

# South Carolina



## Planning Education Advisory Committee

Committee Members:

April 6, 2015

Stephen G. Riley, Chairman  
Representing MASC  
Term Expires: 2017

Leah Youngblood, Senior Planner  
City of Rock Hill  
155 Johnston Street  
Rock Hill, SC 29732

Phillip L. Lindler  
Representing SCAC  
Term expires: 2015

Dear Ms. Youngblood:

Cliff Ellis  
Representing Clemson  
University  
Term expires: 2016

Re: *The Power of the Catawba River*

Dennis Lambries  
Representing USC  
Term expires: 2016

On March 25, 2015 I received the Program Materials you submitted for accreditation of the Continuing Education Course detailed above. Upon receipt of your application, I sent an email to confirm receipt by all Committee members.

Wayne Shuler  
Representing SCAPA  
Term expires: 2018

The Committee met via telephone conference on April 6 to consider the Program Materials you submitted for accreditation and your request has been approved. Your signed "Notice of Decision" is attached.

Thank you for your efforts to help make this program a success.

Sincerely,

A handwritten signature in cursive script that reads "Stephen G. Riley".

Stephen G. Riley, ICMA~CM  
Chairman

cc: Phillip Lindler, Cliff Ellis, Dennis Lambries and Wayne Shuler

**NOTICE OF DECISION**

**12. The following action has been taken by the SCPEAC on this application:**

ACCEPTED WITHOUT OBJECTION      Date: April 6, 2015

REVIEWED BY FULL COMMITTEE      Date:

a)   X   ACCREDITED for  1.5  CE credits

b) \_\_\_\_\_ DENIED ACCREDITATION

i. Reason: \_\_\_\_\_

c) \_\_\_\_\_ RETURNED for more information

**13. If accredited:**

a) Authorized Course No.: 2015-03

b) Date of accreditation: 04-06-2015

Signature of SCPEAC Representative: \_\_\_\_\_



**For further information, contact Mr. Stephen Riley, Chairman,  
843-341-4701 or [steve@hiltonheadislandsc.gov](mailto:steve@hiltonheadislandsc.gov)**

South Carolina Planning Education Advisory Committee (SCPEAC)

**APPLICATION FOR ACCREDITATION  
OF A CONTINUING EDUCATION PROGRAM**

Note: This certification form, together with the required information referenced therein, shall be submitted to the Committee. If no objections are raised by a member of the SCPEAC within 10 working days of receipt, the continuing education program shall be considered accepted. If an objection is raised, a teleconference meeting shall be scheduled, with appropriate public notice, as soon as reasonably possible, to review the application.

Applications are due no later than 30 days prior to the first scheduled presentation of a program or class. The Committee will consider extenuating circumstances where the 30 day deadline cannot be met.

**1. Name and address of organization providing or sponsoring the orientation program:**

a. Organization Name: City of Rock Hill

b. Address: 155 Johnston Street

c. City: Rock Hill

d. State: SC

Zip Code: 29730

e. Telephone: 803-329-5569

f. Email: leah.youngblood@cityofrockhill.com

**2. Contact Information:**

a. Name of Contact Person: Leah Youngblood

b. Title: Senior Planner

c. Telephone: 803-329-5569

d. Email: leah.youngblood@cityofrockhill.com

**3. Information on orientation program:**

a. Title of Program:

The Power of the Catawba River

b. Date(s) and Location(s) of Program:

May 7, 2015, City of Rock Hill City Hall

c. Brief description of the program and its content:

History of the Catawba River and its impact on the development of the City of Rock Hill

**4. Method of presentation (check all that apply. All sessions must have a Coordinator present):**

a. Presentor(s) in room with participants



- b. Live presentation via close circuit TV, video conferencing, or similar; Coordinator present
- c. Videotape or CD/DVD presentation; Facilitator present
- d. Webinar or similar; Coordinator present
- e. Other (describe) \_\_\_\_\_

**5. Description of materials to be distributed (check/fill in all that apply):**

a. Powerpoint handout:	<input checked="" type="checkbox"/>	number of slides: 50
b. Other handouts:	<input type="checkbox"/>	total pages:
c. CD/DVD:	<input type="checkbox"/>	
d. Other (describe)	_____	
e. None:	<input type="checkbox"/>	

**6. When are materials distributed?**

- a. Sent before the program:
- b. Handed out at the program:
- c. Other (describe) \_\_\_\_\_

**7. Required attachments (5 copies distributed as described below):**

- a. Course description and outline including estimated time per section
- b. Brochure, if available
- c. Course Presenter(s) and credentials (include brief resumes and qualifications)
- d. Copies of all handouts and course materials
- e. Evaluation Form and method of evaluation (each program must be evaluated)

**8. Instruction Time:**

- a. Indicate the total minutes of instruction time: 1.5 Hours

**Note:** Breaks, meals and introductions should not be counted. A reasonable period of Q and A should be included and counted.

**9. Method of Advertisement:**

- a. Describe the ways in which you intend to let potential attendees know about this orientation program:

Email, mail

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**10. Certification. By Submitting this application, the applicant agrees to:**

- a. Allow in-person observation, without charge, of the Program by the SCPEAC Committee members. Any food, travel or lodging costs will be the responsibility of the Committee member(s).

b. The applicant acknowledges that its approval for this Program may be withdrawn for violations of the regulations or failure to comply with the agreements and representations contained herein and as may be required by the SCPEAC.

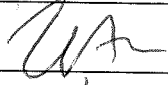
i. Name of Organization: City of Rock Hill

ii. Name of Representative: Leah Youngblood

iii. Title: Senior Planner

iv. Phone: 803-329-5569

v. Email: leah.youngblood@cityofrockhill.com

vi. Signature: 

vii. Date: 3/25/15

**Application and all Materials may be submitted in one of the following means:**

1. Electronic submission to each of the committee members listed below via email; or
2. Hardcopy via U. S. Mail, 1 copy each to each committee member; or
3. Electronic submission of the application via email to all committee members, and submit hardcopy supporting materials via U.S. Mail to each member, if materials not available electronically.
4. Please cc all applications to the Chairman's assistant, Vicki Pfannenschmidt at [vickip@hiltonheadislandsc.gov](mailto:vickip@hiltonheadislandsc.gov)

To access committee members email and postal addresses visit the link below:  
<http://www.scstatehouse.gov/scpeac/members.htm>



**COURSE DESCRIPTION AND OUTLINE:  
CONTINUING EDUCATION SESSION ON  
HISTORY OF THE CATAWBA RIVER**

This session is particularly geared towards helping the members of our Board of Historic Review (BHR) to better understand the history of the Catawba River, although Planning Commissioners, Board of Zoning Appeals members, and City staff also will be invited to attend.

Hope Matthews, the City's outdoor education coordinator, will present the session. Janice Miller, the City's historic preservation specialist and BHR liaison, will also be on hand but will not have a role in presenting the information.

The session will consist of a PowerPoint presentation (60 mins.) and a question and answer session (15 mins.) about the topic. The presentation will cover the early history of developing Lake Wylie, wildlife indigenous to the lake and river area, native peoples along the Catawba River, early industry along the river, and the importance of canals to the life of the river. Because the City of Rock Hill is seeing more and more development along the river, the various Board members need an understanding of—and a sensitivity to—its history.

# The Power of the Catawba River

Hope Matthews

Outdoor Education Coordinator



Rock Hill PRT  
Outdoor  
Education  
Programs  
\*A.L.L.  
Outdoors\*

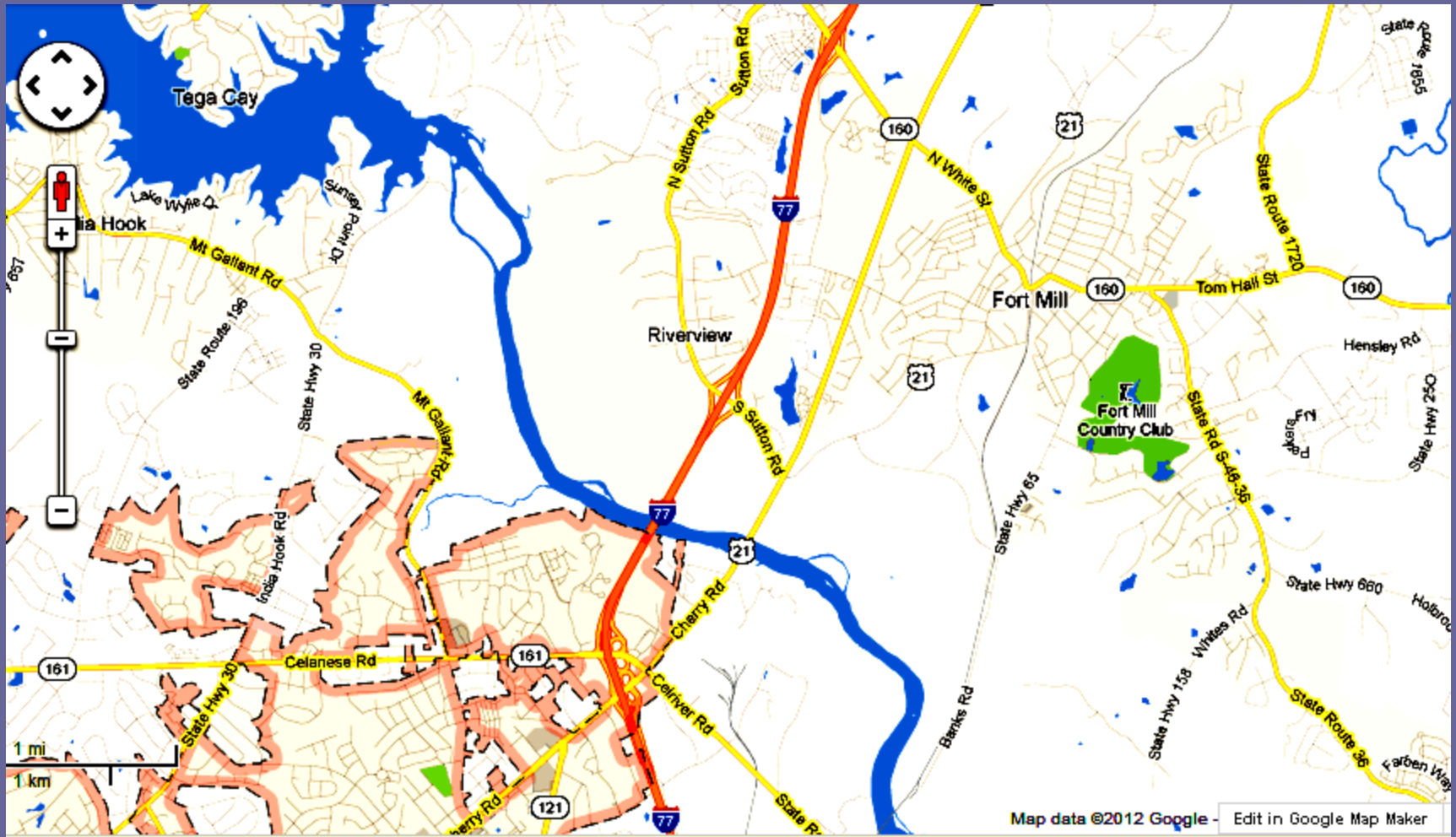




# Connecting people with nature

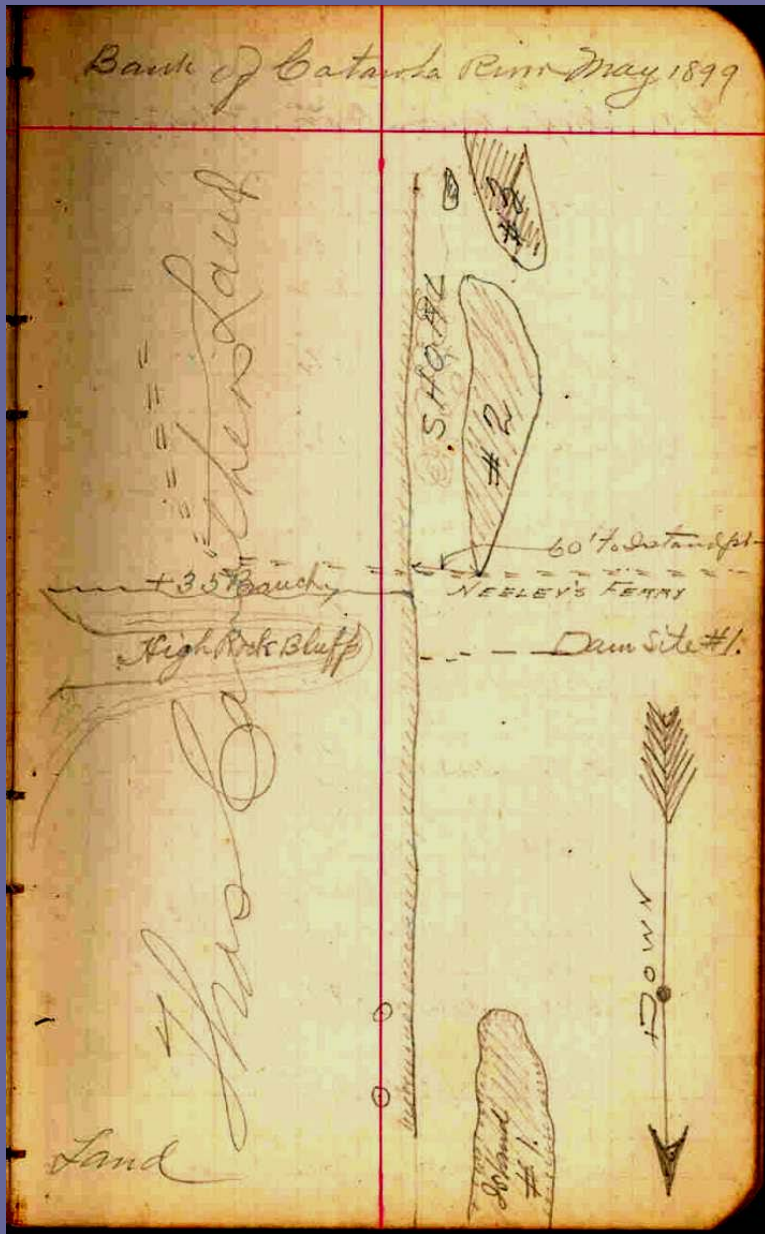


# Where are we going today?



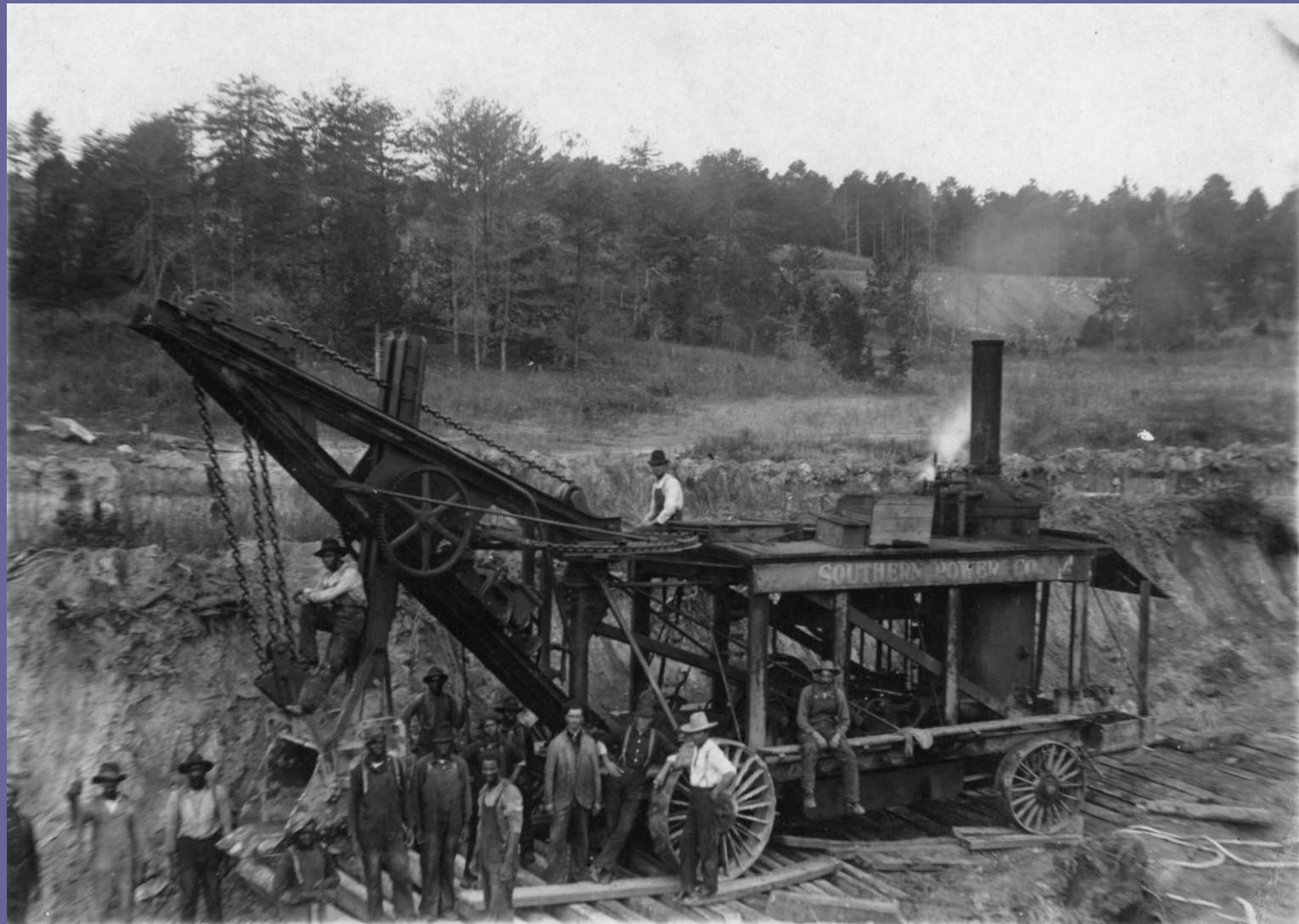
# Lake Wylie Dam, 1901





# Surveyor's Notebook, 1899

# Building the dam, ca. 1900



# Catawba Power Company, 1904

## Catawba Power Company

Rock Hill, S. C.

The Company begs to announce that they will be ready to supply  
Electricity for any and all purposes on or before  
August 15, 1904

Mr. Lee will be in the Charlotte Office every Tuesday.

W. GILL WYLIE, President  
28 W. 40th St.  
New York

W. S. LEE, Jr., Vice-Prest. & Chief Engineer  
W. HERBERT MARTIN, Jr., Sec'y & Treas.  
Rock Hill, S. C.

F. D. SAMPSON, Superintendent  
Charlotte, N. C.

### Charlotte Division

Office: 202 Southern States Trust Building  
Telephone No. 333 Bell  
F. D. Sampson, Superintendent

# 1916 Flood



# Rebuilding the dam, 1925





# Lake Wylie Hydrostation, 2009



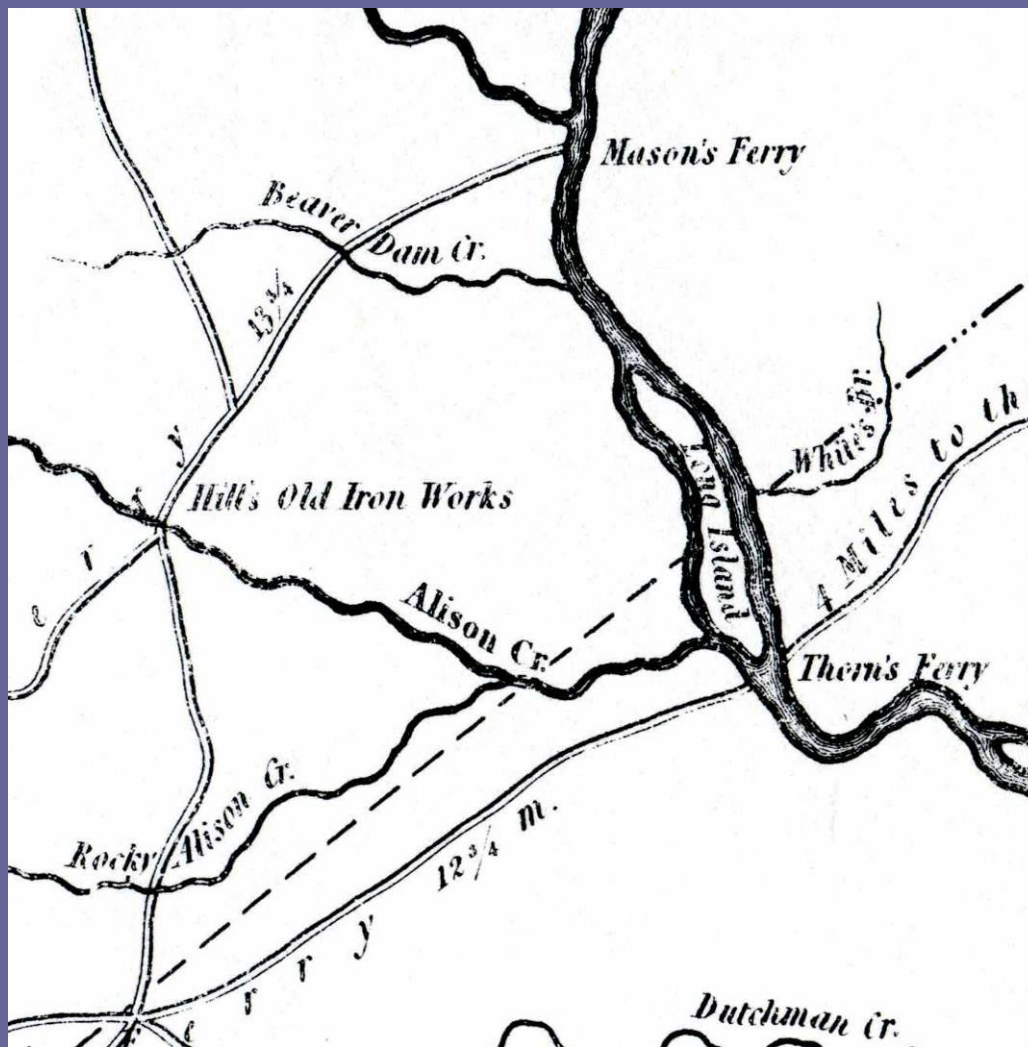
# Catawba Nuclear Station, 1980



# Catawba Nuclear Station, 2006



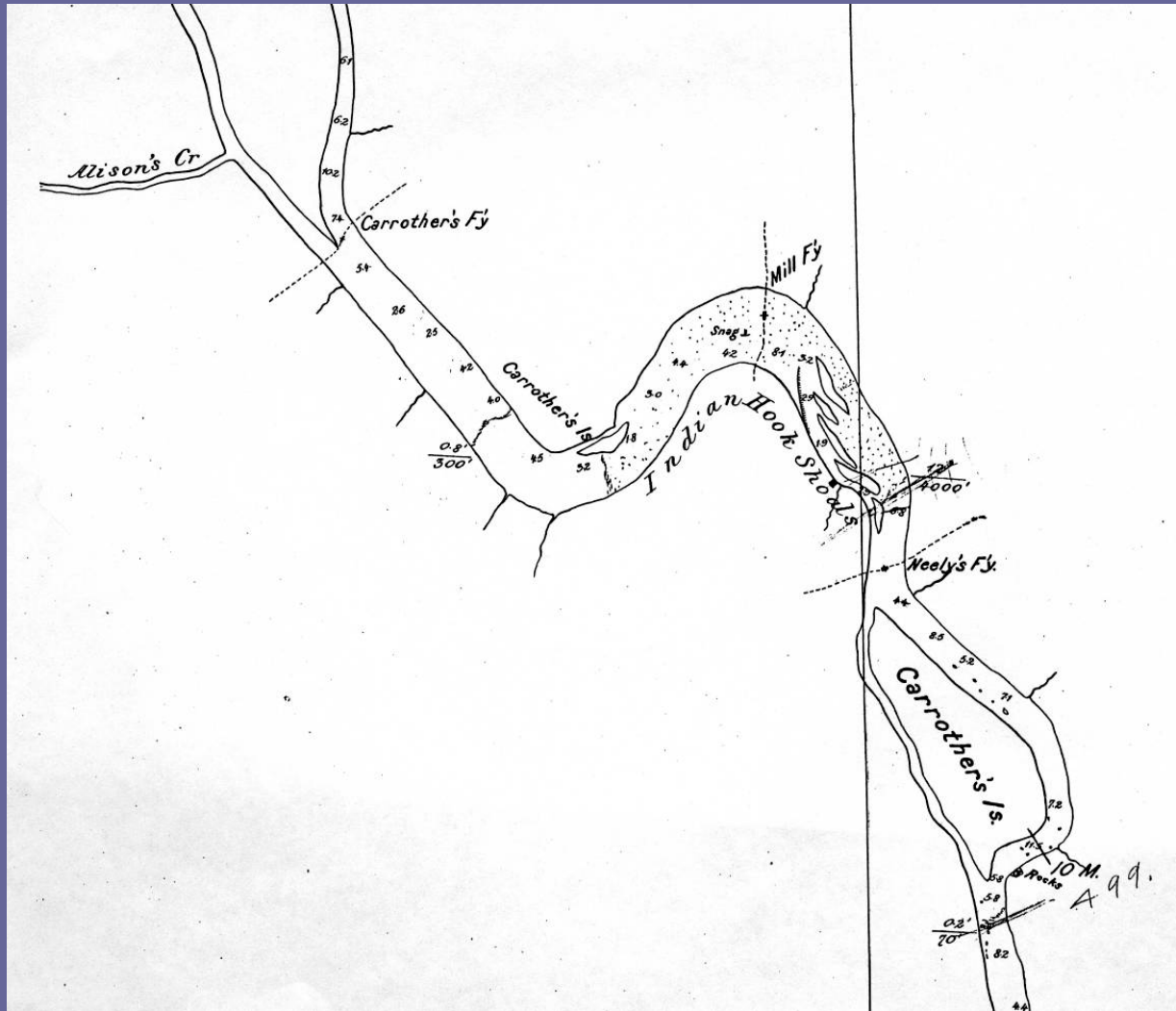
# Hill's Iron Works, 1770's-1810's



# Hill's Iron Works, 1770's-1810's



# Ferries

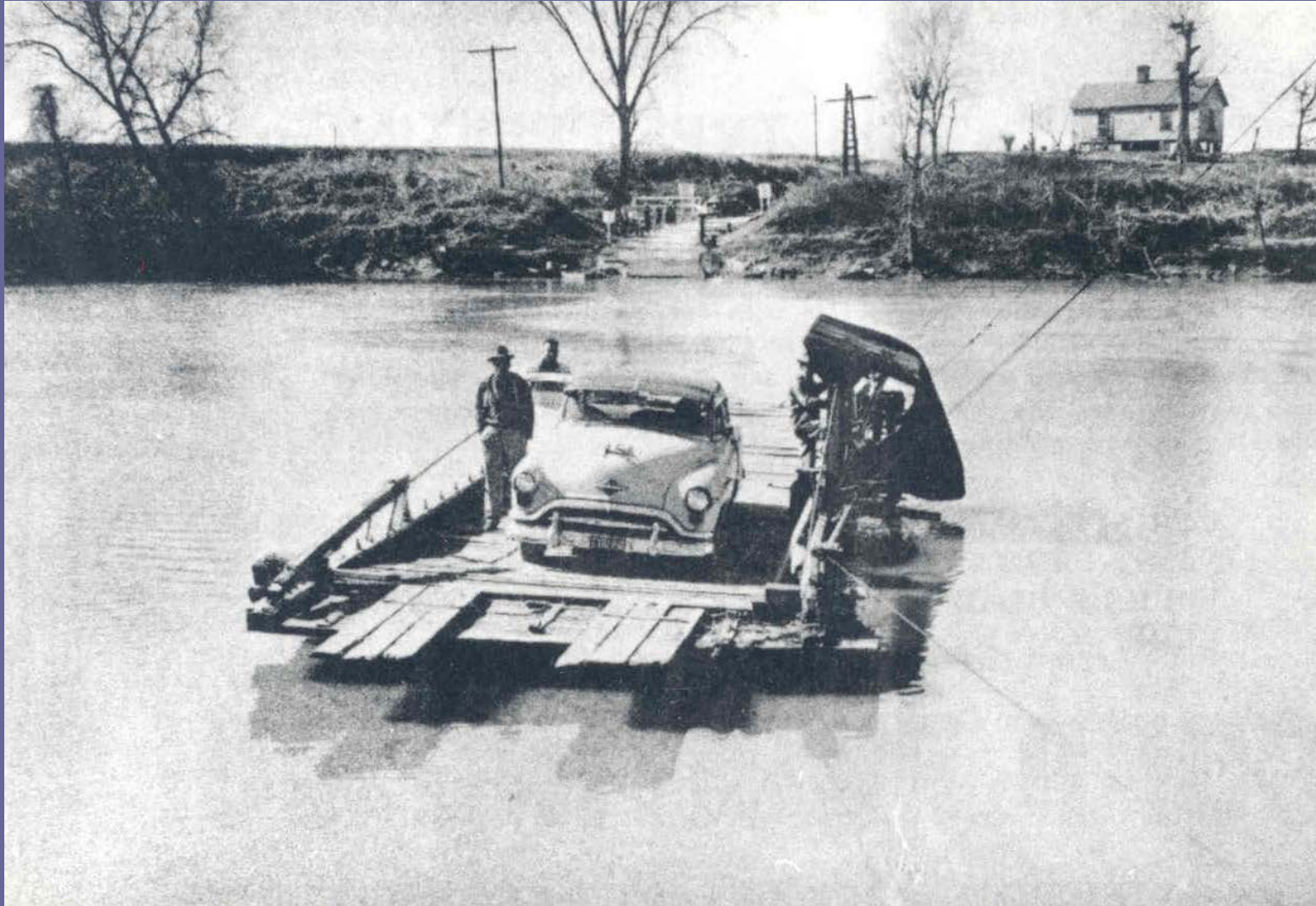


1879 Corp of Engineers Survey (NARA)

# Ferries



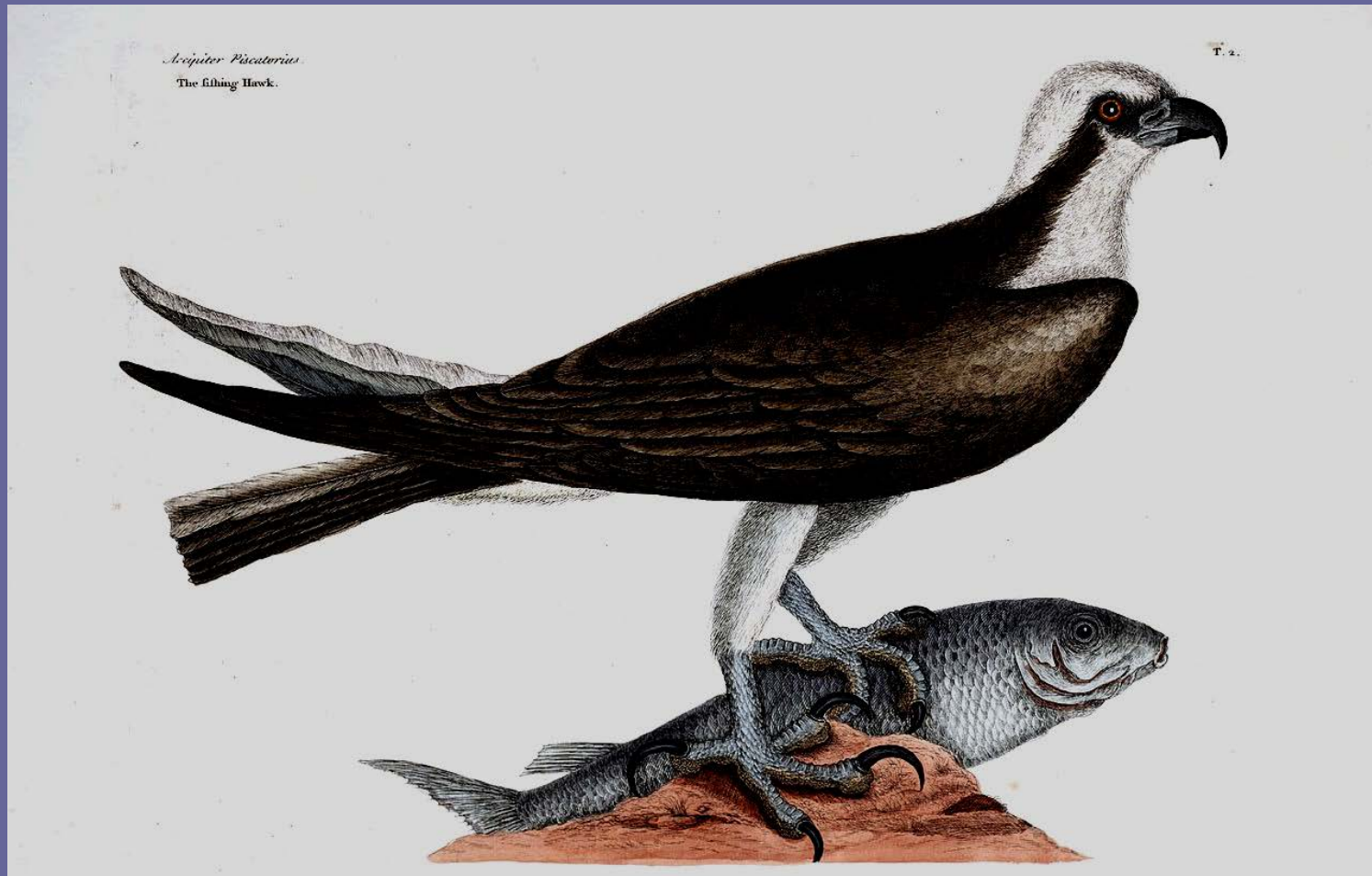
# Ferries







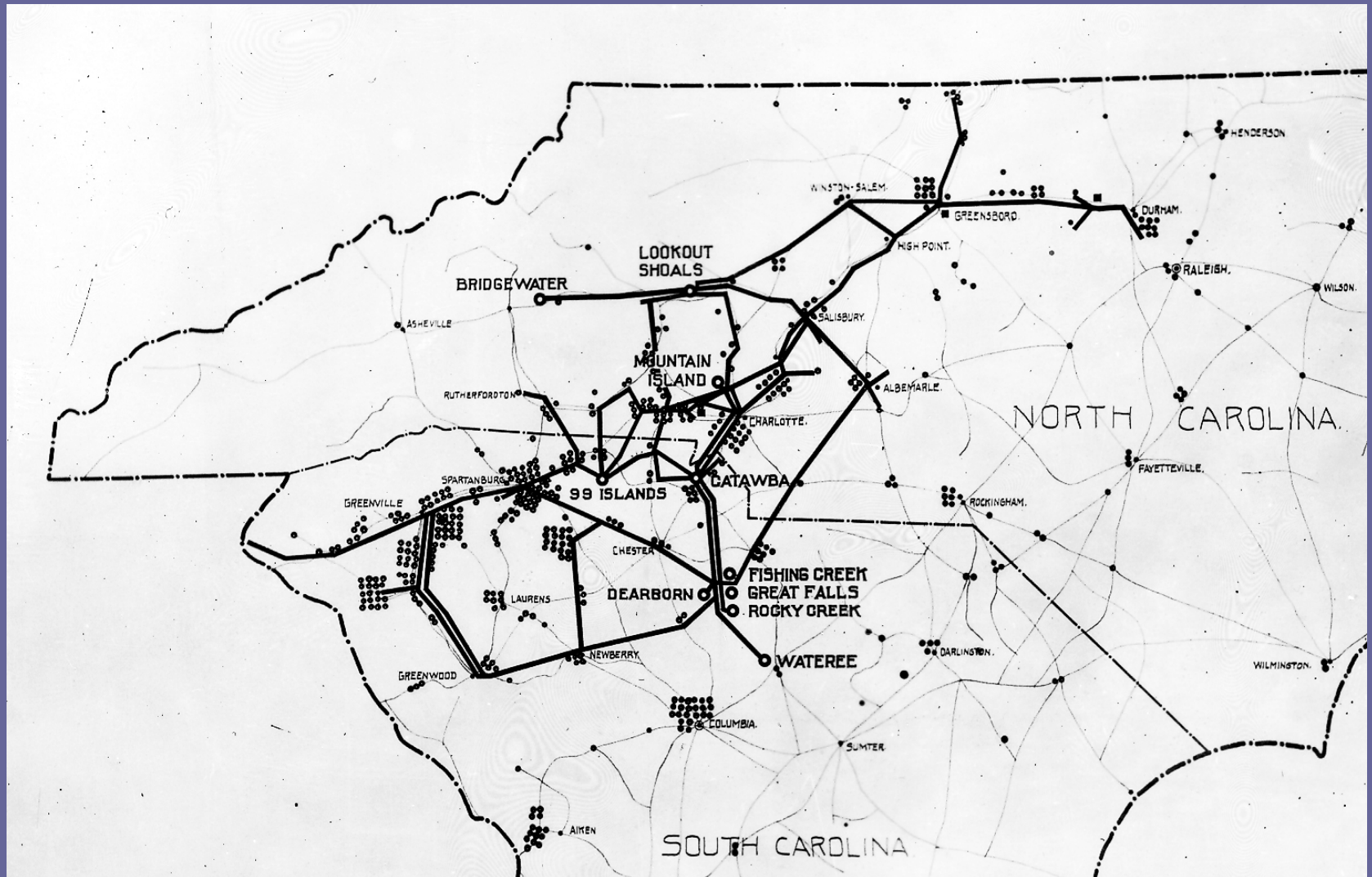
# Osprey



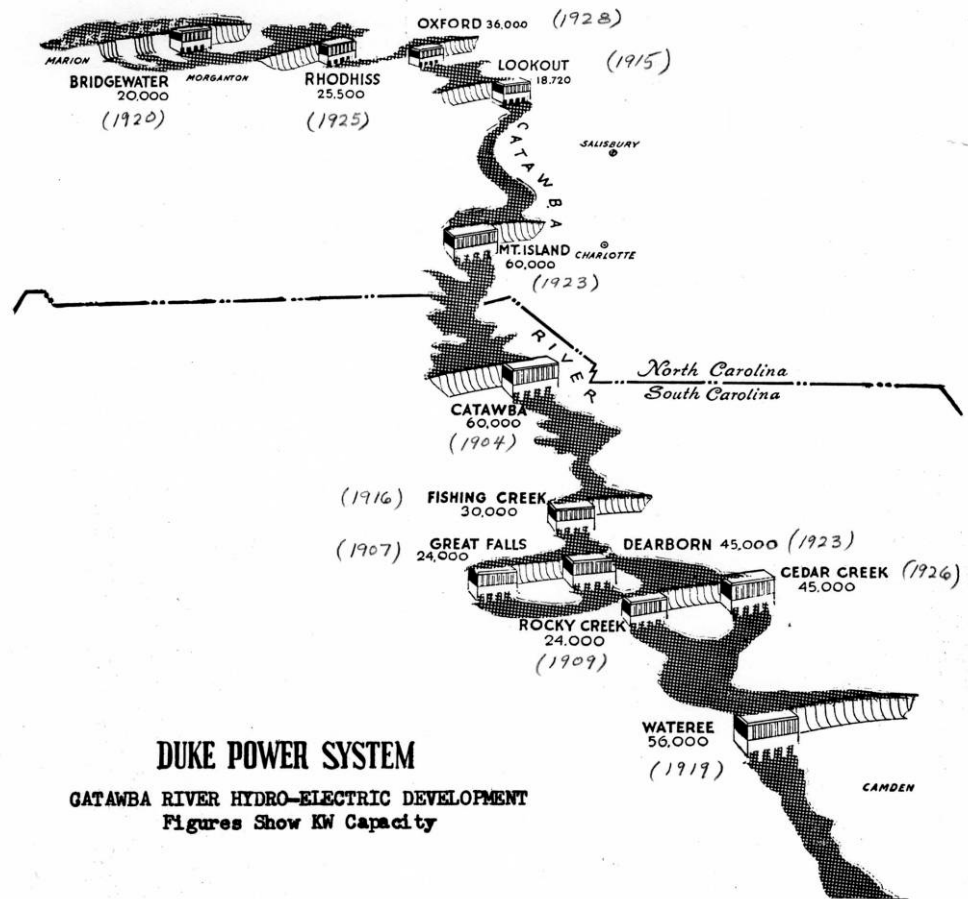
# Osprey



# Power Transmission, ca. 1925



# Power Transmission



**DUKE POWER COMPANY**  
*Serving the Piedmont Carolinas*

SINCE 1904

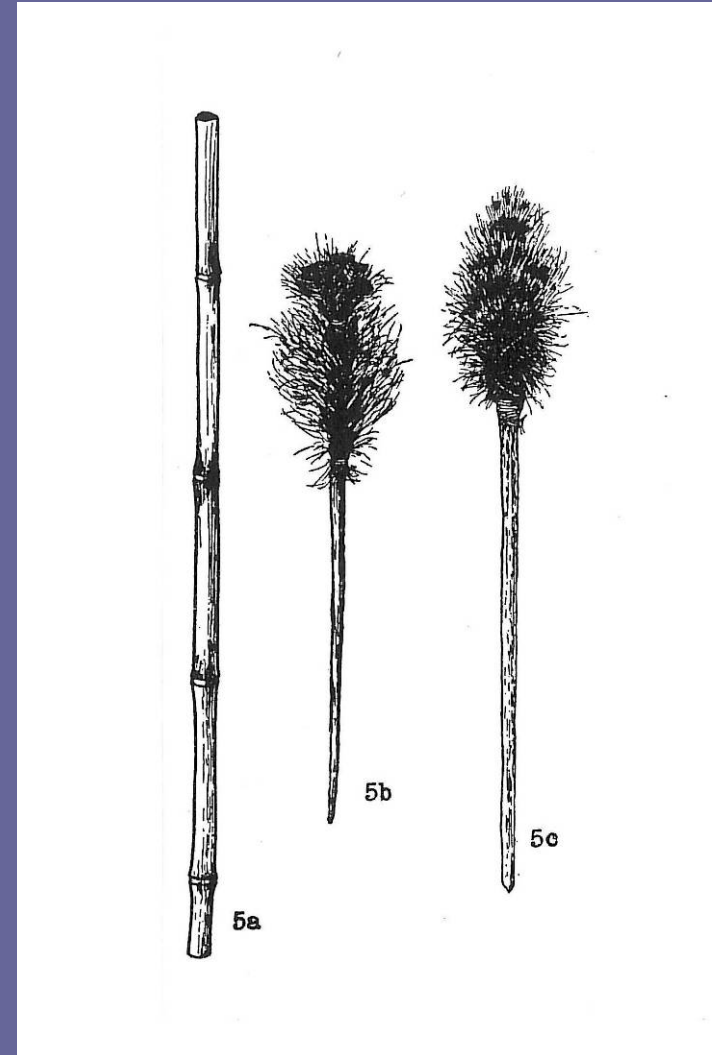
# Power Transmission



# Power Transmission



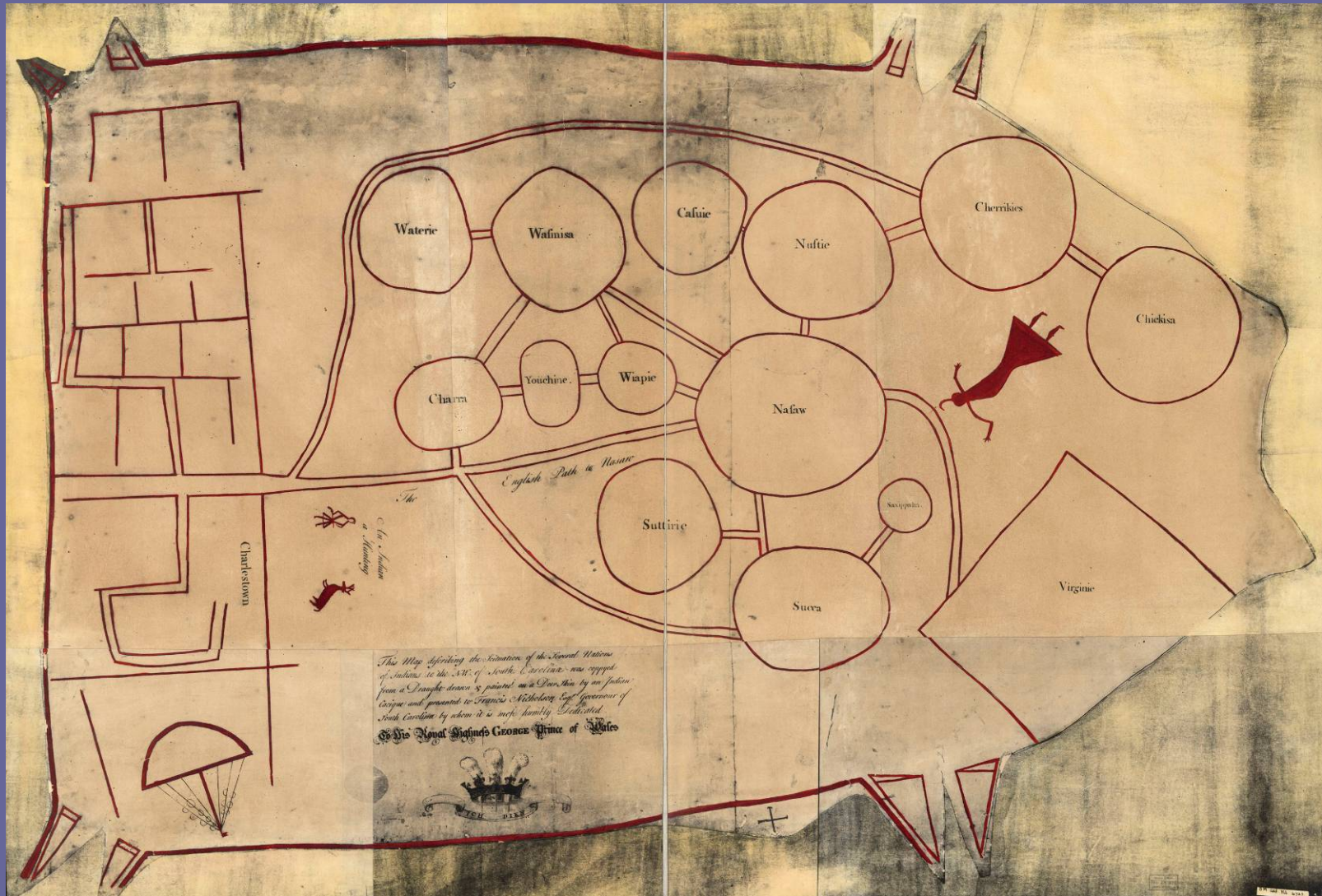
# River Cane, *Arundinaria gigantea*



Speck, 1946

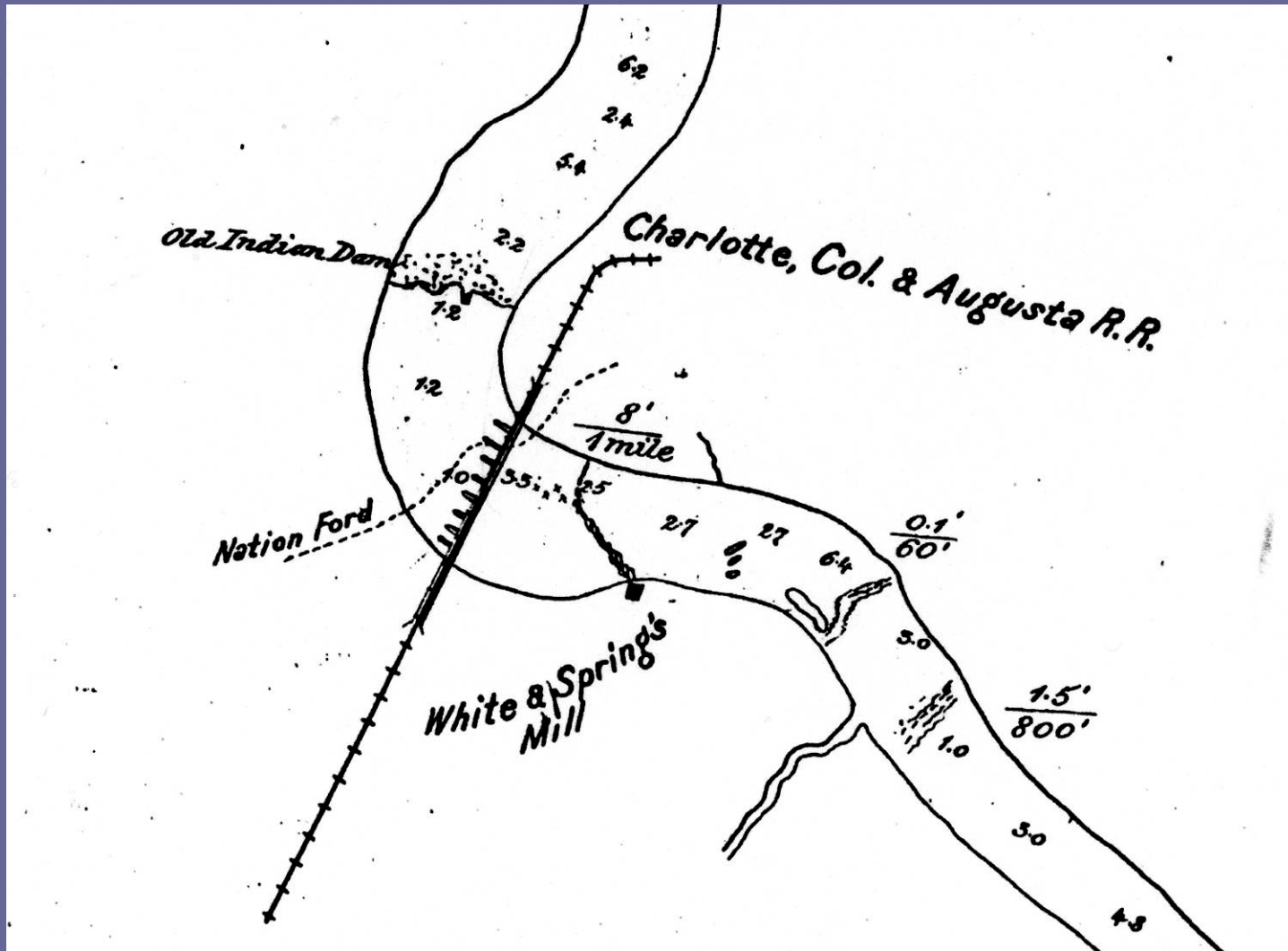


# Deerskin map ca. 1720





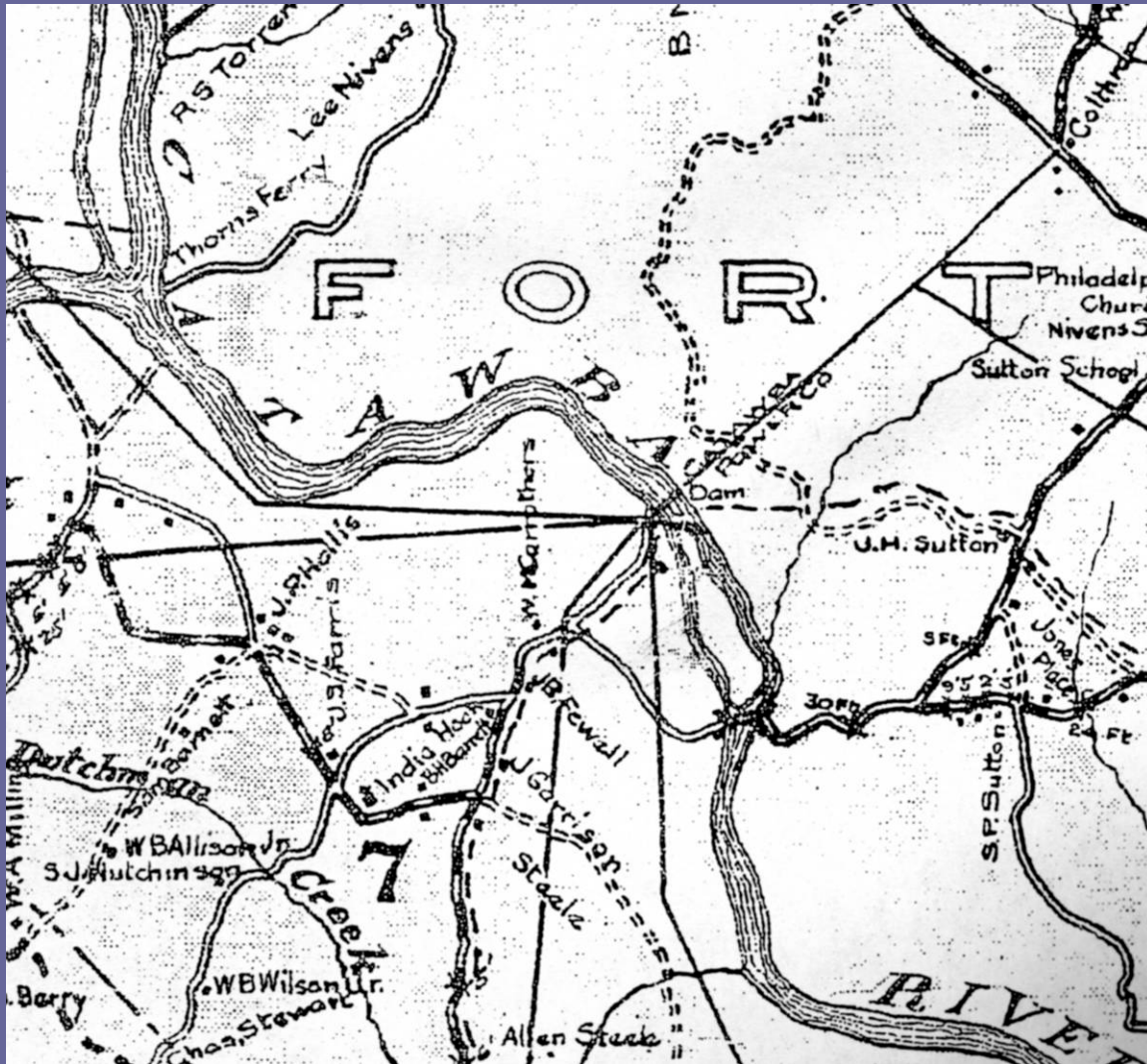
# Nation Ford Crossing



# Archaeology dig



# Bridges



“...the inconvenience of getting across the river. In times of high water it was impossible, except on foot over a narrow plank, on the railroad bridge, and in times of ordinary low water, on account of the fact that there is only one wire ferry on the river for miles, and none of the other ferries are reliable, to get across it is often necessary to travel many miles out of the way”—*Fort Mill Times*, 1897

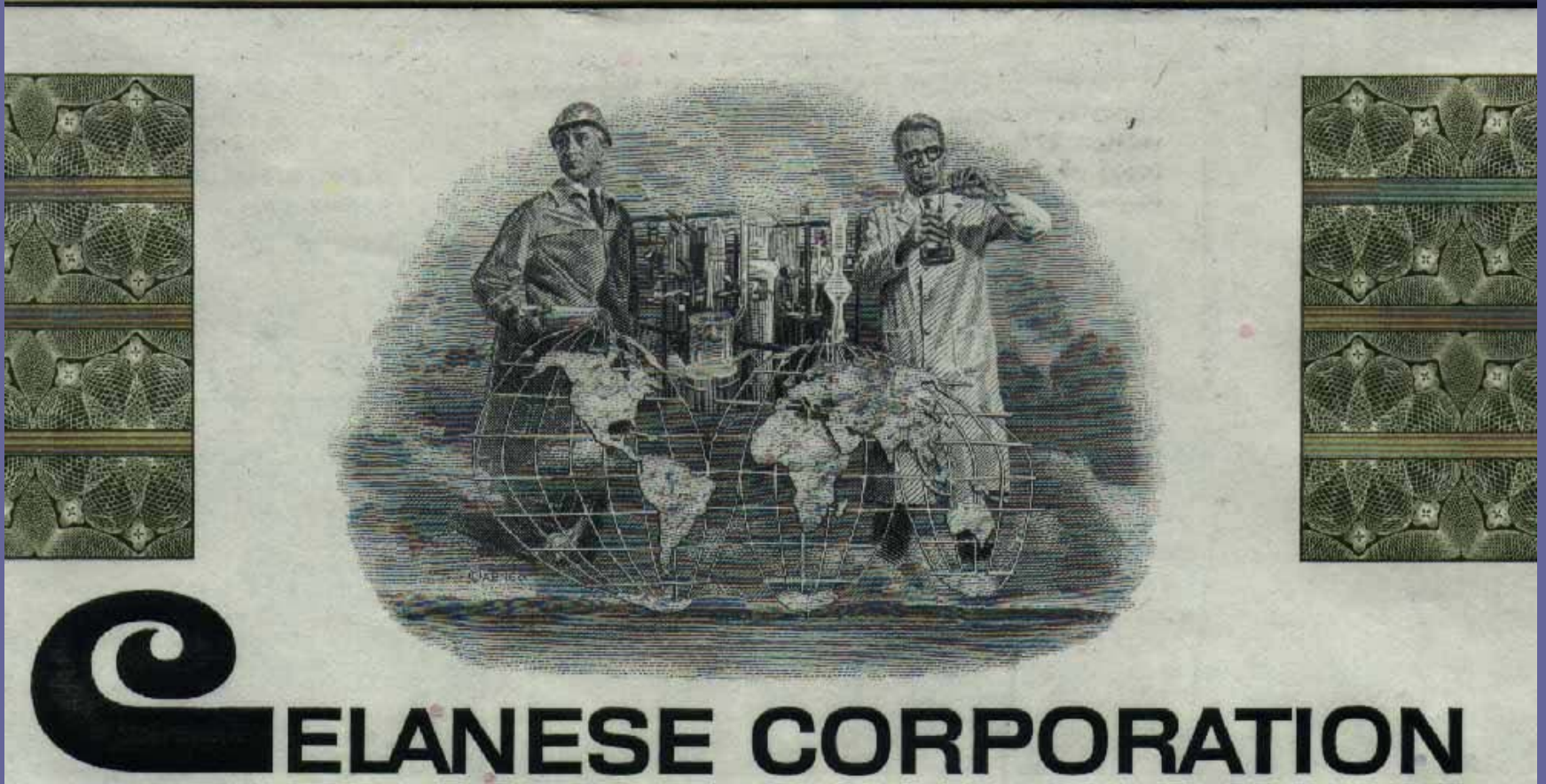
# Water supply



# Industry and the River



# Industry and the River





# Industry and the River



# Industry and the River

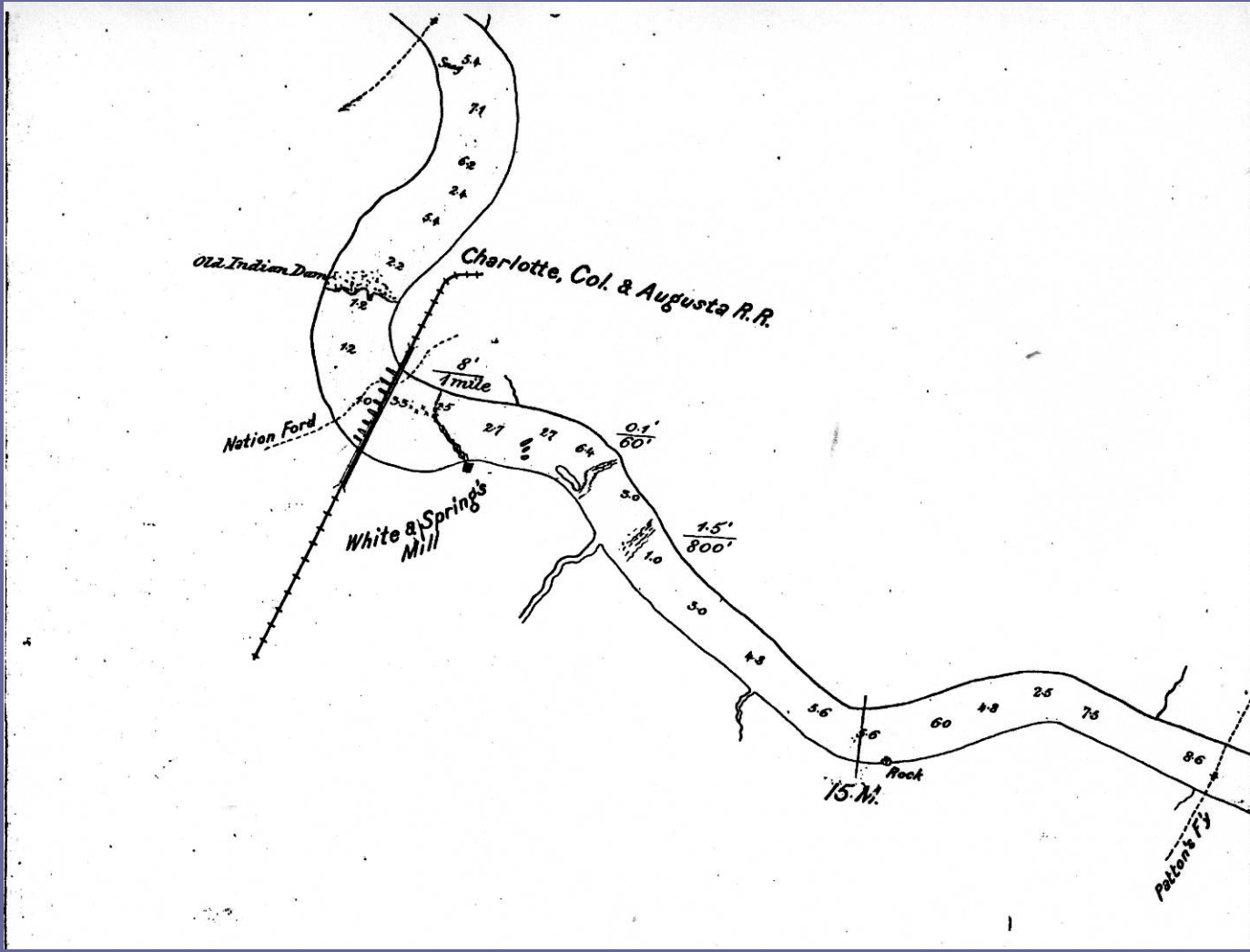


# Grist Mills

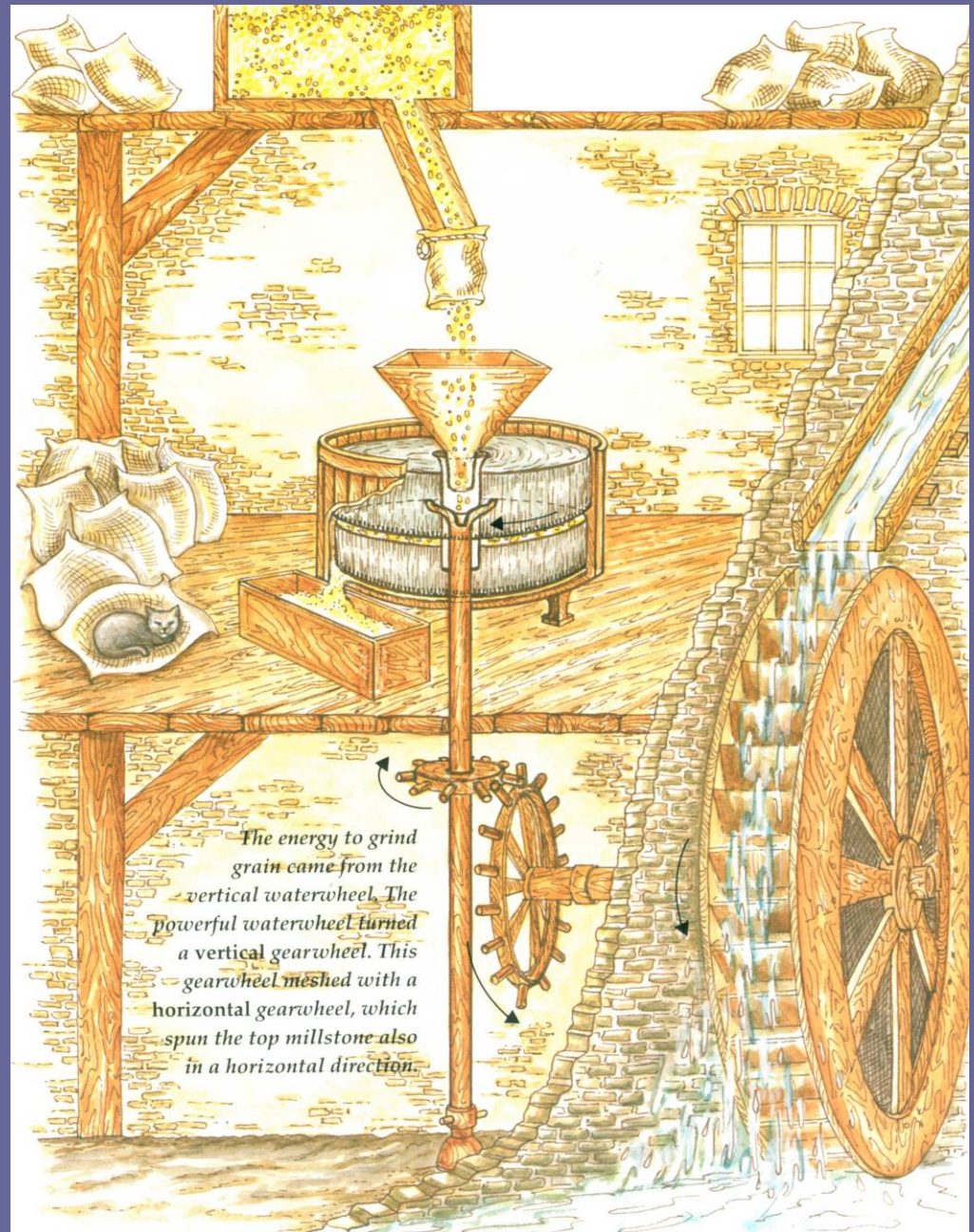


Culture &  
Heritage  
Museums

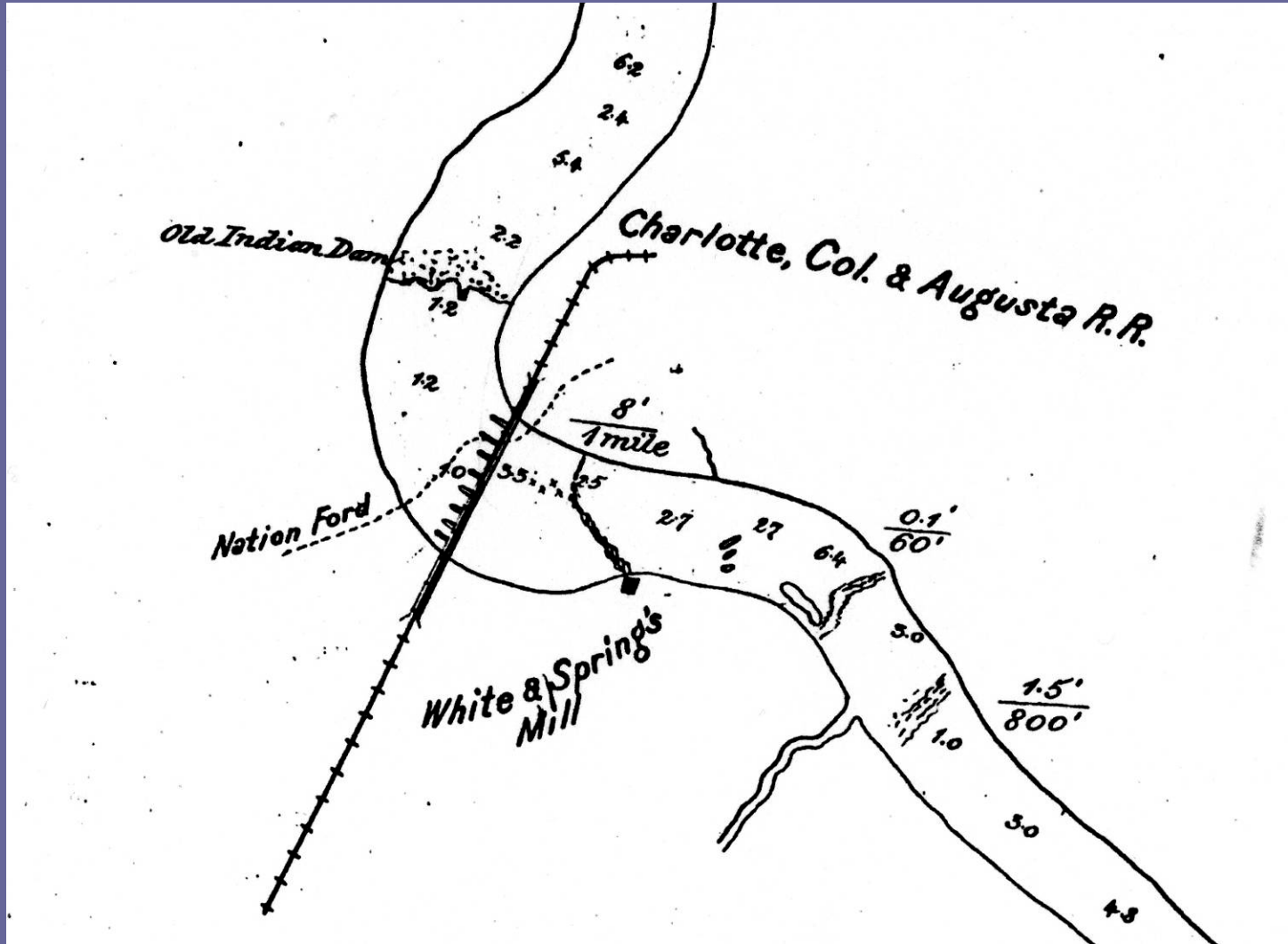
# White & Springs Mill



# Grist Mills

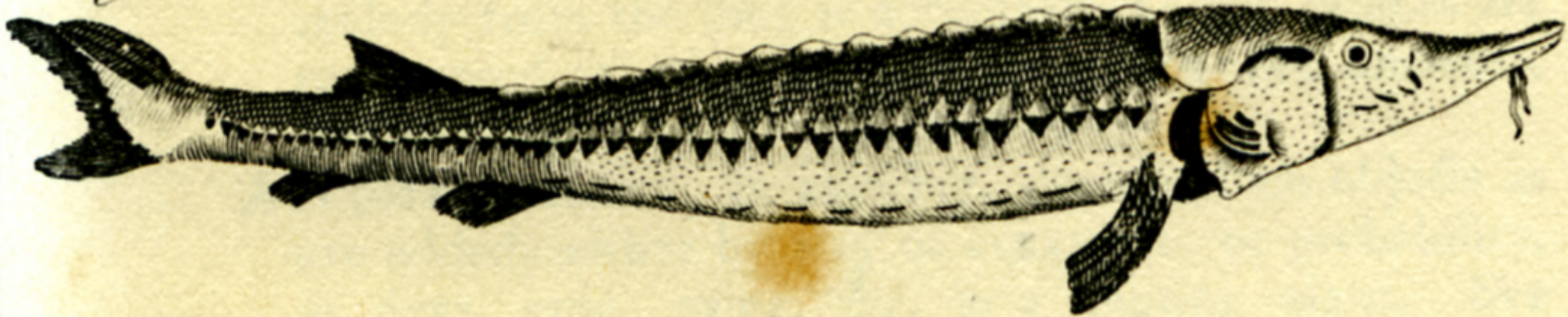


# Nation Ford & Fish Wier

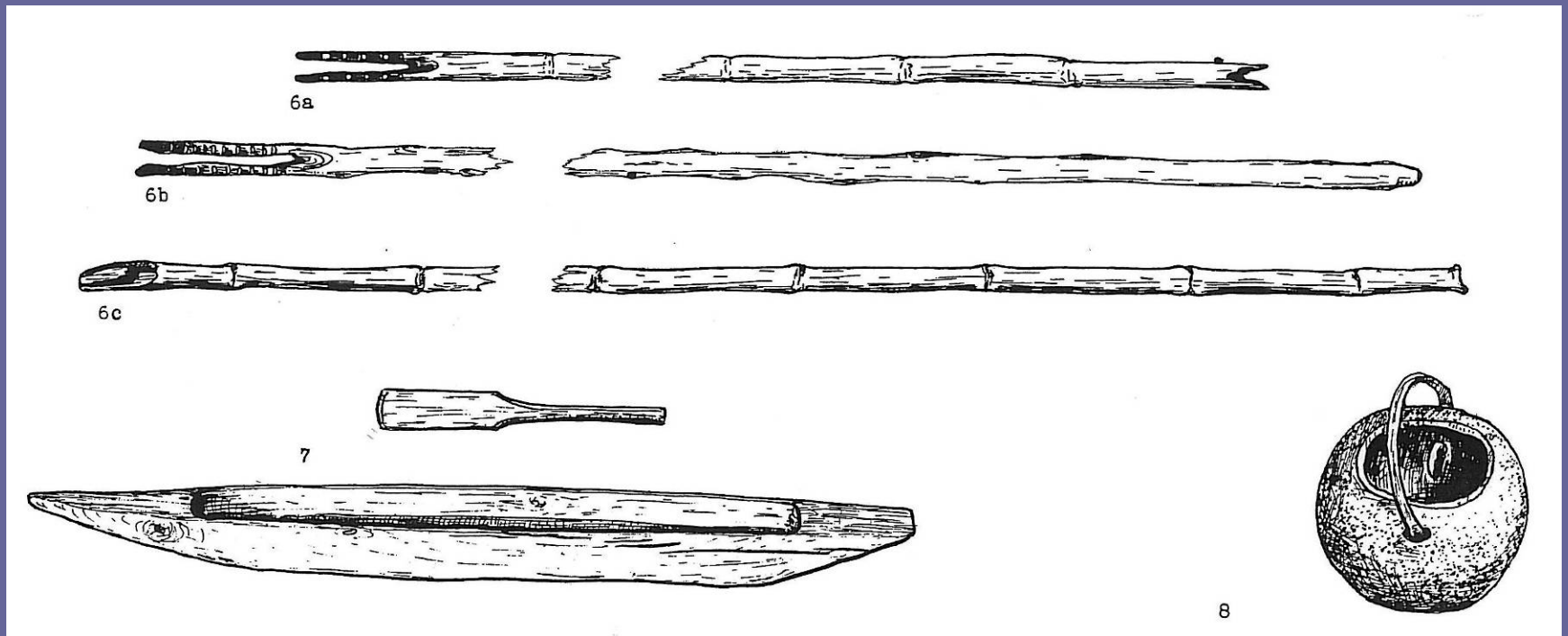


# Fishing

*Fig. 5. Accipenser sturio or Sturgeon*



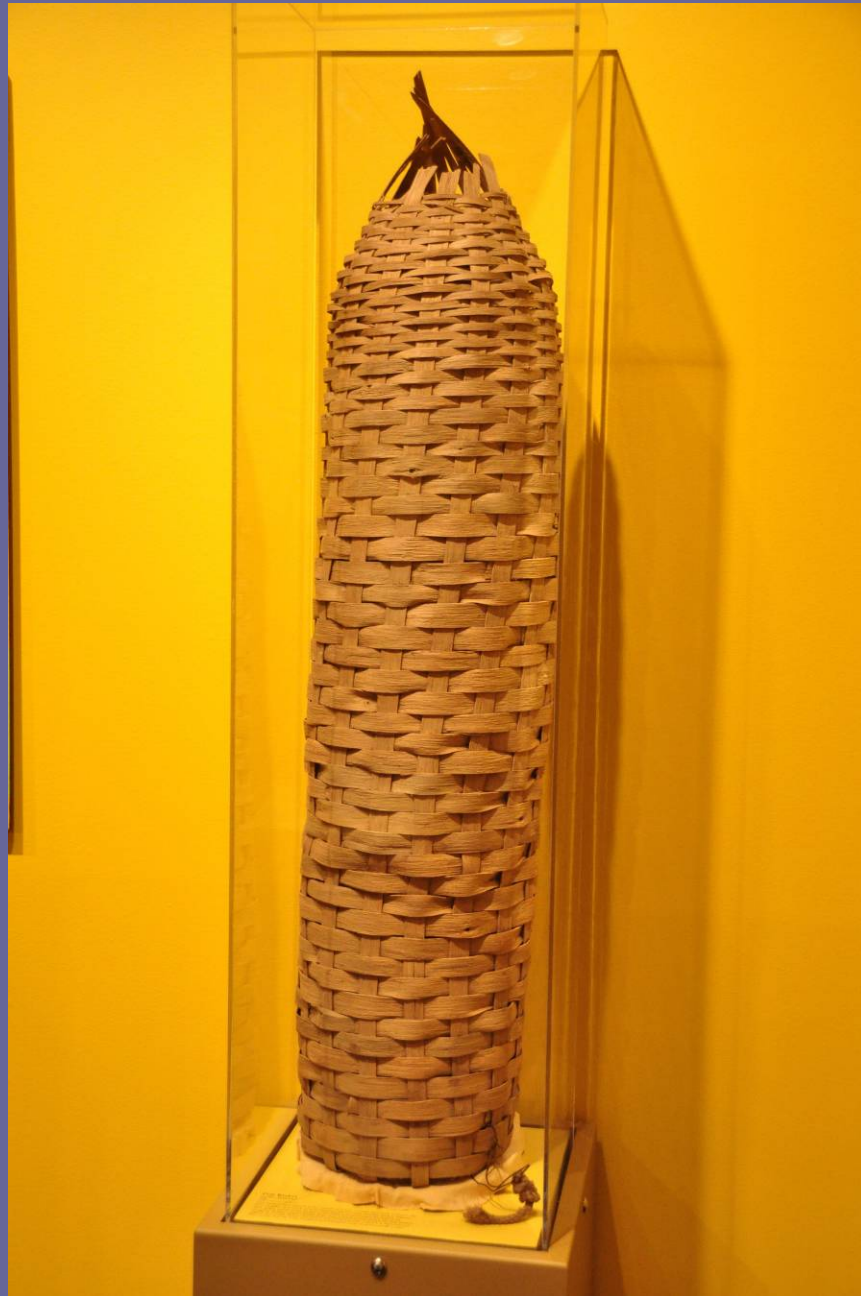
# Fishing



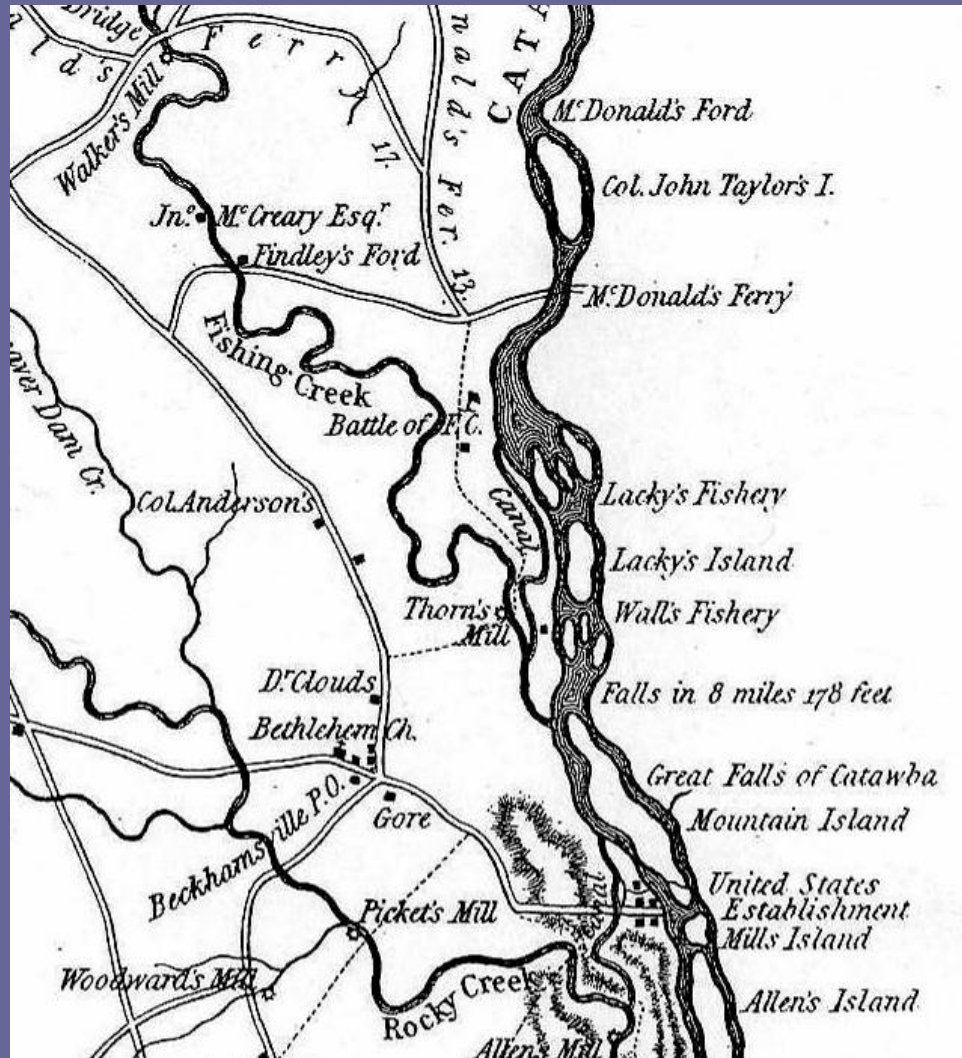
Speck, 1946



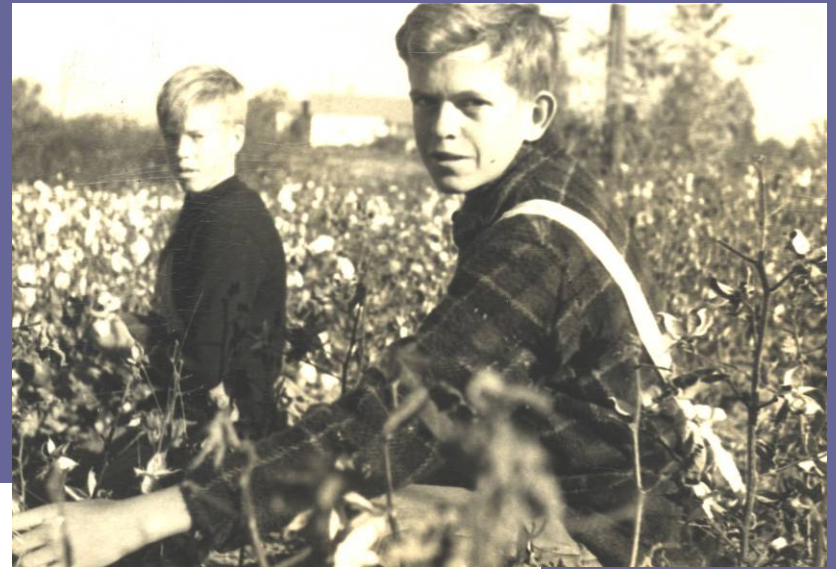
# Fishing



# Commercial Fisheries, ca. 1820



# Cotton

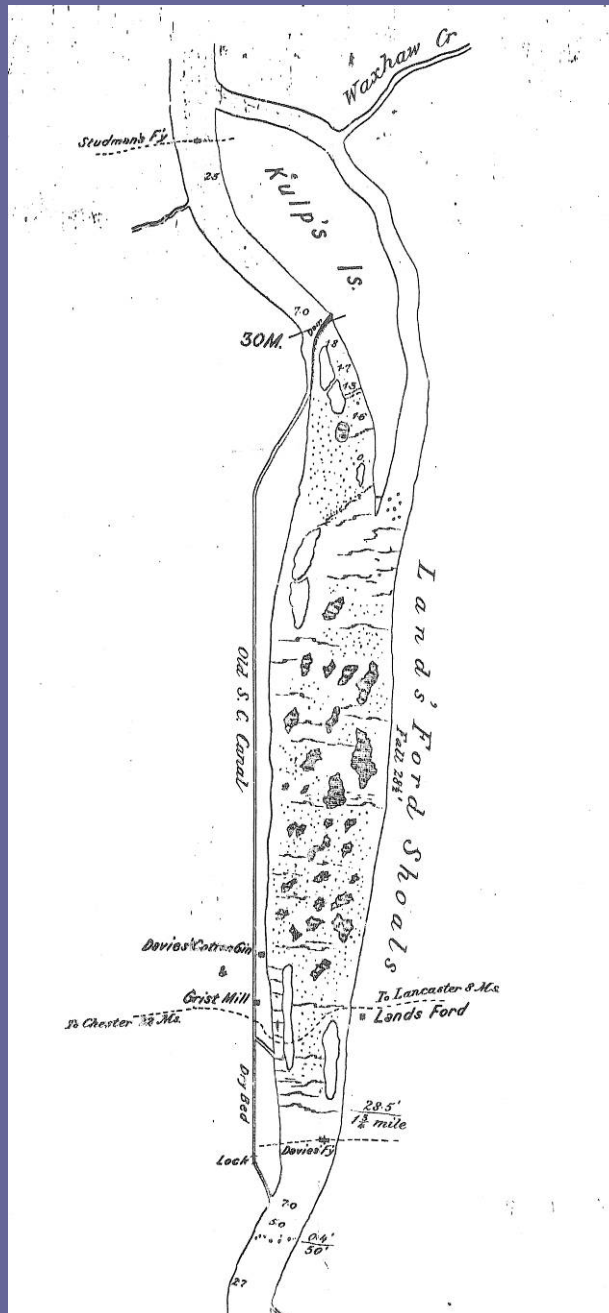


Culture &  
Heritage  
Museums

# Canals



# Canals



# Canals





# For more information

- Visit [www.riverventure.org/catawba](http://www.riverventure.org/catawba)
- Join us on a kayak trip! Visit [www.rockhillrocks.com](http://www.rockhillrocks.com) for information on kayak trips and clinics—private clinics too.
- Email me:  
[hope.matthews@cityofrockhill.com](mailto:hope.matthews@cityofrockhill.com)
- Facebook group “Rock Hill A.L.L. Outdoors”



## Hope Matthews Resume

**Hope Matthews**  
1145 Hermitage Road  
Rock Hill, SC 29732  
(803) 325 5165

### Education

- 2001-2005 **Winthrop University, Rock Hill, SC**  
Master of Science, Biology  
“The effects of hunting on a community of primates in northeastern Peru”
- 1999-2001 **Winthrop University, Rock Hill, SC**  
Bachelors of Science, Biology, Summa Cum Laude  
Dean’s List, President’s List
- 1998-1999 **University of Missouri, Kansas City, MO**  
School of Biological Sciences  
Dean’s List
- 1988-1992 **Marquette University, Milwaukee, WI**  
Bachelor of Social Work

### Work Experience

- 2011-present **City of Rock Hill, Parks, Recreation & Tourism, Rock Hill, SC**  
Outdoor Education Coordinator  
Supervise Outdoor Education Field Trip program, including developing school programs, marketing programs to teachers, maintaining supplies, and training staff and volunteers in program delivery  
Develop interpretive programs at various City parks and facilities  
Assist with Outdoor Education kayak programs, including interpretive kayak trips  
Plan, coordinate, and market outdoor programs and events for family audiences
- 2006- 2011 **Culture & Heritage Museums, Rock Hill, SC**  
Museum Researcher  
Researched thematic content for exhibit development and interpretive planning  
Responsible for application and administration of federal grants  
Project coordinator for the development of the Catawba River Gallery exhibit at the Museum of York County  
Producer of Catawba RiverVenture website with SCETV  
([www.riverventure.org/catawba](http://www.riverventure.org/catawba))  
Conducted audience research to improve visitor experiences
- 2004-2005 **Winthrop University, Rock Hill, SC**  
Biology Department Graduate Assistant  
Zoology and Biology 203 labs  
Prepared labs, instructed students in lab procedures

2000-2004                    **Culture & Heritage Museums, Rock Hill, SC**  
Education Program Coordinator  
Developed and taught classes for school groups  
Developed and presented public programs and birthday parties  
Helped plan and coordinate large events and festivals

1985-1996  
(seasonal and  
full time)                    **Sprout Creek Farm Environmental Education Program,  
Poughkeepsie, NY**  
Helped develop and teach classes on sustainable agriculture, animal  
husbandry, and basic ecology for students ages 5 to 15  
Maintained barns and cared for animals, including monitoring health of  
livestock and administering medications

**Related Experience and Certifications**

2014                    American Canoe Association, Certified Kayak Instructor, Level 1  
American Red Cross Wilderness and Remote First Aid

2012                    Certified Interpretive Trainer, National Association for Interpretation  
Certified to lead a 32-hour Certified Interpretive Guide training course  
for NAI  
Certification includes evaluation of student performance on written  
exam and oral presentation

2008                    American Society of Environmental Historians Annual Conference  
Poster Presentation: Public Perceptions of the Environment and History:  
Implications for a Museum of Environmental History

2006                    American Society of Primatologists Annual Meeting  
Poster Presentation: The Effects of Hunting on a Community of Primates  
in Northeastern Peru

1999 Summer                    Practicum, Kansas City Zoological Gardens, Kansas City, MO  
Assisted keepers with daily duties, observed a group of ring-tailed  
lemurs (*Lemur catta*) and developed enrichment activities for  
them

1998 Summer                    Black Howler (*Alouatta pigra*) census, Belize  
Surveyed a potential release site for black howler monkeys  
Principal Investigator: Bruce Clark

**Volunteer Experience**

1999-2002                    Carolina Raptor Center, Huntersville, NC  
Rehabilitation volunteer: prepared food and medication, assessed new  
patients, provided treatments to birds as directed  
Transportation volunteer: captured injured birds for transportation to  
CRC; provided triage care to injured birds





**CONTINUING EDUCATION EVALUATION FORM**

Name of Program: \_\_\_\_\_ Date: \_\_\_\_\_

Facilitator(s): \_\_\_\_\_

Please rate the following on a scale from 1 to 5 by circling the appropriate number:

1= strongly disagree (SD); 2= disagree (D); 3= neutral (N); 4= agree (A); 5 = strongly agree (SA)

	SD	D	N	A	SA
1. The topic of this continuing education session was interesting and/or relevant to my role with the City of Rock Hill.	1	2	3	4	5
2. The coordinator demonstrated comprehensive knowledge of the subject matter.	1	2	3	4	5
3. The coordinator conveyed the material effectively.	1	2	3	4	5
4. The coordinator was well-prepared and the session was well-organized.	1	2	3	4	5

**What was the most valuable part of this session?**

**What could have been done to improve this session?**

**Ideas for future continuing education topics:**