

PMHarrisCOL PEmails

From: Nancy Kuntzleman
Sent: Wednesday, January 21, 2009 6:41 AM
To: vannstancil@gmail.com
Cc: HarrisCOL Resource; Donald Palmrose; ann.miracle@pnl.gov
Subject: Cape Fear Shiner Report

Good Morning, Vann!

Thank you for the update! We are looking forward to receiving the report when it becomes available.

Best regards,
Nancy Kuntzleman
aquatic biologist

US NRC
NRO/DSER/RENV
301-415-2313

From: Miracle, Ann L [mailto:ann.miracle@pnl.gov]
Sent: Tuesday, January 20, 2009 5:25 PM
To: Vann Stancil
Cc: Nancy Kuntzleman
Subject: RE: Cape Fear Mussels

Thanks for letting us know!

Ann Miracle, Ph.D.

Senior Research Scientist II
Environmental Characterization & Risk Assessment

Pacific Northwest National Laboratory
902 Battelle Boulevard
P.O. Box 999, MSIN K3-61
Richland, WA 99352 USA
Tel: 509-372-4327
Fax: 509-375-6936
Ann.Miracle@pnl.gov
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From: Vann Stancil [mailto:vannstancil@gmail.com]
Sent: Tuesday, January 20, 2009 12:31 PM
To: Miracle, Ann L
Cc: 'Nancy Kuntzleman'
Subject: RE: Cape Fear Mussels

Regarding the Cape Fear shiner report, the consultant that is working on it says it will be done "soon". So it's not ready yet and I don't know how soon it will be ready, but will pass it along to you when I can.

Vann F. Stancil
NCWRC - Division of Inland Fisheries

Habitat Conservation Program
919.284.5218
vannstancil@gmail.com

-----Original Message-----

From: Miracle, Ann L [mailto:ann.miracle@pnl.gov]
Sent: Tuesday, January 13, 2009 2:41 PM
To: Vann Stancil
Cc: Brena K. Jones; Nancy Kuntzleman
Subject: RE: Cape Fear Mussels

Hi Vann,

Thanks very much, and thanks to Brena too!

Ann Miracle, Ph.D.

Senior Research Scientist II
Environmental Characterization & Risk Assessment
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902 Battelle Boulevard
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From: Vann Stancil [mailto:vannstancil@gmail.com]
Sent: Tuesday, January 13, 2009 11:35 AM
To: Miracle, Ann L
Cc: 'Brena K. Jones'
Subject: FW: Cape Fear Mussels

Ann,

At the end of this email is a table that Brena Jones put together before your email. I think it addresses some of your concerns. Take a look at it and let me know if you have other needs. I've asked her to address your questions but I will go ahead and answer them as best I can.

1 – Habitat sampled at Buckhorn Dam included the area on the north/east side of the river immediately below the dam and along the edge of the islands and north/east bank downstream to ~ 200 m below the dam. Most of the river in this section is < 3 feet deep at low flows.

2- Table 2 addresses CPUE

3 – There is still sampling to be conducted so there is no report at this time.

Thanks and just let me know if I can help further.

Vann

Hi Vann,

I have had a chance to go through the information you supplied from Brena Jones regarding the mussel sampling in the Cape Fear River. If possible, I need a few more details from this sampling effort.

1. What habitat was sampled in the Buckhorn Dam transect? Was it along the shoreline or out into the river? How long were the transects sampled?
2. What was the total abundance for the 6 species found in this river reach? The catch per unit effort?
3. Has the study been written into a report that I can cite?

Thanks, and best wishes for a Happy New Year!

Ann Miracle, Ph.D.

Senior Research Scientist II

Environmental Characterization & Risk Assessment

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Vann F. Stancil
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-----Original Message-----

From: Brena K. Jones [mailto:brena.jones@ncwildlife.org]

Sent: Friday, January 02, 2009 11:35 AM

To: 'Vann Stancil'

Subject: RE: Cape Fear Mussels

Here is a revised table showing some more detailed mussel data. I have also attached a map showing mussel locations at the level of detail we release in our reports.. As far as habitat data, as you know, mussel habitat varies and some species prefer a fast riffle, while others prefer to burrow along the banks, so that information cannot really be quantified.

Site	ID	<i>E. complanata</i>	<i>E. roanokensis</i>	<i>E. congarea</i>	Species <i>Lance elliptio</i>
Island below Buckhorn Dam	1	x	x		x
Buckhorn Dam shoal	2	x	x		x
Lillington boat ramp	4	x	x	x	x
Lillington - Erwin Riffle 1	5	x	x	x	x
Lillington - Erwin Riffle 2	6	x	x	x	x
217 Bridge	7	x	x	x	x
Fayetteville Riffle 1	8	x	x		x
Fayetteville Riffle 2	9	x	x	x	x
Raven Rock SP	1	x	x		x

From: Vann Stancil [mailto:vannstancil@gmail.com]

Sent: Tuesday, November 18, 2008 1:41 PM

To: 'Brena K. Jones'

Subject: RE: Cape Fear Mussels

Brena,

I think a brief summary for the mussels would be fine. They will finish the draft EIS in mid-March so that's the driving deadline. I didn't realize that there was more field work to be done. I did receive a summary of the CF shiner results showing location (nearest road) and abundance. That is sufficient, a report would be like icing.

Thanks, I'll leave you alone now.

Vann F. Stancil
NCWRC - Division of Inland Fisheries
Habitat Conservation Program
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-----Original Message-----

From: Brena K. Jones [mailto:brena.jones@ncwildlife.org]

Sent: Tuesday, November 18, 2008 1:32 PM

To: 'Vann Stancil'

Subject: RE: Cape Fear Mussels

Well, since I didn't get to finish all the sites this year, a final completion report will not be written for this project until next fall/winter, i.e. not by January. I will add to my list to put together a brief summary for her though. I will be presenting this material at the NC mussel meeting in December.

I have not seen a CF shiner report yet -- you can check with Ryan, I think he's probably the last one who talked to Gerald (who is VERY overdue with that report). But I sent you the location map for those sites at least, right?

From: Vann Stancil [mailto:vannstancil@gmail.com]
Sent: Tuesday, November 18, 2008 1:21 PM
To: 'Brena K. Jones'
Subject: RE: Cape Fear Mussels

Brena,

I spoke with Nancy with the NRC and she asked if there would be a report written for this sampling. She'd like to have some more results such as abundance, CPUE, locations and habitat. If a report won't be written or won't be ready by, oh say the end of January, it would be good to go ahead and get that info to her. Also, any word on a CF shiner report?

Thanks,
VS

Vann F. Stancil
NCWRC - Division of Inland Fisheries
Habitat Conservation Program
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-----Original Message-----

From: Brena K. Jones [mailto:brena.jones@ncwildlife.org]
Sent: Tuesday, November 18, 2008 9:38 AM
To: 'Vann Stancil'
Subject: RE: Cape Fear Mussels

Oh, actually within the group, they are in no particular order. I can put them in an order if you'd like, though.

From: Vann Stancil [mailto:vannstancil@gmail.com]
Sent: Tuesday, November 18, 2008 9:29 AM
To: 'Brena K. Jones'
Subject: RE: Cape Fear Mussels

Thanks. Regarding order, I was referring to within the location group. They appear to me to be from most to least common within a location, just wanted to verify.

Vann F. Stancil
NCWRC - Division of Inland Fisheries
Habitat Conservation Program
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-----Original Message-----

From: Brena K. Jones [mailto:brena.jones@ncwildlife.org]
Sent: Tuesday, November 18, 2008 8:23 AM
To: 'Vann Stancil'
Subject: RE: Cape Fear Mussels

They are actually listed upstream to downstream. If you need any more detail, just let me know.

The deal with lance Elliptios is that there are so many forms of the lanceolates that their taxonomy is a mess right now. So they are I guess *Elliptio* sp., but in a lanceolate form.

From: Vann Stancil [mailto:vannstancil@gmail.com]
Sent: Monday, November 17, 2008 8:25 PM
To: 'Brena K. Jones'
Subject: RE: Cape Fear Mussels

Thanks Brena. So is Lance Elliptio best named as Elliptio sp? I'll pass these onto the NRC folks and see if the level of location detail suffices. I assume these are listed in decreasing order of abundance?

Vann F. Stancil
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-----Original Message-----

From: Brena K. Jones [mailto:brena.jones@ncwildlife.org]
Sent: Monday, November 17, 2008 3:34 PM
To: Stancil, Vann
Subject: Cape Fear Mussels

Hi Vann --

I know a while ago you had mentioned that when I got the upper Cape Fear mussel data together, you'd like to have it to pass along to the NRC. So here you go!

River Reach	Status	Species Found
Buckhorn Dam		<i>Elliptio complanata</i>
<i>roanokensis</i>	State Threatened	<i>Elliptio</i> Lance <i>Elliptio</i> <i>Utterbackia imbecilis</i> <i>Pyganodon cataracta</i> <i>Lampsilis</i>
<i>radiata</i>	State Threatened	
Raven Rock State Park		<i>Elliptio complanata</i> <i>Elliptio</i>
<i>roanokensis</i>	State Threatened	Lance <i>Elliptio</i>
Lillington Boat Ramp		<i>Elliptio complanata</i> <i>Elliptio</i>
<i>roanokensis</i>	State Threatened	Lance <i>Elliptio</i> <i>Elliptio congarea</i>
Lillington to Erwin		<i>Elliptio complanata</i>

<i>roanokensis</i>	State Threatened	<i>Elliptio</i> Lance <i>Elliptio</i> <i>Elliptio congarea</i>
Erwin to Fayetteville		<i>Elliptio complanata</i> <i>Elliptio</i>
<i>roanokensis</i>	State Threatened	Lance <i>Elliptio</i> <i>Elliptio congarea</i> <i>Pyganodon cataracta</i> <i>Lampsilis</i>
<i>cariosa</i>	State Endangered/Federal Species of Concern	

Brena Jones
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 NC Wildlife Resources Commission
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Hearing Identifier: ShearonHarris_COL_Public
Email Number: 329

Mail Envelope Properties (CEEA97CC21430049B821E684512F6E5EB654A2F42E)

Subject: Cape Fear Shiner Report
Sent Date: 1/21/2009 6:40:45 AM
Received Date: 1/21/2009 6:40:51 AM
From: Nancy Kuntzleman

Created By: Nancy.Kuntzleman@nrc.gov

Recipients:

"HarrisCOL Resource" <HarrisCOL.Resource@nrc.gov>
Tracking Status: None
"Donald Palmrose" <Donald.Palmrose@nrc.gov>
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Files	Size	Date & Time
MESSAGE	13924	1/21/2009 6:40:51 AM

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