss more than one substantial development so stay tuned for our meeting time, but you should probably all plan on being available Monday morning.

Joe

Sent from my iPhone

On Mar 1, 2018, at 10:41 AM, Nordsven, Ryan <ryan_nordsven@fws.gov> wrote:

I thought I recognized the name [REDACTED] when Shaun picked up the two collared coyotes from him near Creswell. He's the guy that was posting pictures on facebook last year of captures that looked like wolves. I'm going to hold off contacting him about payment until we are all back on Monday.

On Thu, Jun 15, 2017 at 8:15 AM, Nordsven, Ryan <ryan_nordsven@fws.gov> wrote:

I don't know who this guy is or where exactly he traps but those animals do appear to be red wolves.

On Wed, Jun 14, 2017 at 5:15 PM, Red Wolf, FW4 <redwolf@fws.gov> wrote:
Jason,

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[https://www.facebook.com/\[REDACTED\]](https://www.facebook.com/[REDACTED])

----- Forwarded message -----

From: [REDACTED] >
Date: Wed, Jun 14, 2017 at 10:26 AM
Subject: I just saw the article on Red Wolves
To: redwolf@fws.gov

I noted in the article it is ILLEGAL to kill them. There's a guy in tyrell area intentionally baiting, trapping and tormenting them (photographs) before shooting them in the trap. He bragged about it in a post when I shared the meeting yimes for the swansboro meeting, to the point I had to delete the post.

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Facebook: www.facebook.com/redwolfrecoveryprogram

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Twitter: www.twitter.com/redwolfrecovery

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--

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US Fish & Wildlife Service
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Label: "FOIA 20190531"

Created by:ryan_nordsven@fws.gov

Total Messages in label:255 (70 conversations)

Created: 06-12-2019 at 13:40 PM

Conversation Contents

Canid capture by Andrea (NCWRC)

"Nordsven, Ryan" <ryan_nordsven@fws.gov>

From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Sent: Thu Mar 01 2018 11:06:01 GMT-0700 (MST)
To: Joseph Madison <joseph_madison@fws.gov>
CC: "Morse, Michael" <michael_l_morse@fws.gov>, Shaun Olson <shaun_olson@fws.gov>
Subject: Canid capture by Andrea (NCWRC)

Joe,

I just wanted to notify you that I received a call from Andrea Shipley late afternoon/early evening on Tuesday. She was trapping somewhere north of Engelhard and caught a female canid that she described as larger than the coyotes she had captured up to that point, and believed it might be a red wolf. Based on proximity to Ventures, there is certainly a possibility that it could be a wolf. I couldn't get down there that evening so I asked if she could possibly hold it in a kennel until the next morning so I could see it/scan it and determine if it was a wolf. She stated that her decision tree precluded her from doing so, and that she would have to place a gps collar on it and let it go. She took a hair sample to send to Lisette's lab for genetics. Apparently she is not taking blood samples, just using hair follicles.

I had hoped we would have had the chance to view and comment on the decision tree Andrea referred to as we had discussed with NCWRC during our meeting. It does concern me somewhat that she is currently operating under a decision tree that we were not part of. I believe she is done trapping now, however, so hopefully we can get that ironed out before next year. I would also like to see the commission utilize a PIT tag scanner that is capable of reading Trovan chips, as there may be instances where a simple scan will let her/us know immediately the identity of a captured animal. Finally, she did indicate that she is using the BAM drug combination to anesthetize her captured canids. Michael had heard from the local vet that Andrea had trouble reversing one of her captured canids on this drug combination. Hopefully she won't have any further issues, but it would of course be preferential if she would use the butorphanol/dexmedetomidine combination approved by NCSU for use on red wolves as we had suggested and have used successfully for decades.

At any rate, Andrea said she would email me pictures and measurements of the canid, and of course notify us of genetic disposition once she hears back from the lab.

--

Ryan Nordsven
Wildlife Biologist
US Fish & Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 x 244
Cell: (252) 475-8353

Joseph Madison <joseph_madison@fws.gov>

From: Joseph Madison <joseph_madison@fws.gov>
Sent: Thu Mar 01 2018 11:10:28 GMT-0700 (MST)
To: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
CC: "Morse, Michael" <michael_l_morse@fws.gov>, Shaun Olson <shaun_olson@fws.gov>
Subject: Re: Canid capture by Andrea (NCWRC)

Obviously this is concerning on many levels and something we clearly need to discuss internally and with WRC. Disappointing to say the least. Sent from my iPhone N > On Mar 1, 2018, at 1:06 PM, Nordsven, Ryan <ryan_nordsven@fws.gov> wrote: > > Joe, > > I just wanted to notify you that I received a call from Andrea Shipley late afternoon/early evening on Tuesday. She was trapping somewhere north of Engelhard and caught a female canid that she described as larger than the coyotes she had captured up to that point, and believed it might be a red wolf. Based on proximity to Ventures, there is certainly a possibility that it could be a wolf. I couldn't get down there that evening so I asked if she could possibly hold it in a kennel until the next morning so I could see it/scan it and determine if it was a wolf. She stated that her decision tree precluded her from doing so, and that she would have to place a gps collar on it and let it go. She took a hair sample to send to Lisette's lab for genetics. Apparently she is not taking blood samples, just using hair follicles. > > I had hoped we would have had the chance to view and comment on the decision tree Andrea referred to as we had discussed with NCWRC during our meeting. It does concern me somewhat that she is currently operating under a decision tree that we were not part of. I believe she is done trapping now, however, so hopefully we can get that ironed out before next year. I would also like to see the commission utilize a PIT tag scanner that is capable of reading Trovan chips, as there may be instances where a simple scan will let her/us know immediately the identity of a captured animal. Finally, she did indicate that she is using the BAM drug combination to anesthetize her captured canids. Michael had heard from the local vet that Andrea had trouble reversing one of her captured canids on this drug combination. Hopefully she won't have any further issues, but it would of course be preferential if she would use the butorphanol/dexmedetomidine combination approved by NCSU for use on red wolves as we had suggested and have used successfully for decades. > > At any rate, Andrea said she would email me pictures and measurements of the canid, and of course notify us of genetic disposition once she hears back from the lab. > > -- > Ryan Nordsven > Wildlife Biologist > US Fish & Wildlife Service > 100 Conservation Way > Manteo, NC 27954 > Office: (252) 473-1132 x 244 > Cell: (252) 475-8353

"Nordsven, Ryan" <ryan_nordsven@fws.gov>

From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Sent: Thu Mar 01 2018 11:15:21 GMT-0700 (MST)
To: Joseph Madison <joseph_madison@fws.gov>
CC: "Morse, Michael" <michael_l_morse@fws.gov>, Shaun Olson <shaun_olson@fws.gov>
Subject: Re: Canid capture by Andrea (NCWRC)

I'm also wondering about the fact that she was just processing the animal when she called me at 4:30 pm. If her decision tree precludes her from holding an animal in a kennel, does this mean she just took it out of a trap late that afternoon? Hopefully not, but if so she is risking serious foot damage to any captured animal.

On Thu, Mar 1, 2018 at 1:10 PM, Joseph Madison <joseph_madison@fws.gov> wrote:

Obviously this is concerning on many levels and something we clearly need to discuss internally and with WRC. Disappointing to say the least.

Sent from my iPhone

N

> On Mar 1, 2018, at 1:06 PM, Nordsven, Ryan <ryan_nordsven@fws.gov> wrote:

>

> Joe,

>

> I just wanted to notify you that I received a call from Andrea Shipley late afternoon/early evening on Tuesday. She was trapping somewhere north of Engelhard and caught a female canid that she described as larger than the coyotes she had captured up to that point, and believed it might be a red wolf. Based on proximity to Ventures, there is certainly a possibility that it could be a wolf. I couldn't get down there that evening so I asked if she could possibly hold it in a kennel until the next morning so I could see it/scan it and determine if it was a wolf. She stated that her decision tree precluded her from doing so, and that she would have to place a gps collar on it and let it go. She took a hair sample to send to Lisette's lab for genetics. Apparently she is not taking blood samples, just using hair follicles.

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> Ryan Nordsven

> Wildlife Biologist

> US Fish & Wildlife Service

> 100 Conservation Way

> Manteo, NC 27954

> Office: (252) 473-1132 x 244

> Cell: (252) 475-8353

--

Ryan Nordsven

Wildlife Biologist

US Fish & Wildlife Service

100 Conservation Way

Manteo, NC 27954

Office: (252) 473-1132 x 244

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Label: "FOIA 20190531"

Created by:ryan_nordsven@fws.gov

Total Messages in label:255 (70 conversations)

Created: 06-12-2019 at 13:40 PM

Conversation Contents

Re: [External] Captured Coyote

Joseph Madison <joseph_madison@fws.gov>

From: Joseph Madison <joseph_madison@fws.gov>
Sent: Mon Feb 26 2018 11:56:27 GMT-0700 (MST)
To: "Shiple, Andrea J" <andrea.shiple@ncwildlife.org>
CC: shaun_olson@fws.gov, ryan_nordsven@fws.gov
Subject: Re: [External] Captured Coyote

I don't know the specifics of where it was captured beyond the description I included in my original email but I've cc'd Shaun who I believe has the trappers contact info. The trapper might be able to give you more specifics on the exact trap location and who the landowner is. I've also cc'd Ryan so he's in the loop and because he might have the best knowledge on what landowner you should contact in that area.

All three of us are traveling separately today so I don't know what time frame to expect to hear anything.

Joe

Sent from my iPhone

On Feb 26, 2018, at 1:42 PM, Shiple, Andrea J <andrea.shiple@t.org> wrote:

Hey Joe,

Do you know where the trapper captured the coyote and if the landowner is okay with us releasing it back on their property? I'd like to include it in the study. I'll get up with David Cobb about it as well. I'll be in touch soon!

Thanks for thinking of us,

Andrea

Get [Outlook for iOS](#)

From: Joseph Madison <joseph_madison@fws.gov>
Sent: Monday, February 26, 2018 1:38:50 PM
To: Shiple, Andrea J
Subject: [External] Captured Coyote

CAUTION: External email. Do not click links or open attachments unless verified. Send all suspicious email as an attachment to Report Spam.<<mailto:report.spam@nc.gov>>

Andrea,

A private trapper captured a canid over the weekend that turned out to be a coyote. The animal was caught NW of Engelhard in the "C" blocks, which is in the vicinity of Lux and Ventures. We currently holding it at our red wolf pens in Columbia.

I was wondering if you would like to use it as one of your study animals and place one of your GPS collars on it. We are all away from the office today, but Ryan should be back in tomorrow and able to meet you in Columbia if you're interested. No worries if you don't want to include this animal.

Just let me know.

Thanks,

Joe

Sent from my iPhone

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"Nordsven, Ryan" <ryan_nordsven@fws.gov>

From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Sent: Tue Feb 27 2018 16:31:54 GMT-0700 (MST)
To: "Shiple, Andrea J" <andrea.shiple@ncwildlife.org>
CC: Joseph Madison <joseph_madison@fws.gov>, "shaun_olson@fws.gov" <shaun_olson@fws.gov>
Subject: Re: [External] Captured Coyote

Andrea,

The landowner's name is Bobby Glover. I think he lives near Charleston, SC and the trapper told me he is selling the property soon. His contact number is (843) 384-0888. The C Blocks are between N Lake Road and Lux Farms, East of 1st Street. Let me know if you have any questions.

Ryan

On Mon, Feb 26, 2018 at 2:01 PM, Shiple, Andrea J <andrea.shiple@ncwildlife.org> wrote:

Hi Joe,
OK, sounds good to me. I'll see what I can do on my end as well as far as release options go.
Be in touch soon!
Safe travels,
Andrea

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From: Joseph Madison <joseph_madison@fws.gov>
Sent: Monday, February 26, 2018 1:56:27 PM
To: Shiple, Andrea J
Cc: shaun_olson@fws.gov; ryan_nordsven@fws.gov
Subject: Re: [External] Captured Coyote

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an attachment to [Report Spam](#).

I don't know the specifics of where it was captured beyond the description I included in my original email but I've cc'd Shaun who I believe has the trappers contact info. The trapper might be able to give you more specifics on the exact trap location and who the landowner is. I've also cc'd Ryan so he's in the loop and because he might have the best knowledge on what landowner you should contact in that area.

All three of us are traveling separately today so I don't know what time frame to expect to hear anything.

Joe

Sent from my iPhone

On Feb 26, 2018, at 1:42 PM, Shipley, Andrea J <andrea.shipley@t.org> wrote:

Hey Joe,

Do you know where the trapper captured the coyote and if the landowner is okay with us releasing it back on their property? I'd like to include it in the study. I'll get up with David Cobb about it as well. I'll be in touch soon!

Thanks for thinking of us,

Andrea

Get [Outlook for iOS](#)

From: Joseph Madison <joseph_madison@fws.gov>

Sent: Monday, February 26, 2018 1:38:50 PM

To: Shipley, Andrea J

Subject: [External] Captured Coyote

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Andrea,

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Just let me know.

Thanks,

Joe

Sent from my iPhone

--
Ryan Nordsven
Wildlife Biologist
US Fish & Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 x 244
Cell: (252) 475-8353

"Shipley, Andrea J" <andrea.shipley@ncwildlife.org>

From: "Shipley, Andrea J" <andrea.shipley@ncwildlife.org>
Sent: Wed Feb 28 2018 08:05:45 GMT-0700 (MST)
To: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
CC: Joseph Madison <joseph_madison@fws.gov>, "shaun_olson@fws.gov" <shaun_olson@fws.gov>
Subject: Re: [External] Captured Coyote

Hey Ryan,

Thanks for forwarding this along. I'll let you know when I'm able to get up with the landowner. Hopefully we'll be able to make this happen quickly.

Thanks again,

Andrea

Get [Outlook for iOS](#)

From: Nordsven, Ryan <ryan_nordsven@fws.gov>
Sent: Tuesday, February 27, 2018 6:31:54 PM
To: Shipley, Andrea J
Cc: Joseph Madison; shaun_olson@fws.gov
Subject: Re: [External] Captured Coyote

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Sent: Monday, February 26, 2018 1:56:27 PM
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Cc: shaun_olson@fws.gov; ryan_nordsven@fws.gov
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Ryan Nordsven
Wildlife Biologist
US Fish & Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 x 244
Cell: (252) 475-8353

Conversation Contents

Bluestone New freq

One page withheld in
part under exemption
7e

"Olson, Shaun" <shaun_olson@fws.gov>

From: "Olson, Shaun" <shaun_olson@fws.gov>
Sent: Mon Feb 26 2018 08:24:54 GMT-0700 (MST)
To: Ryan Nordsven <ryan_nordsven@fws.gov>
Subject: Bluestone New freq

90706M:

Freq: [REDACTED]

Ser#: [REDACTED]

20805F:

Freq: [REDACTED]

Ser#: [REDACTED]

--

Shaun Olson
Biological Science Technician
Eastern North Carolina Ecological Services Sub-Office

U.S. Fish & Wildlife Service
P.O. Box 1969
Manteo, NC 27954
Phone: (252) 473-1132 ext. 241
Cell: (252) 475-8352
Email: shaun_olson@fws.gov

"We are a way for the Cosmos to know itself."

Label: "FOIA 20190531"

Created by:ryan_nordsven@fws.gov

Total Messages in label:255 (70 conversations)

Created: 06-12-2019 at 13:40 PM

Conversation Contents

Friday's captures

Attachments:

/53. Friday's captures/1.1 Friday Captures.pdf

"Olson, Shaun" <shaun_olson@fws.gov>

From: "Olson, Shaun" <shaun_olson@fws.gov>
Sent: Mon Feb 26 2018 06:39:05 GMT-0700 (MST)
To: Ryan Nordsven <ryan_nordsven@fws.gov>
Subject: Friday's captures
Attachments: Friday Captures.pdf

Hey,

Here is where the collared coyotes were captured. I released them on Weyerhaeuser property just to the west of the canal.

--

Shaun Olson
Biological Science Technician
Eastern North Carolina Ecological Services Sub-Office

U.S. Fish & Wildlife Service
P.O. Box 1969
Manteo, NC 27954
Phone: (252) 473-1132 ext. 241
Cell: (252) 475-8352
Email: shaun_olson@fws.gov

"We are a way for the Cosmos to know itself."

Label: "FOIA 20190531"

Created by:ryan_nordsven@fws.gov

Total Messages in label:255 (70 conversations)

Created: 06-12-2019 at 13:41 PM

Conversation Contents

Animal at REC

Attachments:

/54. Animal at REC/1.1 Sterile male.pdf

"Olson, Shaun" <shaun_olson@fws.gov>

From: "Olson, Shaun" <shaun_olson@fws.gov>
Sent: Mon Feb 26 2018 06:23:30 GMT-0700 (MST)
To: Ryan Nordsven <ryan_nordsven@fws.gov>
Subject: Animal at REC
Attachments: Sterile male.pdf

Hey,

The sterile male was captured just west of Pungo lake. See map. I don't have the exact location, the pin is close enough, but I figure you can release him on the refuge

--

Shaun Olson
Biological Science Technician
Eastern North Carolina Ecological Services Sub-Office

U.S. Fish & Wildlife Service
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Manteo, NC 27954
Phone: (252) 473-1132 ext. 241
Cell: (252) 475-8352
Email: shaun_olson@fws.gov

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Label: "FOIA 20190531"

Created by:ryan_nordsven@fws.gov

Total Messages in label:255 (70 conversations)

Created: 06-12-2019 at 13:41 PM

Conversation Contents

"Beyer, Arthur" <arthur_beyer@fws.gov>

From: "Beyer, Arthur" <arthur_beyer@fws.gov>
Sent: Mon Feb 26 2018 05:49:01 GMT-0700 (MST)
To: Joe Madison <joseph_madison@fws.gov>, Shaun Olson <shaun_olson@fws.gov>, Ryan Nordsven <ryan_nordsven@fws.gov>
Subject:

Canid that was captured this weekend with a gps collar was male 30631, first captured, sterilized (intact) and released in February 2011 on Pocosin Lakes NWR with one of Joey Hinton's collars. This animal was tested and came back as a coyote backcross, which may be why it's coming in a little larger at 41 lbs.

Label: "FOIA 20190531"

Created by:ryan_nordsven@fws.gov

Total Messages in label:255 (70 conversations)

Created: 06-12-2019 at 13:41 PM

Conversation Contents

Fwd: red wolves

Attachments:

/56. Fwd: red wolves/3.1 20140619USFWS_letter_NCWRC.PDF
/56. Fwd: red wolves/3.2 Gese&Terletzky2015_BiolConserv.pdf

"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Wed Feb 21 2018 09:57:13 GMT-0700 (MST)
To: "Morse, Michael" <michael_l_morse@fws.gov>, Ryan Nordsven <ryan_nordsven@fws.gov>
Subject: Fwd: red wolves

Do either of you know or have specific documents that say when we stopped releasing pups or releasing sterilized coyotes as placeholders. I'd like to know when the decision was made and the last time we actually did both of them, even though I don't know if we will share that level of detail with the media.

Also, do you readily have or know where the information on the numbers for each of those practices such as he asks? Pete thinks we've released that information in previous FOIA's, but I was hoping you knew where it was. I will look at Becky's hard drive as well.

Thanks,

Joe Madison
Assistant Field Supervisor
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

----- Forwarded message -----

From: Benjamin, Pete <pete_benjamin@fws.gov>
Date: Tue, Feb 20, 2018 at 3:00 PM
Subject: Re: red wolves
To: "Kloer, Philip" <philip_kloer@fws.gov>, Joseph Madison <joseph_madison@fws.gov>, Michelle Eversen <michelle_eversen@fws.gov>
Cc: "Weller, Emily" <emily_weller@fws.gov>

The numbers for releases and placeholders should be pretty easy to get, and I think we have released that info previously via FOIA (would need to double check). We can easily provide the 1986 and 1995 rules as well. The cost breakdowns are more complicated and may not be readily available at the level of detail he seeks. Adding Joe and Michelle here for awareness.

Pete Benjamin
Field Supervisor
Raleigh ES Field Office
U.S. Fish and Wildlife Service
[551F Pylon Drive](#)
[Raleigh, NC 27606](#)
Office: (919) 856-4520 x 11
Mobile: (919) 816-6408

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"Then catch the moments as they fly, And use them as ye ought, man: Believe me, happiness is shy, And comes not aye when sought, man." Robert Burns

On Tue, Feb 20, 2018 at 2:54 PM, Kloer, Philip <philip_kloer@fws.gov> wrote:

This journalist works for Blue Ridge Outdoors magazine, which is legit. He is asking for a lot, and I dont know how much of this easy to get and what might be something we dont share. I am prepared to give him some of what he wants, but if we are not in a position to supply it all, I am prepared to tell him that also.

Phil Kloer
Public Affairs Specialist
U.S. Fish and Wildlife Service
Southeast Region
Atlanta, GA
404-679-7299 (office)
404-644-7193 (mobile)

"When wildlife wins, people win."

----- Forwarded message -----

From: **Daniel DeWitt** <dandewitt1@gmail.com>
Date: Fri, Feb 16, 2018 at 11:36 AM
Subject: red wolves
To: philip_kloer@fws.gov

Hi Phil

As I mentioned in my voice mail message, I'm aware that FWS is not saying much about its plans for red wolf recovery in NC, and that a definitive plan is expected shortly. But I do want to request some of the following information about the program and population in the past. Wondered if you could provide the following documents or answer following questions:

As of 2016, my understanding is that FWS has stopped releasing any pups or introducing any sterilized "placeholder" coyotes to discourage hybridization. Wanted to confirm that is true and to find out when each of those practices stopped.

Do you have any tables showing numbers of sterilizations that occurred each year or, failing that, numbers for select years when the program was most active?

Also wanted a table of pup releases, year by year, and annual mortality figures of experimental population.

Gordon Myers referred repeatedly to the 1987 rule guiding this program, and I've also heard about 1995 revisions to this rule. Can I get copies of both?

Fina

Finally, I wanted to get some cost figures, ideally broken down between the management of the wild population, which may or may not continue, and the captive breeding program, which has a more certain figure. Annual costs of each over a few recent years would be great. Failing that, a total cost during the lifetime of the programs would be helpful.

And, though I haven't heard whether this is a factor in FWS decision, If you could respond to that question, that would be great.

Thanks for handling this request. Dan

Dan DeWitt

H: (828) 862-3874; C: (352) 584-1391

email: dandewitt1@gmail.com

"Nordsven, Ryan" <ryan_nordsven@fws.gov>

From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Sent: Wed Feb 21 2018 14:51:44 GMT-0700 (MST)
To: "Beyer, Arthur" <arthur_beyer@fws.gov>
CC: "Bartel, Rebecca" <rebecca_harrison@fws.gov>
Subject: Fwd: red wolves

Art - here's the information request I mentioned. I'll be out of town tomorrow until Tuesday of next week so if you can't get to it before then I can try to look this stuff up when I get back.

Becky do you know if we've released these numbers (placeholder releases and pup fostering events) through FOIA requests and, if so, where we can find them?

Thanks

----- Forwarded message -----

From: **Madison, Joseph** <joseph_madison@fws.gov>

Date: Wed, Feb 21, 2018 at 11:57 AM

Subject: Fwd: red wolves

To: "Morse, Michael" <michael_l_morse@fws.gov>, Ryan Nordsven <ryan_nordsven@fws.gov>

Do either of you know or have specific documents that say when we stopped releasing pups or releasing sterilized coyotes as placeholders. I'd like to know when the decision was made and the last time we actually did both of them, even though I don't know if we will share that level of detail with the media.

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Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

----- Forwarded message -----

From: **Benjamin, Pete** <pete_benjamin@fws.gov>
Date: Tue, Feb 20, 2018 at 3:00 PM
Subject: Re: red wolves
To: "Kloer, Philip" <philip_kloer@fws.gov>, Joseph Madison <joseph_madison@fws.gov>, Michelle Eversen <michelle_eversen@fws.gov>
Cc: "Weller, Emily" <emily_weller@fws.gov>

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--

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Cell: (252) 475-8353

"Harrison, Rebecca" <rebecca_harrison@fws.gov>

From: "Harrison, Rebecca" <rebecca_harrison@fws.gov>
Sent: Thu Feb 22 2018 05:38:38 GMT-0700 (MST)
To: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
CC: "Beyer, Arthur" <arthur_beyer@fws.gov>, Joe Madison <joseph_madison@fws.gov>, Pete Benjamin <pete_benjamin@fws.gov>
Subject: Re: red wolves
Attachments: 20140619USFWS_letter_NCWRC.PDF
Gese&Terletzky2015_BiolConserv.pdf

Hi Ryan,

Yes, we've released most of this information already in FOIA requests to various parties including Mr. Ferebee (FOIA-2014-00938), NCWRC (FOIA-2014-00621 part 8), and SELC (FOIA-2015-00874). If I recall correctly, we stopped sterilizing additional placeholders in early 2014. The last one I see is the database was in March 2014. The RD sent a letter to NCWRC indicating as much (attached) in June 2014 in response to them not issuing our trapping permit. I believe Eric and Pat's have most of the placeholder info in it (attached), but if you need more details, let me know and I'll point you to the right databases in my files. Regarding the costs, we've been asked that before as well. I can't remember if we released vet bills or not.

Becky

Becky Bartel Harrison, Phd
Supervisory Wildlife Biologist
Alligator River & Pea Island National Wildlife Refuges
U.S. Fish & Wildlife Service
P.O. Box 1969
Manteo, NC 27954
(252) 473-1132 ext. 231
rebecca_harrison@fws.gov

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joseph_madison@fws.gov

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Subject: Re: red wolves

To: "Kloer, Philip" <philip_kloer@fws.gov>, Joseph Madison <joseph_madison@fws.gov>, Michelle Eversen <michelle_eversen@fws.gov>

Cc: "Weller, Emily" <emily_weller@fws.gov>

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Hi Phil

As I mentioned in my voice mail message, I'm aware that FWS is not saying much about its plans for red wolf recovery in NC, and that a definitive plan is expected shortly. But I do want to request some of the following information about the program and population in the past. Wondered if you could provide the following documents or answer following questions:

As of 2016, my understanding is that FWS has stopped releasing any pups or introducing any sterilized "placeholder" coyotes to discourage hybridization. Wanted to confirm that is true and to find out when each of those practices stopped.

Do you have any tables showing numbers of sterilizations that occurred each year or, failing that, numbers for select years when the program was most active?

Also wanted a table of pup releases, year by year, and annual mortality figures of experimental population.

Gordon Myers referred repeatedly to the 1987 rule guiding this program, and I've also heard about 1995 revisions to this rule. Can I get copies of both?

Fina

Finally, I wanted to get some cost figures, ideally broken down between the management of the wild population, which may or may not continue, and the captive breeding program, which has a more certain figure. Annual costs of each over a few recent years would be great. Failing that, a total cost during the lifetime of the programs would be helpful.

And, though I haven't heard whether this is a factor in FWS decision, if you could respond to that question, that would be great.

Thanks for handling this request. Dan

Dan DeWitt
H: (828) 862-3874; C: (352) 584-1391
email: dandewitt1@gmail.com

--

Ryan Nordsven
Wildlife Biologist
US Fish & Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 x 244
Cell: (252) 475-8353

Label: "FOIA 20190531"

Created by:ryan_nordsven@fws.gov

Total Messages in label:255 (70 conversations)

Created: 06-12-2019 at 13:44 PM

Conversation Contents

2017 mortalities

"Nordsven, Ryan" <ryan_nordsven@fws.gov>

From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Sent: Wed Dec 20 2017 12:42:06 GMT-0700 (MST)
To: Joseph Madison <joseph_madison@fws.gov>, Pete Benjamin <pete_benjamin@fws.gov>, "Morse, Michael" <michael_l_morse@fws.gov>, Shaun Olson <shaun_olson@fws.gov>
Subject: 2017 mortalities

Out of curiosity, I just checked the mortality folder on the Google Drive - we now have seven red wolf mortalities so far in 2017. Four of those are gunshot, one is poison, one vehicle, and one unknown. We are down to only 20 known, collared wolves left in this population. Not good.

--

Ryan Nordsven
Wildlife Biologist
US Fish & Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 x 244
Cell: (252) 475-8353

"Benjamin, Pete" <pete_benjamin@fws.gov>

From: "Benjamin, Pete" <pete_benjamin@fws.gov>
Sent: Wed Jan 03 2018 14:10:23 GMT-0700 (MST)
To: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
CC: Joseph Madison <joseph_madison@fws.gov>, "Morse, Michael" <michael_l_morse@fws.gov>, Shaun Olson <shaun_olson@fws.gov>
Subject: Re: 2017 mortalities

Well, at least deer season is over.

Pete Benjamin
Field Supervisor
Raleigh ES Field Office
U.S. Fish and Wildlife Service
551F Pylon Drive
Raleigh, NC 27606
Office: (919) 856-4520 x 11
Mobile: (919) 816-6408

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On Wed, Dec 20, 2017 at 2:42 PM, Nordsven, Ryan <ryan_nordsven@fws.gov> wrote:

Out of curiosity, I just checked the mortality folder on the Google Drive - we now have seven red wolf mortalities so far in 2017. Four of those are gunshot, one is poison, one vehicle, and one unknown. We are down to only 20 known, collared wolves left in this population. Not good.

--

Ryan Nordsven
Wildlife Biologist
US Fish & Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 x 244
Cell: (252) 475-8353

"Morse, Michael" <michael_l_morse@fws.gov>

From: "Morse, Michael" <michael_l_morse@fws.gov>
Sent: Thu Jan 04 2018 08:09:43 GMT-0700 (MST)
To: "Benjamin, Pete" <pete_benjamin@fws.gov>
CC: "Nordsven, Ryan" <ryan_nordsven@fws.gov>, Joseph Madison <joseph_madison@fws.gov>, Shaun Olson <shaun_olson@fws.gov>
Subject: Re: 2017 mortalities

It's time for Donald Trump to make the Red Wolf Program bigger and better than ever...

On Wed, Jan 3, 2018 at 4:10 PM, Benjamin, Pete <pete_benjamin@fws.gov> wrote:

Well, at least deer season is over.

Pete Benjamin
Field Supervisor
Raleigh ES Field Office
U.S. Fish and Wildlife Service
[551F Pylon Drive](#)
[Raleigh, NC 27606](#)
Office: (919) 856-4520 x 11
Mobile: (919) 816-6408

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On Wed, Dec 20, 2017 at 2:42 PM, Nordsven, Ryan <ryan_nordsven@fws.gov> wrote:

Out of curiosity, I just checked the mortality folder on the Google Drive - we now have seven red wolf mortalities so far in 2017. Four of those are gunshot, one is poison, one vehicle, and one unknown. We are down to only 20 known, collared wolves left in this population. Not good.

--

Ryan Nordsven
Wildlife Biologist

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--

Michael L. Morse
Wildlife Biologist, USFWS
ENC ES Sub-Field Office
100 Conservation Way, PO Box 1969
Manteo, NC 27954
Work: (252) 473-1131, ext. 242
Cell#: **(252) 475-8350**

Label: "FOIA 20190531"

Created by:ryan_nordsven@fws.gov

Total Messages in label:255 (70 conversations)

Created: 06-12-2019 at 13:44 PM

Conversation Contents

wolf mortality table template

Attachments:

/60. wolf mortality table template/1.1 20160901_Mortality_table_website.docx

"Harrison, Rebecca" <rebecca_harrison@fws.gov>

From: "Harrison, Rebecca" <rebecca_harrison@fws.gov>
Sent: Fri Oct 28 2016 13:02:00 GMT-0600 (MDT)
To: Michael Morse <michael_l_morse@fws.gov>, Ryan Nordsven <ryan_nordsven@fws.gov>
CC: Pete Benjamin <pete_benjamin@fws.gov>, Matthew Butts <matthew_butts@fws.gov>
Subject: wolf mortality table template
Attachments: 20160901_Mortality_table_website.docx

Hi All,

After the the mortality today, I thought you might need the mortality table template to update the online counter. You may have this already, but I haven't seen anything posted online since June. Matt usually posts these as .pdfs, so please send to him once Pete approved the updates.

Thanks,
Becky

Becky (Bartel) Harrison, Ph.d.
Supervisory Wildlife Biologist
Alligator River & Pea Island National Wildlife Refuges
U.S. Fish & Wildlife Service
P.O. Box 1969
Manteo, NC 27954
Phone: (252) 473-1132 ext. 231
Email: rebecca_harrison@fws.gov

"Morse, Michael" <michael_l_morse@fws.gov>

From: "Morse, Michael" <michael_l_morse@fws.gov>
Sent: Fri Oct 28 2016 13:08:50 GMT-0600 (MDT)
To: "Harrison, Rebecca" <rebecca_harrison@fws.gov>
Ryan Nordsven <ryan_nordsven@fws.gov>, Pete Benjamin <pete_benjamin@fws.gov>, Matthew Butts <matthew_butts@fws.gov>
CC: <pete_benjamin@fws.gov>, Matthew Butts <matthew_butts@fws.gov>
Subject: Re: wolf mortality table template

Thanks Becky, I'll update it since June and get it to Pete.

On Fri, Oct 28, 2016 at 3:02 PM, Harrison, Rebecca <rebecca_harrison@fws.gov> wrote:

Hi All,

After the the mortality today, I thought you might need the mortality table template to update the online counter. You may have this already, but I haven't seen anything posted online since June. Matt usually posts these as .pdfs, so please send to him once Pete approved the updates.

Thanks,
Becky

Becky (Bartel) Harrison, Ph.d.
Supervisory Wildlife Biologist
Alligator River & Pea Island National Wildlife Refuges
U.S. Fish & Wildlife Service
P.O. Box 1969
Manteo, NC 27954
Phone: (252) 473-1132 ext. 231
Email: rebecca_harrison@fws.gov

--

Michael L. Morse
Wildlife Biologist, USFWS
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100 Conservation Way, PO Box 1969
Manteo, NC 27954
Work: (252) 473-1131, ext. 242
Cell#: (252) 475-8350

"Butts, Matthew" <matthew_butts@fws.gov>

From: "Butts, Matthew" <matthew_butts@fws.gov>
Sent: Tue Jan 03 2017 08:21:39 GMT-0700 (MST)
To: "Harrison, Rebecca" <rebecca_harrison@fws.gov>
Michael Morse <michael_l_morse@fws.gov>, Ryan Nordsven
<ryan_nordsven@fws.gov>, Pete Benjamin
<pete_benjamin@fws.gov>
CC:
Subject: Re: wolf mortality table template

Hi All,

I wanted to follow up on the mortality tracker for the website.

Michael,

The version you put on google doc says it was updated 9/1/16, but it differs from the one Becky sent. If the numbers on the Drive file are correct, can you update the date at the top, and re-share?

Pete,

Do I have approval to put this on the site, or do we have to wait on something? Thanks!

Respectfully,

Matthew Butts
Administrative Officer

U.S. Fish and Wildlife Service
Ecological Services - Raleigh Field Office
Office: 919-856-4520 x13
Cell: 919-418-3188

P.O. Box 33726
Raleigh, NC 27636

Work Schedule

In Office - Tues, Wed, Thurs (9:00A - 5:30P)
Teleworking - Mon, Fri (7:00A - 3:30P)

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On Fri, Oct 28, 2016 at 3:02 PM, Harrison, Rebecca <rebecca_harrison@fws.gov> wrote:
Hi All,

After the the mortality today, I thought you might need the mortality table template to update the online counter. You may have this already, but I haven't seen anything posted online since June. Matt usually posts these as .pdfs, so please send to him once Pete approved the updates.

Thanks,
Becky
Becky (Bartel) Harrison, Ph.d.
Supervisory Wildlife Biologist
Alligator River & Pea Island National Wildlife Refuges
U.S. Fish & Wildlife Service
P.O. Box 1969
Manteo, NC 27954
Phone: (252) 473-1132 ext. 231
Email: rebecca_harrison@fws.gov

"Harrison, Rebecca" <rebecca_harrison@fws.gov>

From: "Harrison, Rebecca" <rebecca_harrison@fws.gov>
Sent: Wed Dec 27 2017 09:51:49 GMT-0700 (MST)
To: Ryan Nordsven <ryan_nordsven@fws.gov>
Subject: Fwd: wolf mortality table template

Some #s from 2016. See whole thread.

The photos I have from 2015 are the 2 Northern pups and 5 Ventures ones.

Becky

Becky Bartel Harrison, Phd
Supervisory Wildlife Biologist
Alligator River & Pea Island National Wildlife Refuges
U.S. Fish & Wildlife Service
P.O. Box 1969
Manteo, NC 27954
(252) 473-1132 ext. 231
rebecca_harrison@fws.gov

----- Forwarded message -----

From: **Harrison, Rebecca** <rebecca_harrison@fws.gov>
Date: Thu, Jan 5, 2017 at 8:43 AM
Subject: Re: wolf mortality table template
To: "Benjamin, Pete" <pete_benjamin@fws.gov>
Cc: "Morse, Michael" <michael_l_morse@fws.gov>, "Butts, Matthew" <matthew_butts@fws.gov>, "Beyer, Arthur" <arthur_beyer@fws.gov>

Hi Pete,

For what it's worth, I would echo support for the #s Michael presented. I requested we reduce the population estimate to 35-55 back in May 2016, and that's when there were 10 more animals collared. There is more uncertainty with property access issues and limited monitoring efforts, but the declining trend is undeniable. While pup detectability has been an issue in recent years, the # of breeding pairs has also tanked, so reduced wolf productivity is very likely.

Becky

p.s. Michael--I renamed the Google worksheet to reflect the December date just to avoid confusion with the older mortality table.

Becky Bartel Harrison, Phd
Supervisory Wildlife Biologist
Alligator River & Pea Island National Wildlife Refuges
U.S. Fish & Wildlife Service
P.O. Box 1969
Manteo, NC 27954
Phone: (252) 473-1132 ext. 231
Email: rebecca_harrison@fws.gov

On Thu, Jan 5, 2017 at 8:25 AM, Benjamin, Pete <pete_benjamin@fws.gov> wrote:

Hi all,

Let me know when you all are comfortable that the numbers are correct and I'll advise the RO that we are getting ready to post it. Obviously we can't post it until we get RO thumbs up. Thanks,

Pete Benjamin
Field Supervisor
Raleigh ES Field Office

U.S. Fish and Wildlife Service
551F Pylon Drive
Raleigh, NC 27606
Office: (919) 856-4520 x 11
Mobile: (919) 816-6408

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On Wed, Jan 4, 2017 at 4:10 PM, Morse, Michael <michael_l_morse@fws.gov> wrote:
Matt,

The table now includes all known red wolf mortality for 2016. Not included currently are the two suspected red wolf deaths that are pending genetic analysis [(1 vehicle/Belhaven) (1 gunshot/PLNWR)].

The known population number comes from the 22 radio collared wolves we were currently monitoring at the EOY, 2016.

The population estimate (32 - 47) is derived from the known number (22) plus the seven documented Milltail pups in 2016. In addition to that 29 figure (22 collared + 7 documented pups), we're also including the three fate-unknown wolves we lost track of during 2016. We have no indication that those three animals are actually dead and that they've just stopped transmitting due to the age of the radio collars.

The high end of the estimate (47) comes from the addition of 15 pups possibly born in 2016 to three additional red wolf packs that showed denning behavior last spring but were not documented.

If you have any questions please contact me. Thank you.

 [20160901_Mortality_table_website.docx](#)

On Wed, Jan 4, 2017 at 9:13 AM, Butts, Matthew <matthew_butts@fws.gov> wrote:
https://docs.google.com/a/doi.gov/document/d/1VrpNoiJ8MOSS4RxT4Va8Ka_YcK007GSqFWJTCNP5INs/edit?usp=sharing

No worries. I hadn't gotten permission to publish. I was hoping to get that by sending the email. I think the version on drive is up to date, minus the last one, but it just has the wrong date at the top right.

Respectfully,

Matthew Butts
Administrative Officer

U.S. Fish and Wildlife Service
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Office: 919-856-4520 x13
Cell: 919-418-3188

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On Wed, Jan 4, 2017 at 8:19 AM, Morse, Michael <michael_l_morse@fws.gov> wrote:
Morning Matt. Which drive table are you looking at and I'll go in and see what's up.
Sorry for any confusion. Thanks for doing that.

Regards,

Michael

On Tue, Jan 3, 2017 at 10:21 AM, Butts, Matthew <matthew_butts@fws.gov> wrote:
Hi All,

I wanted to follow up on the mortality tracker for the website.

Michael,

The version you put on google doc says it was updated 9/1/16, but it differs from the one Becky sent. If the numbers on the Drive file are correct, can you update the date at the top, and re-share?

Pete,

Do I have approval to put this on the site, or do we have to wait on something?
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Respectfully,

Matthew Butts
Administrative Officer

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On Fri, Oct 28, 2016 at 3:02 PM, Harrison, Rebecca <rebecca_harrison@fws.gov> wrote:

Hi All,

After the the mortality today, I thought you might need the mortality table template to update the online counter. You may have this already, but I haven't seen anything posted online since June. Matt usually posts these as .pdfs, so please send to him once Pete approved the updates.

Thanks,
Becky

Becky (Bartel) Harrison, Ph.d.
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Alligator River & Pea Island National Wildlife Refuges
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Manteo, NC 27954
Phone: (252) 473-1132 ext. 231
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--

Michael L. Morse
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100 Conservation Way, PO Box 1969
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Work: (252) 473-1131, ext. 242
Cell#: **(252) 475-8350**

--

Michael L. Morse
Wildlife Biologist, USFWS
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100 Conservation Way, PO Box 1969
Manteo, NC 27954
Work: (252) 473-1131, ext. 242
Cell#: **(252) 475-8350**

Label: "FOIA 20190531"

Created by:ryan_nordsven@fws.gov

Total Messages in label:255 (70 conversations)

Created: 06-12-2019 at 13:44 PM

Conversation Contents

WRC Draft Coyote Management Plan Review Webinar

"Nordsven, Ryan" <ryan_nordsven@fws.gov>

From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Sent: Thu Dec 21 2017 10:40:02 GMT-0700 (MST)
To: Pete Benjamin <pete_benjamin@fws.gov>
Joseph Madison <joseph_madison@fws.gov>, "Morse, Michael"
CC: <michael_l_morse@fws.gov>, Shaun Olson
<shaun_olson@fws.gov>
Subject: WRC Draft Coyote Management Plan Review Webinar

Coming up in an hour. This is the first I've heard of this. Are you or or anyone you know attending? I don't see any way to listen remotely.

<http://www.ncwildlife.org/Portals/0/About/documents/2017-12-21-NCWRC-Draft-Coyote-Management-Plan-Review-Webinar.pdf>

--

Ryan Nordsven
Wildlife Biologist
US Fish & Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 x 244
Cell: (252) 475-8353

"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Thu Dec 21 2017 10:44:48 GMT-0700 (MST)
To: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Subject: Re: WRC Draft Coyote Management Plan Review Webinar

First I've heard of it.

Joe Madison
Assistant Field Supervisor
Eastern North Carolina Ecological Services Sub-Office
U.S. Fish and Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 ext 245
joseph_madison@fws.gov

On Thu, Dec 21, 2017 at 12:40 PM, Nordsven, Ryan <ryan_nordsven@fws.gov> wrote:
Coming up in an hour. This is the first I've heard of this. Are you or anyone you know attending? I don't see any way to listen remotely.

<http://www.ncwildlife.org/Portals/0/About/documents/2017-12-21-NCWRC-Draft-Coyote-Management-Plan-Review-Webinar.pdf>

--

Ryan Nordsven
Wildlife Biologist
US Fish & Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 x 244
Cell: (252) 475-8353

Label: "FOIA 20190531"

Created by:ryan_nordsven@fws.gov

Total Messages in label:255 (70 conversations)

Created: 06-12-2019 at 13:44 PM

Conversation Contents

trapping SOP draft

Attachments:

/62. trapping SOP draft/1.1 20150713_DRAFT SOP_6.1_Trapping.docx

"Nordsven, Ryan" <ryan_nordsven@fws.gov>

From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Sent: Thu Dec 07 2017 12:30:07 GMT-0700 (MST)
To: "Shiple, Andrea J" <andrea.shiple@ncwildlife.org>
Subject: trapping SOP draft
Attachments: 20150713_DRAFT SOP_6.1_Trapping.docx

Andrea, I've attached the draft trapping SOP we're finalizing. I'll send you an updated copy if we make any significant changes to it but I don't anticipate that. Also, here is the link to the latest kennels we've been using:

<https://rufftoughkennels.com/Kennels/Large-Dog-Crate>

Thanks and talk soon.

Ryan

--

Ryan Nordsven
Wildlife Biologist
US Fish & Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 x 244
Cell: (252) 475-8353

Label: "FOIA 20190531"

Created by:ryan_nordsven@fws.gov

Total Messages in label:255 (70 conversations)

Created: 06-12-2019 at 13:44 PM

Conversation Contents

NCSU Immobilization Protocol

Attachments:

/63. NCSU Immobilization Protocol/1.1 image009.png
/63. NCSU Immobilization Protocol/1.2 image010.png
/63. NCSU Immobilization Protocol/1.3 image011.png
/63. NCSU Immobilization Protocol/1.4 image012.png
/63. NCSU Immobilization Protocol/2.1 20121129_SOP_1.2_Processing.docx
/63. NCSU Immobilization Protocol/3.1 image001.png
/63. NCSU Immobilization Protocol/3.2 image002.png
/63. NCSU Immobilization Protocol/3.3 image003.png
/63. NCSU Immobilization Protocol/3.4 image004.png

"Shiple, Andrea J" <andrea.shiple@ncwildlife.org>

From: "Shiple, Andrea J" <andrea.shiple@ncwildlife.org>
Sent: Tue Dec 05 2017 06:03:01 GMT-0700 (MST)
To: "ryan_nordsven (ryan_nordsven@fws.gov)" <ryan_nordsven@fws.gov>
Subject: NCSU Immobilization Protocol
Attachments: image009.png image010.png image011.png image012.png

Hey Ryan, It was good seeing you at the meeting last week, glad you could attend! I'm working on draft revisions this week and you had mentioned the NCSU immobilization protocol. A google search didn't turn up that document, so I was hoping to get a copy from you. Can you believe it's December already?! Andrea ----- Andrea J. Shiple Canid Biologist, Wildlife Diversity Program NC Wildlife Resources Commission 38 Mattamuskeet Rd, Swan Quarter, NC 27885 office: 252-926-0266 mobile: 984-232-1542 ncwildlife.org [fb icon][twitter icon][insta icon][youtube icon]

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"Nordsven, Ryan" <ryan_nordsven@fws.gov>

From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Sent: Wed Dec 06 2017 08:07:52 GMT-0700 (MST)
To: "Shiple, Andrea J" <andrea.shiple@ncwildlife.org>
Subject: Re: NCSU Immobilization Protocol
Attachments: 20121129_SOP_1.2_Processing.docx

Hi Andrea,

I've attached a copy of the Processing SOP we have worked under which includes the immobilization protocol developed in conjunction with NCSU. There should be some useful

information in there for you. I'm also updating our Trapping SOP and will send that to you once it's done if you're interested. Also let me know if there's a time you might be interested in meeting or just chatting over the phone about trapping in general. I thought I might be able to pass along some useful information - things that have worked well and not so well for us over the years, things to watch out for, etc. Thanks and talk soon!

Ryan

On Tue, Dec 5, 2017 at 8:03 AM, Shipley, Andrea J <andrea.shipley@ncwildlife.org> wrote:

Hey Ryan,

It was good seeing you at the meeting last week, glad you could attend!

I'm working on draft revisions this week and you had mentioned the NCSU immobilization protocol. A google search didn't turn up that document, so I was hoping to get a copy from you.

Can you believe it's December already?!

Andrea

Andrea J. Shipley
Canid Biologist, Wildlife Diversity Program

NC Wildlife Resources Commission
38 Mattamuskeet Rd, Swan Quarter, NC 27885
office: 252-926-0266
mobile: 984-232-1542

ncwildlife.org<<http://ncwildlife.org>>

[fb icon][twitter icon][insta icon][youtube icon]

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--
Ryan Nordsven
Wildlife Biologist
US Fish & Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 x 244
Cell: (252) 475-8353

"Shipley, Andrea J" <andrea.shipley@ncwildlife.org>

From: "Shipley, Andrea J" <andrea.shipley@ncwildlife.org>
Sent: Thu Dec 07 2017 06:37:25 GMT-0700 (MST)
To: "Nordsven, Ryan" <ryan_nordsven@fws.gov>

Subject: RE: [External] Re: NCSU Immobilization Protocol
Attachments: image001.png image002.png image003.png image004.png

Hey Ryan,

Thanks for sending that over; I'd definitely be interested in the trapping SOP as well. May come in too late to incorporate in this draft of the proposal since I have to submit on Friday, but we could certainly implement on the ground this field season.

I'll be in the office all day today, feel free to call any time after 10am.

Thanks,

Andrea

Andrea J. Shipley
Canid Biologist, Wildlife Diversity Program

NC Wildlife Resources Commission
38 Mattamuskeet Rd, Swan Quarter, NC 27885
office: 252-926-0266
mobile: 984-232-1542

ncwildlife.org



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From: Nordsven, Ryan [mailto:ryan_nordsven@fws.gov]
Sent: Wednesday, December 06, 2017 10:08 AM
To: Shipley, Andrea J <andrea.shipley@ncwildlife.org>
Subject: [External] Re: NCSU Immobilization Protocol

CAUTION: External email. Do not click links or open attachments unless verified. Send all suspicious email as an attachment to report.spam@nc.gov.

Hi Andrea,

I've attached a copy of the Processing SOP we have worked under which includes the immobilization protocol developed in conjunction with NCSU. There should be some useful information in there for you. I'm also updating our Trapping SOP and will send that to you once it's done if you're interested. Also let me know if there's a time you might be interested in meeting or just chatting over the phone about trapping in general. I thought I might be able to pass along some useful information - things that have worked well and not so well for us over the years, things to watch out for, etc. Thanks and talk soon!

Ryan

On Tue, Dec 5, 2017 at 8:03 AM, Shipley, Andrea J <andrea.shipley@ncwildlife.org> wrote:

Hey Ryan,

It was good seeing you at the meeting last week, glad you could attend!

I'm working on draft revisions this week and you had mentioned the NCSU immobilization protocol. A google search didn't turn up that document, so I was hoping to get a copy from you.

Can you believe it's December already?!

Andrea

Andrea J. Shipley
Canid Biologist, Wildlife Diversity Program

NC Wildlife Resources Commission
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--
Ryan Nordsven
Wildlife Biologist
US Fish & Wildlife Service
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Manteo, NC 27954
Office: (252) 473-1132 x 244
Cell: (252) 475-8353

Label: "FOIA 20190531"

Created by:ryan_nordsven@fws.gov

Total Messages in label:255 (70 conversations)

Created: 06-12-2019 at 13:45 PM

Conversation Contents

Fwd: thoughts on interspecific studies on red wolves and coyotes

Attachments:

/67. Fwd: thoughts on interspecific studies on red wolves and coyotes/1.1
Hinton_UGAdissertation2014.pdf

/67. Fwd: thoughts on interspecific studies on red wolves and coyotes/1.2 Vaughn and
Kelly 2011 US 64 Red Wolf Final Report.pdf

"Harrison, Rebecca" <rebecca_harrison@fws.gov>

From: "Harrison, Rebecca" <rebecca_harrison@fws.gov>
Sent: Mon Nov 27 2017 11:55:54 GMT-0700 (MST)
Pete Benjamin <pete_benjamin@fws.gov>, Rebekah Martin
<rebekah_p_martin@fws.gov>, Scott Lanier
<scott_lanier@fws.gov>, Joe Madison
<joseph_madison@fws.gov>, Arthur Beyer
To: <arthur_beyer@fws.gov>, Ryan Nordsven
<ryan_nordsven@fws.gov>, Michael Morse
<michael_l_morse@fws.gov>, Shaun Olson
<shaun_olson@fws.gov>
Subject: Fwd: thoughts on interspecific studies on red wolves and coyotes
Attachments: Hinton_UGAdissertation2014.pdf Vaughn and Kelly 2011 US 64
Red Wolf Final Report.pdf

FYI, this is from March 2016. As you can see, we've had this discussion before with similar concerns. My initial email has some details in it regarding how many GPS were previously deployed for reference in case those totals are helpful. I've attached Hinton's dissertation (which has results from both wolves and coyotes) and Vaughn's report from the DOT-supported work (32 wolf collars). I believe these projects used much of the same data from various animals, but the field crew can correct me if that's incorrect. Table 1 in the Vaughn report (p.14) gives details about the targeted individuals for the collars.

Becky

Becky Bartel Harrison, Phd
Supervisory Wildlife Biologist
Alligator River & Pea Island National Wildlife Refuges
U.S. Fish & Wildlife Service
P.O. Box 1969
Manteo, NC 27954
(252) 473-1132 ext. 231
rebecca_harrison@fws.gov

----- Forwarded message -----

From: **Bryant, Mike** <mike_bryant@fws.gov>
Date: Wed, Mar 16, 2016 at 8:28 AM

Subject: Re: thoughts on interspecific studies on red wolves and coyotes

To: "Harrison, Rebecca" <rebecca_harrison@fws.gov>

Cc: Pete Benjamin <pete_benjamin@fws.gov>, Scott Lanier <scott_lanier@fws.gov>, Arthur Beyer <arthur_beyer@fws.gov>

These thoughts, which I understand and agree with, bring more clarity and specificity to my concerns. In addition to the policy concerns (ESA-Section 7 and compatibility) I've raised - now, in my mind, there is the scientific integrity policy which could be compromised.

On Tue, Mar 15, 2016 at 3:43 PM, Harrison, Rebecca <rebecca_harrison@fws.gov> wrote:

Hi All,

I've been hearing some details about work proposed on Alligator River to examine interspecific interactions. I wanted to share my thoughts and concerns about these efforts in case they're useful in ongoing discussions. I will not be addressing any refuge-specific compatibility issues, but instead wanted to speak to the scientific approach more generally.

My biggest concern is the general lack of experimental design. I understand the goal is to examine inter-specific interactions between wolves and coyotes, but I have not seen any clear research objectives put forward. What research questions specifically would these efforts assess? Given these could be better articulated, I still have concerns about logistics that would seriously impede an adequate sample size and statistical inference.

Right now, we only have access to 4 GPS collars from NCWRC (all smaller size more appropriate for coyotes). It's my understanding another 10 are ordered and would be available later this spring/summer. Optimistically, that would leave 14 collars available. If these were split evenly between species, 7 canids of each group could be collared. This is not a decent sample size to sufficiently document interactions or infer any kind of trend. Ideally these efforts would not all be limited to one location or sampling site, but instead efforts would be stratified across locations and habitat types across the recovery area, requiring a larger sample size. [*Side note: Currently, on Alligator River, there are 7 wolves and 1 radio-collared sterilized placeholder we are actively monitoring. Eight animals to choose from here is not ideal. Additionally, we would be making some unrealistic assumptions that we could capture all of these animals to install a GPS collar anyway.*] An additional field concern and logistical constraint is that trapping season is coming to a close. As we get closer to whelping season, we typically cease efforts around March 15 (now) in order to avoid capturing pregnant females. These efforts are not usually continued until the late fall due to the heat and temperature constraints of trapping in late spring/summer. I'm not even addressing the staff limitations to actually implement these efforts.

My other concern is why anyone would attempt to reinvent the wheel here. There have been a significant amount of investigations examining interspecific interactions already, many of which occurred over longer time periods and with larger sampling sizes. Most notable of these efforts was Hinton's (2014) dissertation work, "*Red wolf and coyote ecology and interactions in northeastern North Carolina*". This research utilized a larger dataset with 28 GPS-collared coyotes and 34 GPS-collared red wolves. His results shared insights on space use, food habits, etc. (Hinton 2014, Hinton et al. 2015, Hinton et al. in review). Additional efforts examined other aspects of spatial dynamics between the two species (Roth et al.

2008, Gese and Terletzky 2015). Researchers at Virginia Tech also examined home range sizes, habitat use, and road use/avoidance using GPS data from red wolves (n = 32; Vaughn and Kelly 2011). There have been numerous projects investigating comparative food habits of both species (Souther and Wiggers 2012, McVey et al. 2013, Hinton 2014). Similarly, there have been intensive studies assessing red wolf/coyote interactions and the factors influencing hybridization and genetic consequences (Adams et al. 2003, Beck 2005, Bohling and Waits 2011, Bohling et al. 2013, 2015, Gese et al. 2015). Most recently, Gese and Terletzky (2015) examined a long-term data of radio-collared sterilized placeholder coyotes and radio-collared red wolves. Their work gave insights on territorial fidelity, survival rates, displacement rates (of coyotes by wolves), and showed uni-directional mortality events (i.e., wolves kill coyotes & not vice versa).

In summary, I'm unclear of the intention of this proposed work. There is no clear experimental design or research objectives. I don't think that 14 collars (7 on each species) is going to show anything new that studies with 4x as many observed animals have already documented. I think these resources (and very expensive collars) would be better utilized asking other more specific questions. For example, while we know much about the food habits of both canids, there is still much to be learned about the actual trophic cascades.

Just my two cents. If I can provide additional information or a list of references, please let me know.

Becky

Becky (Bartel) Harrison, Ph.d.
Refuge Biologist (temporary detail through May 22)
Alligator River National Wildlife Refuge
Pea Island National Wildlife Refuge

Supervisory Biologist/Red Wolf Recovery Lead
Pollinator Coordinator-Southeast Region

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--

Michael R. Bryant
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mike_bryant@fws.gov
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Label: "FOIA 20190531"

Created by:ryan_nordsven@fws.gov

Total Messages in label:255 (70 conversations)

Created: 06-12-2019 at 13:45 PM

Conversation Contents

Fwd: ESA Sections 7 and 10 relative to the Red Wolf Program

"Madison, Joseph" <joseph_madison@fws.gov>

From: "Madison, Joseph" <joseph_madison@fws.gov>
Sent: Mon Nov 27 2017 11:17:58 GMT-0700 (MST)
To: "Harrison, Rebecca" <rebecca_harrison@fws.gov>, "Morse, Michael" <michael_l_morse@fws.gov>, Ryan Nordsven <ryan_nordsven@fws.gov>, Shaun Olson <shaun_olson@fws.gov>, Arthur Beyer <arthur_beyer@fws.gov>
Subject: Fwd: ESA Sections 7 and 10 relative to the Red Wolf Program

FYI, emails regarding permits required by the State or SSP facilities.

Joe Madison
Assistant Field Supervisor
Eastern North Carolina Ecological Services Sub-Office
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joseph_madison@fws.gov

----- Forwarded message -----

From: **Marlowe, Karen** <karen_marlowe@fws.gov>
Date: Thu, Nov 9, 2017 at 1:07 PM
Subject: Re: ESA Sections 7 and 10 relative to the Red Wolf Program
To: "Benjamin, Pete" <pete_benjamin@fws.gov>
Cc: "Ziewitz, Jerry" <jerry_ziewitz@fws.gov>, Robert Tawes <robert_tawes@fws.gov>, Emily Weller <emily_weller@fws.gov>, Joseph Madison <joseph_madison@fws.gov>

Hi Pete,

That's correct. The State Conservation Agency does not require a permit to take threatened species, as per 50 CFR 17.31(b).

Karen Marlowe
Southeast Region Recovery Permit Coordinator
[1875 Century Blvd](#)
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404-679-7097 (ph)
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permitsr4es@fws.gov

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Information Act (FOIA) and may be disclosed to third parties.

On Thu, Nov 9, 2017 at 12:58 PM, Benjamin, Pete <pete_benjamin@fws.gov> wrote:

Hi Karen,

Circling back on this with a new wrinkle. The NC Wildlife Resources Commission has shared with us a proposal to conduct research on canids (wolves, coyotes, and hybrids) within the NEP area over the next two years. They are proposing to trap and collar canids in three of the five counties within the NEP (while processing the trapped animals they'll also be drawing blood, taking measurements, etc.). The need approvals from Refuges prior to any work on FWS lands, and that will take awhile, so they envision working on private and State lands this winter. Based on paragraph number 3 above, it is my understanding that they would not need a permit to conduct this work, correct?

Pete Benjamin
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On Fri, Oct 20, 2017 at 8:27 AM, Ziewitz, Jerry <jerry_ziewitz@fws.gov> wrote:

Karen,

Here's some clarification about what I said. We do formal consultation for actions that may adversely affect a non-essential experimental population on NWR lands, because policy (the Handbook) says we treat such a population as a threatened species. My point on the phone was that I don't really understand why, because our policy also says:

"By definition, a "nonessential experimental population" is not essential to the continued existence of the species. Therefore no proposed action impacting a population so designated could lead to a jeopardy determination for the entire species."

The purpose of consultation is to ensure compliance with section 7a2. If we can never jeopardize the continued existence of a species through actions that affect only a NEP, what's the point of formal consultation for such actions? I think take prohibitions for NEPs are established in the 10j rule, so maybe formal consultation is the pathway for securing exemption for actions on NWRs? That, I'm not sure about. NEPs are a strange circumstance in ESA consultation.

Jerry Ziewitz
Endangered Species Act Consultation Coordinator
Southeast Region, USFWS
[10210 Miccosukee Road](#)
[Tallahassee, FL 32309](#)
850-877-6513
jerry_ziewitz@fws.gov

On Thu, Oct 19, 2017 at 11:17 AM, Marlowe, Karen <karen_marlowe@fws.gov> wrote:

Hi Pete,

I mentioned this section 7 question to Jerry Ziewitz the other day on our DER staff call and he was thinking that a formal consultation may not be appropriate for the red wolf non-essential population. I'm looping Jerry in on this so he can provide his advice (when he has a free moment!).

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On Fri, Oct 13, 2017 at 9:58 AM, Marlowe, Karen <karen_marlowe@fws.gov> wrote:
Hi Pete,

Thanks so much for preparing this summary. Just a couple of recommended edits are shown below, and a comment regarding the section 7 issue:

1. Regarding the captive population of red wolves maintained by Point Defiance Zoo and Aquarium and the other member facilities of the Species Survival Plan, their normal animal husbandry activities do not meet the definition of "harassment" under the ESA, as articulated at 50 CFR **17.3**. As such, no permit under Section 10 is needed for any of the routine actions involving red wolves at SSP facilities.
2. Transferring animals between SSP facilities or from an SSP facility to the NEP does not constitute interstate commerce, and as such does not require a Section 10 permit (though other State and federal compliance/permits may be required depending on the point of origin and destination of the animal(s)).
3. Because the red wolves in the NEP are considered a threatened species where they occur on Service lands, and as proposed for listing where they occur on other lands within the NEP, Service personnel, and State conservation agency personnel (where a Section 6(c) Cooperative Agreement exist between the State and the Service) may take red wolves acting in the course of their official duties (50 CFR 17.31(b)) **without a federal permit**.

As such, all red wolf conservation activities currently being conducted by Service personnel, SSP facility personnel or State personnel **are in compliance with sections 7 and 10 of the Act**. *** I still think that we may be vulnerable on a section 7 front, because the act of USFWS carrying out red wolf recovery activities in the NEP is a federal action that requires section 7 compliance. Given that the actions constitute "take", the consultation must be a formal consultation. If this was already done at the time that the NEP rulemaking was done, then we should mention that here and provide the date of that consultation (perhaps attach a copy so we all have it). Jerry Ziewitz may have further advice/guidance on this.**

It would be desirable to have all current and anticipated red wolf conservation activities described in a single document, along with the applicable statutory or

regulatory language under which those activities are authorized. We can accomplish this either via a consultation on a Memorandum of Understanding we may develop with the SSP, or via the consultation we will be conducting in conjunction with revisions to the Section 10(j) rule.

Karen Marlowe
Southeast Region Recovery Permit Coordinator

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On Thu, Oct 12, 2017 at 12:41 PM, Benjamin, Pete <pete_benjamin@fws.gov> wrote:

Thanks all for a very informative call today. Here is my understanding of things; please add or correct as needed.

1. Regarding the captive population of red wolves maintained by Point Defiance Zoo and Aquarium and the other member facilities of the Species Survival Plan, their normal animal husbandry activities do not meet the definition of "harassment" under the ESA, as articulated at 50 CFR 17.3(c). As such, no permit under Section 10 is needed for any of the routine actions involving red wolves at SSP facilities.
2. Transferring animals between SSP facilities or from an SSP facility to the NEP does not constitute interstate commerce, and as such does not require a Section 10 permit (though other State and federal compliance/permits may be required depending on the point of origin and destination of the animal(s)).
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As such, all red wolf conservation activities currently being conducted by Service personnel, SSP facility personnel or State personnel are in compliance with sections 7 and 10 of the Act.

It would be desirable to have all current and anticipated red wolf conservation activities described in a single document, along with the applicable statutory or regulatory language under which those activities are authorized. We can accomplish this either via a consultation on a Memorandum of Understanding we may develop with the SSP, or via the consultation we will be conducting in conjunction with revisions to the Section 10(j) rule.

Pete Benjamin
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Label: "FOIA 20190531"

Created by:ryan_nordsven@fws.gov

Total Messages in label:255 (70 conversations)

Created: 06-12-2019 at 13:45 PM

Conversation Contents

Current Pack Areas

Attachments:

/69. Current Pack Areas/1.1 image002.png
/69. Current Pack Areas/1.2 image004.png
/69. Current Pack Areas/1.3 image006.png
/69. Current Pack Areas/1.4 image008.png
/69. Current Pack Areas/2.1 image002.png
/69. Current Pack Areas/2.2 image004.png
/69. Current Pack Areas/2.3 image006.png
/69. Current Pack Areas/2.4 image008.png
/69. Current Pack Areas/4.1 image001.png
/69. Current Pack Areas/4.2 image002.png
/69. Current Pack Areas/4.3 image003.png
/69. Current Pack Areas/4.4 image004.png
/69. Current Pack Areas/5.1 image004.png
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/69. Current Pack Areas/8.7 image003.png
/69. Current Pack Areas/8.8 image004.png

"Shipley, Andrea J" <andrea.shipley@ncwildlife.org>

From: "Shipley, Andrea J" <andrea.shipley@ncwildlife.org>
Sent: Tue Oct 24 2017 06:43:20 GMT-0600 (MDT)

To: "ryan_nordsven (ryan_nordsven@fws.gov)"
<ryan_nordsven@fws.gov>
Subject: Current Pack Areas
Attachments: image002.png image004.png image006.png image008.png

Hey Ryan, I'm trying to sort out where to target trapping efforts on private lands this winter. I heard the female on MV was shot recently (ugh), so I'm wondering where the other RW packs are located currently? Since things are still up in the air regarding FWS processes, I'd rather try to avoid within those areas to start. Do you have a current map of estimated pack areas? Have you been able to monitor the GPS collared wolves alright since getting up on the software? I may need to retrieve the VHF equipment in the near future. Hope all is well! Andrea -----

----- Andrea J. Shipley Temporary Canid Biologist NC
Wildlife Resources Commission PO Box 301, Swan Quarter, NC 27885 mobile: 984-232-1542
office: 252-926-0266 ncwildlife.org [fb icon][twitter icon][insta icon][youtube icon]

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"Nordsven, Ryan" <ryan_nordsven@fws.gov>

From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Sent: Tue Oct 24 2017 07:42:16 GMT-0600 (MDT)
To: Joseph Madison <joseph_madison@fws.gov>, "Morse, Michael" <michael_l_morse@fws.gov>, Shaun Olson <shaun_olson@fws.gov>
Subject: Fwd: Current Pack Areas
Attachments: image002.png image004.png image006.png image008.png

----- Forwarded message -----

From: **Shipley, Andrea J** <andrea.shipley@ncwildlife.org>
Date: Tue, Oct 24, 2017 at 6:43 AM
Subject: Current Pack Areas
To: "ryan_nordsven (ryan_nordsven@fws.gov)" <ryan_nordsven@fws.gov>

Hey Ryan,

I'm trying to sort out where to target trapping efforts on private lands this winter. I heard the female on MV was shot recently (ugh), so I'm wondering where the other RW packs are located currently? Since things are still up in the air regarding FWS processes, I'd rather try to avoid within those areas to start. Do you have a current map of estimated pack areas?

Have you been able to monitor the GPS collared wolves alright since getting up on the software? I may need to retrieve the VHF equipment in the near future.

Hope all is well!

Andrea

Andrea J. Shipley
Temporary Canid Biologist

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"Nordsven, Ryan" <ryan_nordsven@fws.gov>

From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Sent: Wed Oct 25 2017 09:49:39 GMT-0600 (MDT)
To: "Shipley, Andrea J" <andrea.shipley@ncwildlife.org>
Subject: Re: Current Pack Areas

Hey Andrea,

We don't really have a current map of wolf packs on the A.P. Unfortunately there are hardly any left out there and we haven't kept a map current. Now that the Ventures female is dead there are only two known intact packs left (Milltail and Beech Ridge) and one additional breeding pair south of Columbia near Northern Rd. The situation is pretty dire for this population and we agree that it would be best to avoid the few remaining known wolf packs. There are of course other wolves scattered across the A.P. along with collared coyotes so if you want to let us know specific areas where you are planning on trapping initially we can let you know of any known canids in that particular area.

I have been monitoring the GPS collared wolves regularly - the software is working fine. We were also tracking the Ventures male regularly with the VHF gear while he was up around Milltail (hoping he might stick around and pair with one of the females there) but now he's back down at Ventures/Lux. Thanks for letting us use the gear. Let us know when you want it back and we can meet up.

Speaking of gear, do you already have the collars in hand and that you are planning on using and, if so, at what frequency range? One concern we have here is that there are only 23 radio-collared wolves left on the A.P. (17 of which are inside your proposed study area). If you were

to switch out the collars on those animals with ones emitting a 150 mHz frequency, it would really limit our ability to track, monitor, and manage the remaining population. Would it be possible to use collars, at least on any wolves captured, that emit a 164-165 mHz frequency to keep things consistent with what is already out there? This is what previous researchers always did here when placing VHF or GPS collars on wolves (and coyotes). If you are willing and/or able to do this we should be able to get you a set of VHF tracking gear, but that would make things much easier for us to continue monitoring this population as we have always done while you conducted your research.

Thanks and talk soon,

Ryan

On Tue, Oct 24, 2017 at 6:43 AM, Shipley, Andrea J <andrea.shipley@ncwildlife.org> wrote:

Hey Ryan,

I'm trying to sort out where to target trapping efforts on private lands this winter. I heard the female on MV was shot recently (ugh), so I'm wondering where the other RW packs are located currently? Since things are still up in the air regarding FWS processes, I'd rather try to avoid within those areas to start. Do you have a current map of estimated pack areas?

Have you been able to monitor the GPS collared wolves alright since getting up on the software? I may need to retrieve the VHF equipment in the near future.

Hope all is well!

Andrea

Andrea J. Shipley
Temporary Canid Biologist

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Cell: (252) 475-8353

"Shipley, Andrea J" <andrea.shipley@ncwildlife.org>

From: "Shipley, Andrea J" <andrea.shipley@ncwildlife.org>
Sent: Wed Nov 01 2017 09:46:15 GMT-0600 (MDT)
To: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Subject: RE: [External] Re: Current Pack Areas
Attachments: image001.png image002.png image003.png image004.png

Hey Ryan,

Yes, that is super helpful! I am going to be putting together some potential trapping area maps and I'll probably bring them with me to the meeting. If I'm able to pull them together before the meeting, I'll send you copies.

So, we did not get approval to order any new collars this year. We've only just refurbished the ones we already had in hand with new batteries. If we're able to dovetail our projects in the next field season, then addressing the VHF frequency issue should be something we discuss before we order new collars.

Is there a day next week that would work to drop by and pick up the telemetry equipment? My schedule is flexible everyday but Friday, I'm not available that day.

All the best,

Andrea

Andrea J. Shipley
Temporary Canid Biologist

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From: Nordsven, Ryan [mailto:ryan_nordsven@fws.gov]
Sent: Wednesday, October 25, 2017 11:50 AM
To: Shipley, Andrea J <andrea.shipley@ncwildlife.org>
Subject: [External] Re: Current Pack Areas

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Hey Andrea,

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Hope all is well!

Andrea

Andrea J. Shipley
Temporary Canid Biologist

NC Wildlife Resources Commission
PO Box 301, Swan Quarter, NC 27885
mobile: 984-232-1542
office: 252-926-0266

ncwildlife.org <<http://ncwildlife.org/>>

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Ryan Nordsven
Wildlife Biologist
US Fish & Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 x 244
Cell: (252) 475-8353

"Nordsven, Ryan" <ryan_nordsven@fws.gov>

From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Sent: Thu Nov 02 2017 09:38:03 GMT-0600 (MDT)
To: "Shiple, Andrea J" <andrea.shiple@ncwildlife.org>
Subject: Re: [External] Re: Current Pack Areas
Attachments: image004.png image002.png image003.png image001.png

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Subject: [External] Re: Current Pack Areas

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From: "Shipley, Andrea J" <andrea.shipley@ncwildlife.org>
Sent: Mon Nov 06 2017 12:44:16 GMT-0700 (MST)
To: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Subject: RE: [External] Re: Current Pack Areas
Attachments: image009.png image010.png image011.png image012.png
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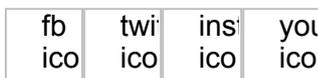
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Sent: Mon Nov 06 2017 16:10:57 GMT-0700 (MST)
To: "Shiple, Andrea J" <andrea.shiple@ncwildlife.org>
Subject: Re: [External] Re: Current Pack Areas
Attachments: image009.png image012.png image011.png image004.png
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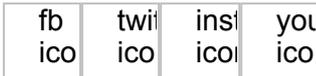
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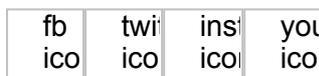
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Attachments: image009.png image010.png image011.png image012.png
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This'll be the one time in life that my assumption matched reality! LOL

I'll come out to the office, I really enjoy the drive.

See you then!

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Subject: Re: [External] Re: Current Pack Areas

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Have you been able to monitor the GPS collared wolves alright since getting up on the software? I may need to retrieve the VHF equipment in the near future.

Hope all is well!

Andrea

Andrea J. Shipley
Temporary Canid Biologist

NC Wildlife Resources Commission
PO Box 301, Swan Quarter, NC 27885
mobile: 984-232-1542
office: 252-926-0266

ncwildlife.org<<http://ncwildlife.org/>>

[fb icon][twitter icon][insta icon][youtube icon]

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--

Ryan Nordsven
Wildlife Biologist
US Fish & Wildlife Service
100 Conservation Way
Manteo, NC 27954
Office: (252) 473-1132 x 244
Cell: (252) 475-8353

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Label: "FOIA 20190531"

Created by:ryan_nordsven@fws.gov

Total Messages in label:255 (70 conversations)

Created: 06-12-2019 at 13:47 PM

Conversation Contents

Question

"Benjamin, Pete" <pete_benjamin@fws.gov>

From: "Benjamin, Pete" <pete_benjamin@fws.gov>
Sent: Wed Nov 01 2017 06:00:36 GMT-0600 (MDT)
To: "Morse, Michael" <michael_l_morse@fws.gov>, Ryan Nordsven <ryan_nordsven@fws.gov>, Joseph Madison <joseph_madison@fws.gov>
Subject: Question

Hey guys,

Prior to 2013, how often did we move wolves off private lands in response to complaints. I don't need the exact number, just generally speaking; 1 or so a year, a few in the history of the program, never? I just realized that I've never asked this question.

Pete Benjamin
Field Supervisor
Raleigh ES Field Office
U.S. Fish and Wildlife Service
551F Pylon Drive
Raleigh, NC 27606
Office: (919) 856-4520 x 11
Mobile: (919) 816-6408

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"Morse, Michael" <michael_l_morse@fws.gov>

From: "Morse, Michael" <michael_l_morse@fws.gov>
Sent: Wed Nov 01 2017 07:28:59 GMT-0600 (MDT)
To: "Benjamin, Pete" <pete_benjamin@fws.gov>
Ryan Nordsven <ryan_nordsven@fws.gov>, Joseph Madison <joseph_madison@fws.gov>, Shaun Olson <shaun_olson@fws.gov>
CC:
Subject: Re: Question

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100 Conservation Way, PO Box 1969
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Work: (252) 473-1131, ext. 242
Cell#: **(252) 475-8350**

"Nordsven, Ryan" <ryan_nordsven@fws.gov>

From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Sent: Wed Nov 01 2017 08:18:02 GMT-0600 (MDT)
To: "Morse, Michael" <michael_l_morse@fws.gov>
"Benjamin, Pete" <pete_benjamin@fws.gov>, Joseph Madison
CC: <joseph_madison@fws.gov>, Shaun Olson
<shaun_olson@fws.gov>
Subject: Re: Question

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"Morse, Michael" <michael_l_morse@fws.gov>

From: "Morse, Michael" <michael_l_morse@fws.gov>
Sent: Wed Nov 01 2017 08:19:43 GMT-0600 (MDT)

To: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
"Benjamin, Pete" <pete_benjamin@fws.gov>, Joseph Madison
CC: <joseph_madison@fws.gov>, Shaun Olson
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Subject: Re: Question

Thanks Ryan.

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Sent: Wed Nov 01 2017 08:32:06 GMT-0600 (MDT)
To: "Morse, Michael" <michael_l_morse@fws.gov>
CC: "Nordsven, Ryan" <ryan_nordsven@fws.gov>, Joseph Madison <joseph_madison@fws.gov>, Shaun Olson <shaun_olson@fws.gov>
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"Nordsven, Ryan" <ryan_nordsven@fws.gov>

From: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
Sent: Wed Nov 01 2017 09:01:46 GMT-0600 (MDT)
To: "Benjamin, Pete" <pete_benjamin@fws.gov>
CC: "Morse, Michael" <michael_l_morse@fws.gov>, Joseph Madison <joseph_madison@fws.gov>, Shaun Olson <shaun_olson@fws.gov>
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Just to clarify, Pete, many of these wolves likely returned after they were moved. So if you were looking for the number of wolves successfully, permanently relocated the number would most likely be quite a bit lower.

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From: "Benjamin, Pete" <pete_benjamin@fws.gov>
Sent: Wed Nov 01 2017 14:50:59 GMT-0600 (MDT)
To: "Nordsven, Ryan" <ryan_nordsven@fws.gov>
"Morse, Michael" <michael_l_morse@fws.gov>, Joseph Madison
<joseph_madison@fws.gov>, Shaun Olson
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CC:
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That's what I figured.

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On Wed, Nov 1, 2017 at 11:01 AM, Nordsven, Ryan <ryan_nordsven@fws.gov> wrote:

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Weller, Emily <emily_weller@fws.gov>

Lauren's red wolf information

1 message

Toivonen, Lauren . (MU-Student) <lkt895@mail.missouri.edu>
To: "Weller, Emily" <emily_weller@fws.gov>

Fri, Jan 6, 2017 at 5:41 PM

Hi Emily!

Great meeting with you yesterday. Attached in two jpgs are visuals of my habitat mapping. HSI map contains the entire area while fed lands highlights federally managed landscape.

The powerpoint is the presentation I did at the 2016 Red Wolf SSP meeting. The original document is too large for email and after trying to figure out ways to make it smaller and failing, I decided to put together a smaller one for you. However, that still seems to be a larger file so I will work on that and send it to you in a separate email.

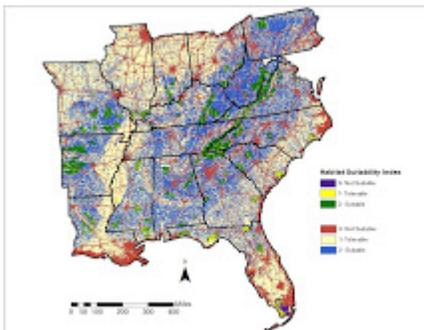
About the powerpoint: There are notes written in the white boxes under each slide but please do not hesitate to contact me if you have any questions. I will be happy to go over the entire presentation with you if you'd like as well. Additionally, the attachment called slide_13 is how slide 13 in your presentation should look. The formatting got a bit weird with some of these slides so I attempted to fix them, but this slide in particular was a challenge as each column is color coordinated to match with one another. The column on the left are my results and the column on the right are Van Manen's results from his 2000 study.

Please let me know if you have any additional questions or would like clarification! Also feel free to share this with the others.

Have a good weekend,

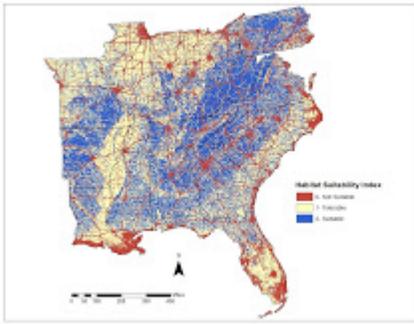
Lauren

3 attachments



HSIFedLands_LKT.jpg
739K

HSImap.jpg
685K



Federal Land	% Suitability	Region	Composite Index
Big South Fork NP*	92.9%	NW Alabama	1
Ozark/Quachita NP*	87.1%	E. West Virginia	0.926
Monongahela NP*	86.5%	SW Mississippi	0.905
Land Between the Lakes	82.3%	N Mississippi	0.875
Washington and Jefferson NP*	80.9	S Missouri	0.875
Allegheny NP*	80.6%	NW Arkansas	0.833
William B. Eakins NP	79.8%	Cherokee	0.833
Chattahoochee NP*	78.7%	N Pennsylvania	0.815
Wayne NP*	78.6%	SW Arkansas	0.795
Mark Twain NP*	78.5%	W Virginia	0.794
Cherokee NP*	76.1%	S Indiana	0.782
Hooper NF	74.2%	C Fl panhandle	0.778
GSMNP	76.1%	SW North Carolina	0.778
Shenandoah NP*	73.2%	S Illinois	0.767
Natchala and Pogah NP	66.2%	SW Kentucky-NW Tennessee	0.750

Slide_13.png
202K



Weller, Emily <emily_weller@fws.gov>

Re: Lauren's red wolf info

1 message

Toivonen, Lauren . (MU-Student) <lkt895@mail.missouri.edu>
To: "Weller, Emily" <emily_weller@fws.gov>

Fri, Jan 6, 2017 at 5:50 PM

Attached is the powerpoint.

From: Toivonen, Lauren . (MU-Student)
Sent: Friday, January 6, 2017 5:20:40 PM
To: Weller, Emily
Subject: Lauren's red wolf info

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HSI_Toivonen.pptx
5599K



Weller, Emily <emily_weller@fws.gov>

Fwd: New message from Contact Us form

1 message

Davis, Elsie <elsie_davis@fws.gov>

Thu, Jul 20, 2017 at 2:34 PM

To: "Weller, Emily" <emily_weller@fws.gov>, Pete Benjamin <pete_benjamin@fws.gov>, Kristen Peters <kristen_peters@fws.gov>, Jeffrey Fleming <jeffrey_m_fleming@fws.gov>

Hi:

Here is an e-mail from Brooke Ellzey at <bellzey21@gmail.com> suggesting sites where red wolves could be reintroduced.

Thank you.

Elsie

Elsie_Davis@fws.gov

404-679-7107

----- Forwarded message -----

From: **Contact2, FWHQ** <contact2@fws.gov>

Date: Thu, Jul 20, 2017 at 1:29 PM

Subject: Fwd: New message from Contact Us form

To: Elsie Davis <elsie_davis@fws.gov>

Thank you for contacting the U.S. Fish and Wildlife Service.

Regards,

Customer Service Center - Tier II

U.S. Fish and Wildlife Service

----- Forwarded message -----

From: <bellzey21@gmail.com>

Date: Thu, Jul 20, 2017 at 1:10 PM

Subject: New message from Contact Us form

To: contact2@fws.gov

Email submitted from Contact Us form received: 7/20/2017 11:10:05 MT

Message ID: C9C7504A-B348-5A72-D6F29FCF620FB91D

From: bellzey21@gmail.com

First Name: Brooke

Last Name: Ellzey

State: FL

Country: US

Hello fish and wildlife. I submitted a picture to the North Carolina's red wolf recovery program showing where red wolves should be reintroduced. My suggested sites are Louisiana, West Virginia, the Shenendoah National Park of Virginia, The Ozarks on the Arkansas/Missouri border, the Ocala and Apalachicola national forests in Florida, and that national park who's name I don't remember in South Carolina. And can you try the areas in and around the Smokies again? Based on my drawing of the areas containing suitable red wolf habitat in the southeast United States, these areas total can hold up to 1000 red wolves.



Weller, Emily <emily_weller@fws.gov>

Red Wolf Methods and Results

1 message

Toivonen, Lauren . (MU-Student) <lkt895@mail.missouri.edu>
To: "Weller, Emily" <emily_weller@fws.gov>

Fri, Aug 4, 2017 at 2:46 PM

Hi Emily,

Attached is a WordDoc that contains a writeup of what I did for my methods in regards to the red wolf HSA. I also included the HSA map and this lists of federal landscapes. Please don't hesitate to let me know if you would like any more information.

Have a good weekend!

- Lauren



Toivonen_RedWolf_Methods.docx
489K



Weller, Emily <emily_weller@fws.gov>

Literature used for my HSA

Toivonen, Lauren . (MU-Student) <lkt895@mail.missouri.edu>
To: "Weller, Emily" <emily_weller@fws.gov>

Thu, Oct 26, 2017 at 1:28 PM

Hi Emily,

Attached is a Word doc containing the citations for the different kinds of literature I reviewed to help develop my red wolf HSA.

Two citations have 'Email article' listed in them. The two articles attached are those articles. One is from, I believe, the 1970s and the other is an "unpublished" (but on the internet) student work.

I'm still working on the revisions for my second hypothesis HSA. The committee member who is helping me with this has apparently gone to China following my last meeting with him. We are scheduled to meet after Nov. 1st. If I get caught up this weekend, I will begin poking around on the HSA again next week.

Hope all is well!

- Lauren

3 attachments

-  **Analyzing a Prospective Red Wolf (*Canis rufus*) Reintroduction Site for Suitable Habitat.pdf**
1989K
-  **Distribution and relative density of the red wolf in TX.pdf**
1057K
-  **Toivonen_HSALit.docx**
15K



Weller, Emily <emily_weller@fws.gov>

Update on red wolf activities

1 message

Weller, Emily <emily_weller@fws.gov>

Wed, Nov 1, 2017 at 1:31 PM

To: Aaron Valenta <aaron_valenta@fws.gov>, Amy Brisendine <amy_brisendine@fws.gov>, Arthur Beyer <arthur_beyer@fws.gov>, Brett Hunter <Brett_hunter@fws.gov>, David Viker <David_viker@fws.gov>, Erin Rivenbark <erin_rivenbark@fws.gov>, George Colby <george_colby@fws.gov>, Howard Phillips <Howard_Phillips@fws.gov>, Jack Arnold <jack_arnold@fws.gov>, Jeffrey M Fleming <Jeffrey_M_Fleming@fws.gov>, Joseph Madison <joseph_madison@fws.gov>, Kristen Peters <Kristen_Peters@fws.gov>, Leopoldo Miranda <leopoldo_miranda@fws.gov>, Michael Morse <michael_l_morse@fws.gov>, Michelle Eversen <michelle_eversen@fws.gov>, Pete Benjamin <pete_benjamin@fws.gov>, Philip Kloer <Philip_Kloer@fws.gov>, Rebecca Harrison <rebecca_harrison@fws.gov>, Rebekah Martin <rebekah_p_martin@fws.gov>, Ryan Nordsven <ryan_nordsven@fws.gov>, Scott Lanier <scott_lanier@fws.gov>, Shaun Olson <shaun_olson@fws.gov>, Frederick Williams <frederick_williams@fws.gov>, Janet Mizzi <janet_mizzi@fws.gov>, Edwin Muniz <edwin_muniz@fws.gov>

Hello all! It has been *quite* a while since my last monthly update - May to be exact. In that time, teams have been working to complete the SSA, 5-year review, and revised 10(j) rule for the red wolf. Now that we have reached our due date for the SSA and 5-year review, I'd like to let you know where we are.

We have a draft SSA and 5-year review completed! These docs have not been finalized - we are waiting on final review before they are posted. As I'm sure the Refuge/Manteo Office will receive calls and questions, we will ensure that the outreach plan includes you all so that you are prepared when the docs are posted.

The due date for the revised 10(j) rule is the end of the calendar month. The 10(j) team has continued to work on the draft EA and are working towards a revised rule. I will provide updates as we approach the due date for this document.

I want to thank everyone who has/is/will be working on these documents. A special thanks goes to Erin, our SSA guru, for all her hard work. A **HUGE** thank you to all of you who helped - Erin and I could not have completed the SSA and 5-year review without your expertise and your valuable time. A huge thank you goes out to the 10(j) team for their continued work on completing the draft EA and proposed revised rule.

I will keep you all informed as we move towards our remaining deadlines and continue to take next steps. Please contact me any time if you have any questions.

thanks,
Em

Emily Bizwell Weller
Red Wolf Regional Recovery Lead
Division of Restoration and Recovery
Fish and Wildlife Service
646 Cajundome Blvd., Suite 400
Lafayette, LA 70506
337-291-3090
337-291-3139 (Fax)
emily_weller@fws.gov

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Weller, Emily <emily_weller@fws.gov>

RE: [EXTERNAL] RE: Follow-up from our call

1 message

Collette Adkins <cadkins@biologicaldiversity.org>
To: "Weller, Emily" <emily_weller@fws.gov>

Wed, Oct 30, 2019 at 8:48 AM

Good, thank you!

From: Weller, Emily <emily_weller@fws.gov>
Sent: Wednesday, October 30, 2019 7:47 AM
To: Collette Adkins <cadkins@biologicaldiversity.org>
Cc: Catherine Phillips <catherine_phillips@fws.gov>; Aaron Valenta <aaron_valenta@fws.gov>; Madison, Joseph <joseph_madison@fws.gov>; Pete Benjamin <pete_benjamin@fws.gov>
Subject: Re: [EXTERNAL] RE: Follow-up from our call

Thank you, Collette. We will definitely take a look at this and consider it along with other available studies and information.

Emily

----- Forwarded message -----

From: Collette Adkins <cadkins@biologicaldiversity.org>
Date: Tue, Oct 29, 2019 at 11:33 AM
Subject: [EXTERNAL] RE: Follow-up from our call
To: Weller, Emily <emily_weller@fws.gov>
Cc: Catherine Phillips <catherine_phillips@fws.gov>, Aaron Valenta <aaron_valenta@fws.gov>, Madison, Joseph <joseph_madison@fws.gov>, Pete Benjamin <pete_benjamin@fws.gov>

Hi Emily – The Center released a report today summarizing the science on red wolf reintroduction sites. I am hopeful that it will help inform your efforts to identify sites: https://www.biologicaldiversity.org/species/mammals/red_wolf/pdfs/red-wolves-report-2019.pdf . I will be sending you a USB drive with the report and underlying science.

Thank you,

Collette

Collette Adkins

Carnivore Conservation Director, Senior Attorney

Center for Biological Diversity

651-955-3821

cadkins@biologicaldiversity.org

From: Weller, Emily <emily_weller@fws.gov>

Sent: Thursday, August 15, 2019 9:40 AM

To: Ben Prater <bprater@defenders.org>; Jason Rylander <JRYLANDER@defenders.org>; Collette Adkins <cadkins@biologicaldiversity.org>; Lasher, Chris <chris.lasher@nczoo.org>; Regina Mossotti <rmossotti@endangeredwolfcenter.org>

Cc: Catherine Phillips <catherine_phillips@fws.gov>; Aaron Valenta <aaron_valenta@fws.gov>; Madison, Joseph <joseph_madison@fws.gov>; Pete Benjamin <pete_benjamin@fws.gov>

Subject: Follow-up from our call

Good morning. Per our call last week, I am following-up on our efforts to develop a framework for better communication among partners in red wolf recovery efforts. I have spoken with a member of the Longleaf Pine Partnership Council to assess whether it may be a good example for us to follow. I have drafted a proposed plan and am working with the SSP (Chris and Regina), as well as Service management on how to proceed. I anticipate it taking several weeks to iron out details and finalize the plan.

If you have any questions, please do not hesitate to call or email me.

Thank you,

Emily

--

Emily Bizwell Weller
Captive Propagation and Release Coordinator
Red Wolf Recovery Lead

Fish and Wildlife Service
[200 Dulles Drive](#)
Lafayette, LA 70506
337-291-3090
337-291-3139 (Fax)
emily_weller@fws.gov

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--

Emily Bizwell Weller

Fish and Wildlife Service
South Atlantic-Gulf Region & Mississippi-Basin Region
Captive Propagation and Release Coordinator
Red Wolf Recovery Lead
[200 Dulles Drive](#)
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Captive Propagation and Release Coordinator
Red Wolf Recovery Lead



Weller, Emily <emily_weller@fws.gov>

Re: Proposal submission February 3rd! Structured Decision Making Workshop May 22-26, 2017

1 message

Weller, Emily <emily_weller@fws.gov>
To: "Coghlan, Christy" <christy_coghlan@fws.gov>

Mon, Feb 6, 2017 at 9:59 AM

My apologies... here it is

On Mon, Feb 6, 2017 at 8:27 AM, Coghlan, Christy <christy_coghlan@fws.gov> wrote:

Emily,
Good morning! I didn't see an attachment. Can you resend??

Thanks!
Christy

On Fri, Feb 3, 2017 at 3:51 PM, Weller, Emily <emily_weller@fws.gov> wrote:

Christy,

Please see the attached proposal involving red wolf. If you have any questions, please contact either me or my supervisor, Aaron Valenta.

Thanks,
Emily

----- Forwarded message -----

From: **Romito, Angela** <angela_romito@fws.gov>
Date: Tue, Jan 31, 2017 at 2:35 PM
Subject: Fwd: Proposal submission February 3rd! Structured Decision Making Workshop May 22-26, 2017
To: FW4 RO ES <fw4_ro_es@fws.gov>, FW4 Project Leaders-ES <fw4_project_leaders-es@fws.gov>

Hello ES!

Got a sticky problem? I've got a way to solve it. Submit a proposal to NCTC (see forwarded RFP below). Here are some reasons to do so:

- A) 36 hours of free decision-coaching. Teams generally get assigned 2-3 coaches. Think about what the same amount of time and expertise from our partners or an outside consultant would cost...
- B) It's a low cost, high return approach gaining process buy-in getting to an optimal solution.
- C) Have you recently organized a collaborative meeting? It takes precious time and resources. Get your proposal accepted, and NCTC does all of that project management for you.
- D) Get yourself and your team members in situ, hands-on training while also working towards a common goal. These workshops are great opportunities for both learning and team-building!

If you have questions about the process, need help drafting your proposal, or are not sure if your problem is right fit, please feel free to give me a call to discuss. I'm happy to help!

Best,
Angela

Angela Romito, PhD
Biologist & Decision Analyst

Ecological Services, US Fish and Wildlife Service
1875 Century Blvd. Ste. 200
Atlanta, GA 30345
Email: angela_romito@fws.gov
Cell: 706-338-7170
Phone: 404-679-7101
Fax: 706-613-6059

[Check out the SSA!](#)

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----- Forwarded message -----

From: **Christy Coghlan** <christy_coghlan@fws.gov>

Date: Tue, Jan 31, 2017 at 7:39 AM

Subject: Proposal submission extended until February 3rd! Structured Decision Making Workshop May 22-26, 2017

To: [sdmcp@lists.fws.gov](mailto:sdmcop@lists.fws.gov)

We have extended our proposal deadline to **February 3rd, 2017!** Don't delay in sending your proposals to christy_coghlan@fws.gov for this wonderful opportunity! See below for details.

We are currently inviting proposals for our next Structured Decision Making workshop this May 22-26, 2017 at the National Conservation Training Center.

Proposals should be from teams working on real-life FWS decision problems. Teams are expected to attend a week-long workshop to develop a structured approach to solving their problem. We are looking for decision problems that are tractable within the timeframe for workshop planning and practice, and appropriate to support learning about structured decision making (e.g., not so high in significance or time-pressured that participants won't be able to feel comfortable 'learning by doing'). Case studies should either be small to moderate in scope, or a discrete and clearly-defined piece of a larger, more complex decision problem. We give priority to teams with enthusiastic leadership, support from decision makers, and at least some previous exposure to structured decision making.

Case study proposals should be succinct (one page is sufficient) and emphasize the overall framework for the decision, not the details. Please include the following information about the case study:

1. Decision

In *one short paragraph*, describe the decision in question. Include the context (who is the decision maker, under what authority do they act, who else has influence on the decision), the nature of the decision, and the timing and frequency of the decision (e.g, one time only, a cyclical decision, etc.). (Note that by decision we mean an actual choice or commitment of resources, not just a general strategy or prioritization.)

2. Background

Very briefly describe the legal, regulatory, and political context and constraints; also *very briefly* describe the relevant ecological background.

3. Decision Structure

Briefly describe the array of possible management actions, the objectives of management (not the objectives for this workshop), the consequences to be measured (e.g., biological and social outcomes), and key uncertainties.

4. Team Leadership

Who will serve as coordinator(s) to organize and help prepare the team and work with the coaches during the workshop? What is their training or experience with structured decision making?

5. Workshop Participation

What skills, experience, and roles relative to the decision-making will be important contributions to the team attending the workshop to rapid prototype a decision-making approach? (Note, we request that you wait to select actual team members until you have discussed the workshop approach with your assigned coach; team size will be limited).

If you would like to know more about our SDM Workshop, please refer to the following pages for:

Previous Reports: <http://nctc.fws.gov/courses/ALC/ALC3159/reports/index.html>

Short stories on SDM and participant experiences - SDM Workshop Interview Videos: <http://nctc.fws.gov/courses/ALC/ALC3159/interviews/index.html>

If you have any questions about filling out the template please contact Christy Coghlan at 304-876-7438 /christy_coghlan@fws.gov

Christy Combs Coghlan

Course Leader, Wildlife Biologist

Applied Landscape Conservation and Policy

U.S. Fish and Wildlife Service, National Conservation Training Center

698 Conservation Way, Shepherdstown, WV 25443

t 304.876.7438 / f 304.876.7234 /christy_coghlan@fws.gov

Web: <http://training.fws.gov/>



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Emily Bizwell Weller
Red Wolf Regional Recovery Lead
Division of Restoration and Recovery
Fish and Wildlife Service
646 Cajundome Blvd., Suite 400
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337-291-3090
337-291-3139 (Fax)
emily_weller@fws.gov

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--

Christy Combs Coghlan
Course Leader, Wildlife Biologist
Applied Landscape Conservation and Policy
U.S. Fish and Wildlife Service | National Conservation Training Center
698 Conservation Way | Shepherdstown | WV 25443
t 304.876.7438 | f 304.876.7234 | christy_coghlan@fws.gov
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20170203_Application_SDM_Red Wolf.docx

18K



Weller, Emily <emily_weller@fws.gov>

Attention: NCTC May SDM Workshop has been cancelled!

1 message

Christy Coghlan <christy_coghlan@fws.gov>

Thu, Mar 23, 2017 at 2:11 PM

To: emily_weller@fws.gov

Cc: aaron_valenta@fws.gov, erin_rivenbark@fws.gov

Good afternoon. It is with deepest regret that I am informing you that our SDM workshop at NCTC in May has been cancelled. We are cancelling the workshop due lack of availability of head coaches for our teams.

My apologies for not making this happen, both Angela and I worked hard to find coaches for the teams.

Angela would like you to know that she plans on following up with you on Monday when she returns from annual leave. I suspect that she would like to discuss a path forward with regards to obtaining the coaching help that you need.

Thank you again for your time and effort during the application process.

If you have any questions, please let me know.

Christy Combs Coghlan

Course Leader, Wildlife Biologist

Applied Landscape Conservation and Policy

U.S. Fish and Wildlife Service, National Conservation Training Center

698 Conservation Way, Shepherdstown, WV 25443

t 304.876.7438 / f 304.876.7234 / christy_coghlan@fws.govWeb: <http://training.fws.gov/> Please consider the environment before printing this email



Weller, Emily <emily_weller@fws.gov>

Fwd: 2000 paper on red wolf

1 message

Crawford, Barron <barron_crawford@fws.gov>
To: Emily Weller <emily_weller@fws.gov>

Wed, Mar 15, 2017 at 2:42 PM

Hey Emily,

I got Franks email and maybe I can answer some of your questions. This projected started 20 years ago when the project in the Southern Appalachians was not going well and we were contemplating the future of this restoration site.

I believe I identified all federal lands (obviously focused on DOI lands, US Forest Service and DOD lands) that were greater than 100,000 or 150,000 acres in size within the historic range of the red wolf. Data was collected on a county level (road densities, human densities, prey densities, livestock densities, etc) for the models. Coyote densities for several areas were estimated from State Wildlife experts, University researchers and agency biologists.

If you want to put wolves in the wild at Land Between the Lakes just let me know. I will be happy to do all the fun work if someone is willing to deal with the controversy. On a side note I did not include Ft Campbell with Land Between the Lakes in the analysis and we should have given the close proximity of these lands plus the three refuges in the area.

If you have any other questions feel free to give me a call. My office number is 731-642-2091 ext 307. I wish you the best of luck with your new duties. From what I have heard from my former counterparts the future of the recovery program is not looking good.

Barron Crawford
Project Leader Tennessee NWR Complex
1371 Wildlife Dr
Springville, TN 38256
731-642-2091 ext 307

----- Forwarded message -----

From: **van Manen, Frank** <fvanmanen@usgs.gov>
Date: Mon, Mar 13, 2017 at 6:00 PM
Subject: Re: 2000 paper on red wolf
To: "Weller, Emily" <emily_weller@fws.gov>
Cc: barron_crawford@fws.gov

Hi Emily,

I apologize for my late reply; I was in Malaysia for a project and it's taken me a while to catch up on emails. Unfortunately, I do not recall exactly how we developed the original list of 31 areas, other than that they were areas with large tracts of federal or state lands and with potentially favorable habitat conditions for red wolves. The idea was to be broadly inclusive rather than failing to identify potential areas for reintroduction.

It's possible that Barron Crawford might recall further details on the selection of the initial 31 regions. I have copied him on this email.

Best regards,

Frank

Frank T. van Manen, Ph.D. - Interagency Grizzly Bear Study Team, U.S. Geological Survey, Phone 406-994-5043
www.usgs.gov/norock/igbst

On Fri, Feb 24, 2017 at 1:50 PM, Weller, Emily <emily_weller@fws.gov> wrote:

Hello, Mr. van Manen. My name is Emily Weller and I am FWS's Region 4 Red Wolf Recovery Lead. Per a Memo we released in September 2016, we are working to identify potential new reintroduction sites for red wolves. In doing research to get started, I found your 2000 paper in which you evaluated proximate release success for 31 sites. Unfortunately, many of our older files have been shipped to another office and I cannot readily go through them. Do you know how these 31 sites were first identified? Were you provided a map?

Any help/insight you can give would be much appreciated.

Thank you,
Emily

--

Emily Bizwell Weller
Red Wolf Regional Recovery Lead
Division of Restoration and Recovery
Fish and Wildlife Service
646 Cajundome Blvd., Suite 400
Lafayette, LA 70506
337-291-3090
337-291-3139 (Fax)
emily_weller@fws.gov

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--

Barron Crawford
Refuge Manager
Tennessee NWR Complex
1371 Wildlife Drive
Springville, TN 38256
731-642-2091 ext 307
cell 731-571-2838



Weller, Emily <emily_weller@fws.gov>

PROPOSAL ACCEPTED: May 2017 SDM Workshop

1 message

Christy Coghlan <christy_coghlan@fws.gov>
To: Emily Weller <emily_weller@fws.gov>

Thu, Mar 16, 2017 at 12:32 PM

Congratulations! Your proposal has been accepted for the May 2017 Structured Decision Making Workshop at the National Conservation Training Center, in Shepherdstown, West Virginia.

As a reminder, we are still looking for coaches for our teams so please hold this date on your calendar but **DO NOT** make any travel plans at this time. We would like to get all of our coaches secured by the end of next week.

Thanks so much for your interest and I look forward to seeing you in the workshop!

Christy Combs Coghlan

Course Leader, Wildlife Biologist

Applied Landscape Conservation and Policy

U.S. Fish and Wildlife Service, National Conservation Training Center

698 Conservation Way, Shepherdstown, WV 25443

t 304.876.7438 / f 304.876.7234 /christy_coghlan@fws.gov

Web: <http://training.fws.gov/>

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Weller, Emily <emily_weller@fws.gov>

Re: Red Wolf New Sites SDM

1 message

Leopoldo Miranda <leopoldo_miranda@fws.gov>

Thu, Apr 13, 2017 at 10:12 AM

To: "Weller, Emily" <emily_weller@fws.gov>

Cc: Aaron Valenta <aaron_valenta@fws.gov>

So I'm clear and don't screw the "ask" up... we have two SDM needs. One is this one on "potential new sites" and the other on the species question, right? What is what we were planning for the week of May 22? Is that happening?

Leopoldo Miranda
US Fish and Wildlife Service
Assistant Regional Director - ES
Southeast US, Puerto Rico &
US Virgin Islands

Sent from my iPhone

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On Apr 13, 2017, at 11:02 AM, Weller, Emily <emily_weller@fws.gov> wrote:

Ohhhh....Maybe we could start having phone calls late May and get together in June.

On Thu, Apr 13, 2017 at 9:57 AM, Leopoldo Miranda <leopoldo_miranda@fws.gov> wrote:

Timeframe? May, June or July?
His wife is expecting a baby any day now....

Leopoldo Miranda
US Fish and Wildlife Service
Assistant Regional Director - ES
Southeast US, Puerto Rico &
US Virgin Islands

Sent from my iPhone

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On Apr 13, 2017, at 10:54 AM, Weller, Emily <emily_weller@fws.gov> wrote:

No dates or location yet. We'll need a few phone calls to get details on the SDM process for this project set up, then I would work with him (and others on the team) on dates and location.

What we need from him is his SDM expertise to help us narrow down the focus, goals, approach, who should be involved, etc. and be the facilitator.

On Thu, Apr 13, 2017 at 9:48 AM, Leopoldo Miranda <leopoldo_miranda@fws.gov> wrote:
Give me the details on dates, location etc.

Leopoldo Miranda
US Fish and Wildlife Service
Assistant Regional Director - ES
Southeast US, Puerto Rico &
US Virgin Islands

Sent from my iPhone

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On Apr 13, 2017, at 10:46 AM, Weller, Emily <emily_weller@fws.gov> wrote:

Hi Leo. I talked with Aaron about setting up SDM for the new sites team. Our first preference would be to have Sean Blomquist help us out.

Would you help us get that set up/cleared with Catherine?

Thank you,
Em

--

Emily Bizwell Weller
Red Wolf Regional Recovery Lead
Division of Restoration and Recovery
Fish and Wildlife Service
646 Cajundome Blvd., Suite 400
Lafayette, LA 70506
337-291-3090
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Emily Bizwell Weller
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Weller, Emily <emily_weller@fws.gov>

Re: Red Wolf Paper

1 message

Justin Dellinger <jad1nel2@gmail.com>

Tue, Jan 3, 2017 at 2:51 PM

To: "Weller, Emily" <emily_weller@fws.gov>

Cc: "Joseph W. Hinton" <jhinton22@gmail.com>

Hey Emily,

I also wanted to virtually introduce you to Joey Hinton (cc'ed here). Joey's a good friend and probably the defacto expert on red wolves having done is MS and PHD on them. He's also recently published quite a lot on red wolves with a lot of papers in the works too. Anyway, I'd recommend picking Joey's brain on red wolf related issues too.

Justin

On Tue, Jan 3, 2017 at 12:28 PM, Weller, Emily <emily_weller@fws.gov> wrote:

Thank you, Justin!

On Tue, Jan 3, 2017 at 9:52 AM, Justin Dellinger <jad1nel2@gmail.com> wrote:

Hey Emily,

Here's the seasonal habitat use paper. In my mind it's not a stretch to submit for publication (with a little massaging here and there) if the service thinks it would be of benefit.

Justin

On Thu, Dec 22, 2016 at 8:59 AM, Weller, Emily <emily_weller@fws.gov> wrote:

Here is the call-in number we'll use.

[877/927-9560](tel:8779279560)

Passcode 5231438#

On Thu, Dec 22, 2016 at 10:30 AM, Justin Dellinger <jad1nel2@gmail.com> wrote:

Hey Emily,

Sure thing about the third. I can chat at 7am my time (Pacific time). If that doesn't work no worries, we'll figure it out.

Justin

On Thu, Dec 22, 2016 at 4:44 AM, Weller, Emily <emily_weller@fws.gov> wrote:

Thank you, Justin, for agreeing to meet with us. We're all excited about your work. Unfortunately, the 2nd is a federal holiday (New Years observed). Would it be possible to meet the 3rd? Our schedules are pretty wide open, we could meet at a time that best works for you.

Emily

On Wed, Dec 21, 2016 at 3:59 PM, Justin Dellinger <jad1nel2@gmail.com> wrote:

Hey Emily,

Thanks for reaching out. I'd be happy to chat with everyone about the work. I could probably do something January 2nd. Right now I'm scheduled to head out in the field when weather conditions become favorable so it's hard to predict exactly when I'll be available but I think right now I can make the 2nd work. After the 2nd I'm probably not available until the later half of January. With that feel free to discuss amongst yourselves availability and provide a date/time. Given my schedule is up in the air we stand a better chance of talking sooner, rather than later, if y'all coordinate a date/time first and then I can shoe-horn my schedule accordingly!

Justin

On Wed, Dec 21, 2016 at 9:44 AM, Weller, Emily <emily_weller@fws.gov> wrote:
Mr. Dellinger,

My name is Emily Weller. I am the Service's new Red Wolf Regional Recovery Lead. As you are probably aware, we released a recommendation memo in September outlining certain actions we will take to set the path for the red wolf recovery program. One of those actions is to identify potential reintroduction sites. We believe your work will give us a solid foundation for this action.

I'd like to set up a meeting (Conference Call) with you, my supervisor, our GIS guru, and Pete Benjamin to discuss your work. Would you be willing to meet with us? If so, could you send me your availability for after the first of the year? I'll set a date and time.

Thank you, I look forward to speaking with you. Happy Holidays!

Emily

--

Emily Bizwell Weller
Red Wolf Regional Recovery Lead
Division of Restoration and Recovery
Fish and Wildlife Service
646 Cajundome Blvd., Suite 400
Lafayette, LA 70506
[337-291-3090](tel:337-291-3090)
[337-291-3139](tel:337-291-3139) (Fax)
emily_weller@fws.gov

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Weller, Emily <emily_weller@fws.gov>

Re: Red Wolf Paper

1 message

Justin Dellinger <jad1nel2@gmail.com>
To: "Weller, Emily" <emily_weller@fws.gov>

Tue, Jan 3, 2017 at 9:52 AM

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5 attachments

Fig1.tif

100K

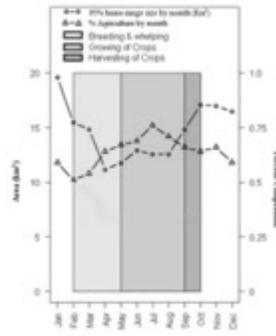
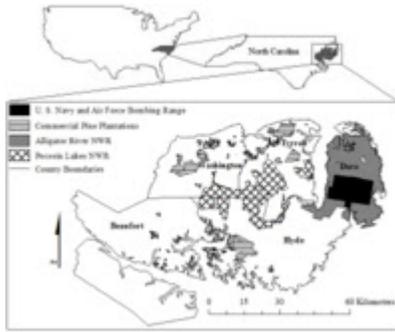


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733K

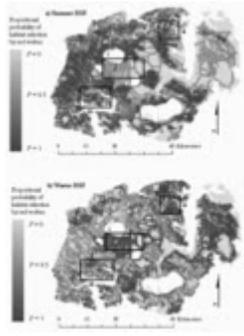


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625K

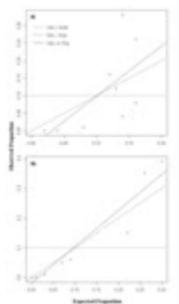


Fig4.tif
54K

 **Seasonal Home Range Final.docx**
70K



Weller, Emily <emily_weller@fws.gov>

Re: SEAFWA perspective on RW SDM

1 message

Valenta, Aaron <aaron_valenta@fws.gov>
To: "Harris, Michael" <michael_harris@fws.gov>
Cc: "Weller, Emily" <emily_weller@fws.gov>

Thu, Mar 16, 2017 at 7:01 AM

thanks for considering it Mike. Please don't do anything just yet though till Leo gives us the okay.

Thanks,

Aaron Valenta
Chief, Division of Restoration and Recovery
U.S. Fish and Wildlife Service
1875 Century Boulevard
Atlanta, Georgia 30345
404/679-4144

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On Wed, Mar 15, 2017 at 10:43 PM, Harris, Michael <michael_harris@fws.gov> wrote:

Hi Aaron.

I would be willing but I would want to discuss this at the Wildlife Diversity Committee meeting in April and get some input from the State folks there.

Mike Harris
At-Risk Species Coordinator
U.S. Fish and Wildlife Service
Region 4
1875 Century Boulevard, Suite 200
Atlanta, GA 30345
404-679-7066 (office)
404-679-7081 (FAX)
706-340-1545 (cell)

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On Wed, Mar 15, 2017 at 2:41 PM, Valenta, Aaron <aaron_valenta@fws.gov> wrote:

Hi Mike,

As you know, Emily is leading efforts related to identifying additional potential future release geographies. We are planning on holding an SDM workshop at NCTC the week of May 22nd. We met this morning with Erin and Angela to strategize some. Both of them had concerns about lack of state and Fed representation at the workshop.

What would you think of you attending the workshop and providing the state perspective? Maybe we could even reach out to SEAFWA and ask if they were okay with it; knowing the breadth/depth of your experience? I don't think we need a state representative per se, but we do need to incorporate state a state persepective and have someone that can look at the process from that perspective.

Thanks,

Aaron Valenta
Chief, Division of Restoration and Recovery
U.S. Fish and Wildlife Service
1875 Century Boulevard
Atlanta, Georgia 30345
404/679-4144

11/19/2018

DEPARTMENT OF THE INTERIOR Mail - Re: SEAFWA perspective on RW SDM

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Weller, Emily <emily_weller@fws.gov>

Re: Proposal submission February 3rd! Structured Decision Making Workshop May 22-26, 2017

1 message

Valenta, Aaron <aaron_valenta@fws.gov>
To: "Weller, Emily" <emily_weller@fws.gov>

Fri, Feb 3, 2017 at 2:10 PM

Hi Em,

Just a few edits for you. I think you did a good job framing it. Thanks. I think go ahead and submit it. If for some reason Leo wants to go a different way with it we could always modify the problem statement.

Thanks,**Aaron Valenta**

Chief, Division of Restoration and Recovery
U.S. Fish and Wildlife Service
1875 Century Boulevard
Atlanta, Georgia 30345
404/679-4144

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On Fri, Feb 3, 2017 at 2:35 PM, Weller, Emily <emily_weller@fws.gov> wrote:

I would have like to have more time, but here's my shot at it. I added in management of populations introduced to new sites...we could limit it to just sites if needed. I thought that might actually be a better question for SDM (can weigh effort again results (e.g., % genetic diversity).

----- Forwarded message -----

From: **Romito, Angela** <angela_romito@fws.gov>

Date: Tue, Jan 31, 2017 at 2:35 PM

Subject: Fwd: Proposal submission February 3rd! Structured Decision Making Workshop May 22-26, 2017

To: FW4 RO ES <fw4_ro_es@fws.gov>, FW4 Project Leaders-ES <fw4_project_leaders-es@fws.gov>

Hello ES!

Got a sticky problem? I've got a way to solve it. Submit a proposal to NCTC (see forwarded RFP below). Here are some reasons to do so:

- A) 36 hours of free decision-coaching. Teams generally get assigned 2-3 coaches. Think about what the same amount of time and expertise from our partners or an outside consultant would cost...
- B) It's a low cost, high return approach gaining process buy-in getting to an optimal solution.
- C) Have you recently organized a collaborative meeting? It takes precious time and resources. Get your proposal accepted, and NCTC does all of that project management for you.
- D) Get yourself and your team members in situ, hands-on training while also working towards a common goal. These workshops are great opportunities for both learning and team-building!

If you have questions about the process, need help drafting your proposal, or are not sure if your problem is right fit, please feel free to give me a call to discuss. I'm happy to help!

Best,
Angela

Angela Romito, PhD
Biologist & Decision Analyst
Ecological Services, US Fish and Wildlife Service
1875 Century Blvd. Ste. 200
Atlanta, GA 30345
Email: angela_romito@fws.gov
Cell: 706-338-7170
Phone: 404-679-7101
Fax: 706-613-6059

[Check out the SSA!](#)

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----- Forwarded message -----

From: **Christy Coghlan** <christy_coghlan@fws.gov>

Date: Tue, Jan 31, 2017 at 7:39 AM

Subject: Proposal submission extended until February 3rd! Structured Decision Making Workshop May 22-26, 2017

To: [sdmcp@lists.fws.gov](mailto:sdmcop@lists.fws.gov)

We have extended our proposal deadline to **February 3rd, 2017!** Don't delay in sending your proposals to christy_coghlan@fws.gov for this wonderful opportunity! See below for details.

We are currently inviting proposals for our next Structured Decision Making workshop this May 22-26, 2017 at the National Conservation Training Center.

Proposals should be from teams working on real-life FWS decision problems. Teams are expected to attend a week-long workshop to develop a structured approach to solving their problem. We are looking for decision problems that are tractable within the timeframe for workshop planning and practice, and appropriate to support learning about structured decision making (e.g., not so high in significance or time-pressured that participants won't be able to feel comfortable 'learning by doing'). Case studies should either be small to moderate in scope, or a discrete and clearly-defined piece of a larger, more complex decision problem. We give priority to teams with enthusiastic leadership, support from decision makers, and at least some previous exposure to structured decision making.

Case study proposals should be succinct (one page is sufficient) and emphasize the overall framework for the decision, not the details. Please include the following information about the case study:

1. Decision

In *one short paragraph*, describe the decision in question. Include the context (who is the decision maker, under what authority do they act, who else has influence on the decision), the nature of the decision, and the timing and frequency of the decision (e.g, one time only, a cyclical decision, etc.). (Note that by decision we mean an actual choice or commitment of resources, not just a general strategy or prioritization.)

2. Background

Very briefly describe the legal, regulatory, and political context and constraints; also *very briefly* describe the relevant ecological background.

3. Decision Structure

Briefly describe the array of possible management actions, the objectives of management (not the objectives for this workshop), the consequences to be measured (e.g., biological and social outcomes), and key uncertainties.

4. Team Leadership

Who will serve as coordinator(s) to organize and help prepare the team and work with the coaches during the workshop? What is their training or experience with structured decision making?

5. Workshop Participation

What skills, experience, and roles relative to the decision-making will be important contributions to the team attending the workshop to rapid prototype a decision-making approach? (Note, we request that you wait to select actual team members until you have discussed the workshop approach with your assigned coach; team size will be limited).

If you would like to know more about our SDM Workshop, please refer to the following pages for:

Previous Reports: <http://nctc.fws.gov/courses/ALC/ALC3159/reports/index.html>

Short stories on SDM and participant experiences - SDM Workshop Interview Videos: <http://nctc.fws.gov/courses/ALC/ALC3159/interviews/index.html>

If you have any questions about filling out the template please contact Christy Coghlan at 304-876-7438 /christy_coghlan@fws.gov

Christy Combs Coghlan

Course Leader, Wildlife Biologist

Applied Landscape Conservation and Policy

U.S. Fish and Wildlife Service, National Conservation Training Center

698 Conservation Way, Shepherdstown, WV 25443

t 304.876.7438 / f 304.876.7234 /christy_coghlan@fws.gov

Web: <http://training.fws.gov/>

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Emily Bizwell Weller
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