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Back Mt Creek TEL: 8043672427

Stevenson
P. 001
1997



COMMONWEALTH of VIRGINIA

Department of Game and Inland Fisheries

Reply To:
4010 West Broad Street
P.O. Box 11104
Richmond, VA 23230-1104

William L. Woodfin, Jr.
Director

WILDLIFE INFORMATION AND ENHANCEMENT DIVISION

FACSIMILE TRANSMISSION REPORT

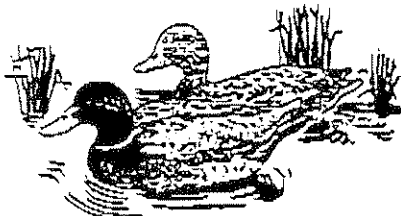
DATE: 5/26/98

TO: DICK NEVES

FROM: Tom Wilcox

NUMBER OF PAGES TO FOLLOW: 4

MESSAGE: FYI



Wildlife Information & Enhancement Division

FAX Number: (804) 367-2427

Voice Number: (804) 367-8999

Philip H. Stevenson

Consulting Ecologist

5251-18 John Tyler Highway, Suite 111

Williamsburg, Virginia 23185

Phone (804) 342-0074

musselhunter@worldnet.att.net



January 24, 1997

Paul Nickerson
U.S. Fish and Wildlife Service
300 Westgate Center
Hadley, MA 01035-9589

Dear Mr. Nickerson;

You receive the enclosed report for me to comply with the conditions of my subpermit (FWS/R-5/ES-TE) to Regional Endangered Species Permit #697823. I have enclosed a copy of correspondence reporting the observation and collection of James spinymussel, *Pleurobema collina*. Only shells of previously dead specimens were collected. All shells are currently in my possession. The attached correspondence should sufficiently identify the observations for the purposes of permit compliance.

To confirm the observations of this species, they are:

Buck Mountain Creek, Albemarle County, Virginia, October 11, 1996.

4 live individuals observed downstream of the Route 665 bridge, from 0.6 air kilometers south-southwest of the bridge upstream to 0.4 air kilometers southwest of the bridge. Free Union, Va. U.S.G.S. quadrangle

Buck Mountain Creek, Albemarle County, Virginia, October 12, 1996.

6 live individuals and 4 paired valves, (including one freshly dead), observed from between 50 meters upstream of the Route 665 bridge to end of area searched, roughly 1.2 air kilometers north of the bridge. Free Union, Va. U.S.G.S. quadrangle.

Piney Run, Albemarle County, Virginia, October 12, 1996.

2 paired valves found, circa 0.7 air kilometers northwest of confluence of Piney Run and Buck Mountain Creek. Free Union, Va. U.S.G.S. quadrangle

Please contact me should have any questions regarding these observations and collections.

Sincerely,

Phillip H. Stevenson

Consulting Ecologist

P.O. Box 10892

Tallahassee, Florida 32302

Phone (904) 656-9779

e-mail pstevens@law.fsu.edu

October 17, 1996

Rebecca Wajda
FWIS Coordinator
VDGIF
4010 West Broad Street
P.O. Box 11104
Richmond, VA 23230-1104

Dear Ms. Wajda;

You receive this letter to augment my earlier faxed report confirming a find of an endangered species in Virginia and complying with the conditions of my Endangered Species Collecting Permit ESP9609 and Virginia Collecting Permit SCP9649. The species found was the James spinymussel, *Pleurobema collina*. The collection information is:

Buck Mountain Creek, Albemarle County, Virginia, October 11, 1996.

4 live individuals observed downstream of the Route 665 bridge, from 0.6 air kilometers south-southwest of the bridge upstream to 0.4 air kilometers southwest of the bridge. Free Union, Va. U.S.G.S. quadrangle

Buck Mountain Creek, Albemarle County, Virginia, October 12, 1996.

6 live individuals and 4 paired valves, (including one freshly dead), observed from between 50 meters upstream of the Route 665 bridge to end of area searched, roughly 1.2 air kilometers north of the bridge. Free Union, Va. U.S.G.S. quadrangle.

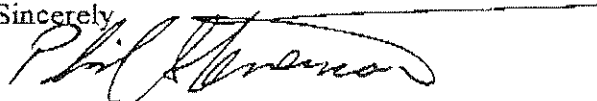
Piney Run, Albemarle County, Virginia, October 12, 1996.

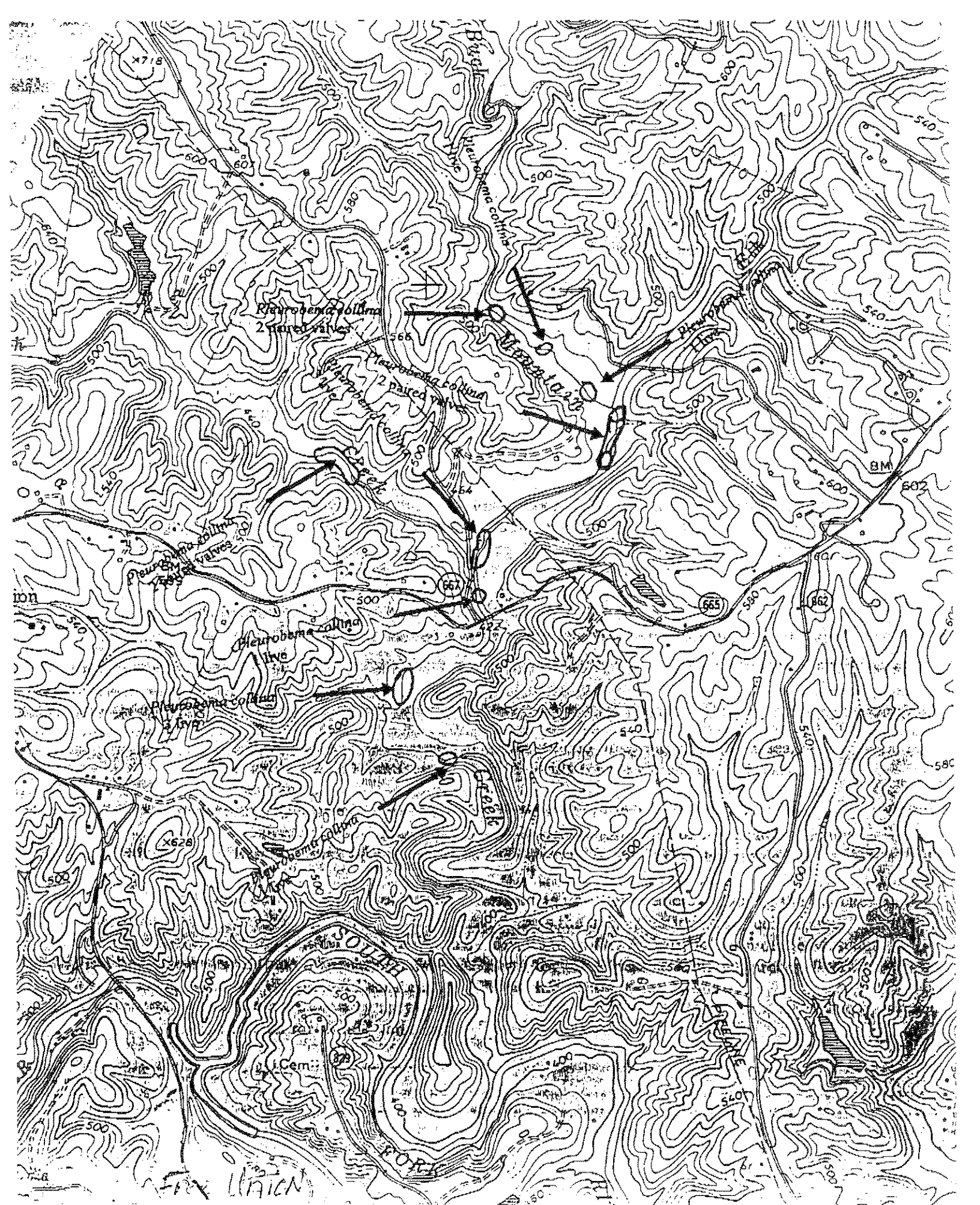
2 paired valves found, circa 0.7 air kilometers northwest of confluence of Piney Run and Buck Mountain Creek. Free Union, Va. U.S.G.S. quadrangle

All shells of *Pleurobema collina* were retained as voucher specimens. During the searches of all areas the notched rainbow, *Villosa constricta*, was the only other unionid species found. One problematic unidentified relict shell will be forwarded to Dr. Richard Johnson of the Museum of Comparative Zoology, Cambridge, Massachusetts, for identification. During searches, I was assisted by Robert Wright and Dan Redgate of VHB, Inc., Gloucester, Virginia.

Please contact me should you have any questions regarding this matter.

Sincerely,





Becky -
Monte sent this e-mail
to me. *MB*

**Department of Game and Inland Fisheries
Endangered Species Siting**

Date: 10-23-96

Location: Buck Mt. Creek at county road 665, Rivanna River--James River drainage,
VA Gazeeteer page 67

Collector(s): Monte McGregor, Mike Pinder, Jess Jones, John Koffman
The following species were observed live at the above site.

<u>Species</u>	<u>Number observed</u>
James spiny mussel <i>(Pleurobema collina)</i>	5 (1 ~ 50 m downstream of bridge) (1 ~ 50 m upstream of bridge and at mouth of Piney Cr.) (3 ~ 50-100 m upstream of bridge, above confluence of Piney Cr.)
<i>Villosa constricta</i> (notched rainbow)	14 males and 16 females
Bluntnose minnow	
Longfin darter	
Johnny darter	
Longnose dace	
<i>Notropis</i> spp.	
<i>Nocomis</i> spp.	
Satfin shiner	
<i>Lepomis</i> spp.	
<i>Luxulus</i> spp.	
Northern hogsucker	

Habitat: The stream is a upper tributary to the Rivanna River, approximately 3-4 m wide, with cobble/gravel substrata in low gradient riffles (~ 20-30 cm deep) and runs (20-50 cm deep) with good compaction for mussel burrowing. The pools (40-100 cm deep) are mostly sandy bottoms with occasional woody debris and some silt. All James spiny mussels were found in fast water. Water temp=14 degrees C. Overall, this is good james spiny mussel habitat.

If you have any questions, please call me at 804-525-7522 or via E-mail.