

Beth Johnson

11/28/2001 09:25 AM
EST

To:
cc:
cc:

Subject: Re: Update on Freshwater Fish Inventory Final Report

NET Fish
Mather

data

11/27

Hi Beth:

Thanks for your speedy response. As I mentioned several weeks ago, all of the freshwater fish data is now in EXCEL. The data records are in EXCEL, the data summaries are in EXCEL, and the tables for the final reports are EXCEL tables linked into a WORD format. I think it should be possible and probably even easy to get it into your format. The issue right now, though, is that I think we have more data than you will want. (Alicia was very thorough which is part of the delay in getting the final report completed). I understand your concerns, though. Maybe we can talk more when you see the report and after you indicate which data are useful to you.

Relative to the reference specimens, we have quite a few that have been checked by us in association with the UMASS museum (I think one+ specimen from each site). Right now, they are at the UMASS museum. Al Richmond, the UMASS curator, says they can stay there until you are ready for them (days, months, or years). We can talk about this later if you like. Depending on where they reside, we can process the labels and records appropriately.

Talk to you later this month? I am out of the office this week.

Martha
413-545-4895

From: Beth_Johnson@nps.gov <Beth_Johnson@nps.gov>
To: Martha_Mather <mather@forwild.umass.edu>
Date: Tuesday, November 27, 2001 9:22 AM
Subject: Re: Update on Freshwater Fish Inventory Final Report

Martha,
Your new schedule is fine with me. I am very concerned about the species data and format. Our goal is to get the information into the National Park Service's NPSpecies database. I am also interested in any collections you have made and where they will be stored.

I look forward to the report.

Beth

Mather update

Author: Alicia Norris <anorris@forwild.umass.edu> at np--internet
Date: 5/3/01 12:07 PM
Normal
TO: Beth Johnson at NP--NAR
CC: mather@forwild.umass.edu at NP--INTERNET
Subject: answers to inventory questions
----- Message Contents

Hi Beth!

Martha requested that I email you the answers to the questions you had asked. She is currently out of town for the week and does not have email readily available.

In answer to your questions, we have visited Weir Farm NHS, Morristown NHP, Roosevelt-Vanderbilt NHS, Saratoga NHP, Marsh-Billings-Rockefeller NHP, Saint-Gaudens NHS, Minuteman NHP, and Cape Cod National Seashore. An Excel spreadsheet is attached showing the numbers of species we found at each park during our 2000 sampling. Another spreadsheet is attached showing which species are present in each park based on our 2000 sampling as well as information from the available literature.

If you have any questions, Martha will be in town again after this week.

Sincerely,

Alicia Norris

Potential Fish Species Present in Inventory and Monitoring Sites									
L = Literature Review; S = Sampling									
Common Name	WEFA	MAH	CACO	MORR	MMMA	ROYA	SAGA	SARA	SAR
Alewife			L			L		L	L
American eel	LS		LS		LS	LS			L
American plaice			L						
American sand lance			L						L
Atlantic cod			L						
Atlantic herring			LS						L
Atlantic menhaden			L						
Atlantic menhaden			L						
Atlantic silverside			L						L
Atlantic tomcod			L						L
Banded killifish	L		LS			LS		L	
Banded sunfish					L				L
Bay anchovy			L						
Black crappie					L	L			
Black sea bass			L						
Blacknose dace	L			S		LS	LS	S	
Blackspotted stickleback			L						
Blueback herring			L						L
Bluntnose			L						
Bluntnose minnow	L			LS	LS	LS	L	LS	L
Brown minnow									S
Brown shiner			L		L				
Broad striped anchovy			L						
Brook trout	L		LS	LS	LS		LS		
Brown bullhead	L		LS		LS	S	LS	S	
Brown trout	L		S	LS	L			L	
Bullhead			L						
Central mudminnow								S	
Chain pickerel	L		LS		L		L		L
Common carp					L	LS	LS	L	
Common shiner	L				L	LS	LS		
Eastern common shiner							L		
Eastern shiner								L	
Common sucker							L		
Eastern common sucker							L		
Conger eel			L						
Creek chub	L			S			LS	L	
Northern creek chub							L		
Creek chubsucker				L					
Crescent jack			L						
Cutlip minnow	L				L	LS			
Fathead	L						LS		
Four beard rockling			L						
Fourspine stickleback						L			L
Golden shiner	L		LS	LS	LS	LS	LS	S	
Goldfish	L					L		L	
Green sunfish	L				S				
Guppy									L
Hard silverside			L						
Johnny darter				S		S		LS	
Eastern johnny darter							L		
Lake chubsucker					L				
Largemouth bass	LS	LS	LS		LS	LS		LS	
Longhorn sculpin								S	L
Longnose dace	L						L		
Eastern longnose dace							L		
Longnose sucker									
Lutescent			L						
Lumpfish			L						
Mottled sculpin	L			L					
Mud hake			L						
Mummichog	L					LS			L
Naked goby			L						
Ninespine stickleback									L
Northern puffers									L
Northern puffer			L						
Parakeet fish			L						
Pollock			L						
Pumpkinseed	LS		LS	L	LS	LS	LS	LS	
Redbreasted shiner			L						
Rainbow smelt									L
Rainbow trout	L			LS					
Red hake			L						L
Rock bass							L		
Rock bass						LS	L		
Rock gunnel			L						
Rockfish			L						
Rockyface shiner								S	
Round scud			L						
Shad herring			L						
Shorhorn sculpin				S			S		L
Slimy sculpin									
Smallmouth bass	L		LS	L	L				
Smallmouth boulder			L						
Sud			L						
Spotted shiner	L			LS		LS	S	S	
Striped killifish			L						L
Striped mullet			L						
Striped sunfish			L						
Summer flounder			L						
Tessellated darter				LS	L		L		
Threespine stickleback			L						L
Unidentified catfish						L			
Unidentified minnow						L			
Unknown cyprinid								S	
White mullet			L						
White perch			LS		L	L			
White sucker			LS	LS	L	LS	LS	LS	L
Windspare			L						
Winter flounder			L						L
Yellow perch					L			L	
Yellow perch		S	LS		LS	L	L	L	L

Number of Species by Park	
	Number of Species from
Park Name	Fall 2000 Sampling
WEFA	3
MABI	2
MORR	12
SARA	14
SAGA	12
ROVA	18
MIMA	10

Author: Martha UMASS <mather@forwild.umass.edu> at np--internet
Date: 8/28/00 11:54 AM
Normal
TO: Beth Johnson at NP--NAR
Subject: Re: Fall 2000 Freshwater Fish Inventory
----- Message Contents

Hi Beth:

(1) Below is what I recently sent to the natural resource managers at Roosevelt-Vanderbilt, Saratoga, Marsh-Billings-Rockefeller, St-Gaudens, Weir Farm, Minuteman, and Morristown.

LETTER SENT FOLLOWS

August 25, 2000

Dear ----:

When we met last summer, Mike Carey, Alicia Norris, and I suggested that late summer/early fall was the best time to assess freshwater fish species composition and relative abundance because the more numerous young-of-year fish will be large enough to identify correctly. In keeping with that plan, myself, Mike Carey, Alicia Norris, and Eric Schneider, are making plans to undertake the freshwater fish survey at the Northeast National Parks and Historic Sites with aquatic resources in which fish live.

Although we will all be involved, I have asked Alicia Norris to work with me to direct the technical aspect of this sampling. She has been the logistic and organizational leader of the kettle ponds team this summer. All four of us will be involved in the planning. Typically Mike and/or I will meet with your group the first day to review the plans. Then Alicia will direct one of us to help her with the sampling for 2-4 days in September-October. We think this length of time will balance the effort needed to gain the desired information without being too hard on the systems. If necessary, we can come back in the spring of 2001.

As we discussed last summer, our plan is to (a) identify and map each aquatic habitat type, (b) sample representatives of each habitat until we feel that at least 90% of the species have been identified, (c) collect relevant physical information, (d) update you about what we plan to do and what we have found, and (e) collect/summarize any other information that you think would be useful.

Alicia will be in touch with you soon to make travel plans. I look forward to seeing you again.

Martha Mather
Principal Investigator
413-545-4895

(2) Do we have a password for the NRBIB?

(3) We still haven't received the money for the amendment? Have you any idea when we will get it? Let me know if there is anything I can do.

I am out of town this week but will be back next Tuesday.

Talk to you soon.

Martha
413-545-4895

FISH

Author: Bill Fuchs at NP-MIMA
Date: 12/6/99 4:44 PM
Normal
TO: Beth Johnson at NP--NAR
Subject: Re[3]: preproposal

----- Message Contents

Hi Beth,

Wetland resources with potential fisheries resources within MIMA include:

North Bridge Unit
Concord River
Mill Brook

Battle Road Unit
Folley Pond
Cook's Pond
Unnamed Pond
Elm Brook
Mill Brook
Mill Brook tributaries (ephemeral)
Unnamed brook

Our ponds are all fairly small (<1 acre). Other than the Concord River, the streams are also quite small (no more than a few feet wide).

The Concord River is one of the major Rivers in the State. The section of the Concord River running through the park is approximately 0.6 miles long.

I suspect that the park was not included in the study because our project statement for fish inventory was not ranked as a high park priority compared to other inventory items. We would love to be included in the inventory if you can magically make it happen.

Thanks,

Bill

Reply Separator

Subject: Re[2]: preproposal
Author: Beth Johnson at NP--NAR
Date: 12/06/1999 8:53 AM

Bill,

Thanks for the detailed response. I don't understand why MIMA was not included in the UMass fish inventory. What fisheries resources do you have there? (pond, stream) WEFA and MABI were included with only one small pond each (3.6 acres and 14 acres respectively). Let me know. It may be easier to add MIMA on to this ongoing study than to find someone new.

I've got all the other stuff. Thanks.

Beth

Reply Separator