Wildlife Resources Section
Wildlife Diversity Unit
Mussel Program
We are responsible for the protection of all Wildlife in WV
State flexes muscle against mussel thefts

By JOHN McCoy
DAILY MAIL OUTDOORS EDITOR

A tip from an observant fisherman has led state conservation officers to one of their biggest cases ever — 16 people, all catches ever — 16 people, all
charged with poaching freshwater mussels from the Ohio River near Parkersburg.

Arrested were Arlene Treece, Larry Wayne Hobbs, Paul D. Brown, Charles V. Collins, Bobby Brand, Junior Webb, Benny Collins, Carol Gray, Junior Lanham, Perry Larre
David Applegate, Larry Carmichael, David Applegate, and Larry Carmichael, four other suspects. The suspects have been charged.

The suspects have been charged with poaching without a permit, illegal transport of wildlife beyond state lines, illegal sale of
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aquatic life, fishing without proper licenses, and an assortment of
unsafe boating violations.

All were arraigned Wednesday by Wood County Magistrate J. Atkinson, but court officers could not be reached to determine
suspects’ plea.

Gragg, who
Gragg, who
Capt.
Capt.

Aug 27

STATE BRIEFS

State Fines 8 for Taking Mussels

HINTON (AP) — Eight men who pleaded guilty to possession of
mussels have paid fines of $300 each, the Division of Natural Resources
said Thursday.

Summers County residents tipped off wildlife officers when they
noticed several strangers at the New River near Hinton, said Col. Richard
summers County residents tipped off wildlife officers when they
noticed several strangers at the New River near Hinton, said Col. Richard
Hall, chief of law enforcement.

Pounds of mussels were seized, Hall said. The mussels were
headed for New York, where they would be used to grow
18 Tennesseans Charged With Poaching Mussels

PARKERSBURG (AP) — Eighteen Tennessee residents were
charged with illegally digging up mussels in Cleveland, Tenn. Authorities said
the eight residents, who were part of a group of mussels, were
charged with illegally digging up mussels from the Cleveland, Tenn. Authorities said
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1991-1992
63 Extant Species
9 Federally Endangered Species
Event ID: 3608
Event Source: WVNR 2012
Project Name: WVNR 2012
Form Completed By: Mike Everhart
Date: 7/17/2012

General Location

Site ID: 81556093402
Site Name: OHIO RIVER
Directions: RM 179-179.9 RDB (TOLIN SITE 11)
Site Type: POINT
Origin Longitude: -81.5568
Origin Latitude: 39.3402
Datum: 1983
PDOP:
Site Accuracy: COORDINATES EXTRACTED FROM AN APPROX. POINT PLACED ON A 7 1/2 QUAD. (+/- 500 M)
Rover File (.ssf):
Corrected File (.cor):
County Name: WOOD
Quadrangle Name: PARKERSBURG
Established By: TOLIN
Date Established: 8/1/1983
In stream impacts require surveys
Red - State Mussel Stream
Yellow - Federal and State Mussel Stream
Green - High Quality Stream w/ potential for mussels
Blue - w/in 1/2 of Federal Stream, treat as Federal
West Virginia Mussel Survey Protocols

April 2015

Prepared By

Janet L. Clayton (WVDNR)
Barbara Douglas (USFWS)
Patricia Morrison (USFWS)
Surveys
<table>
<thead>
<tr>
<th>Monitoring</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 Random Start Systematic Sampling</td>
</tr>
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<td>Mark/Recapture</td>
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<tr>
<td>Pit-tagging</td>
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</tbody>
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Systematic sampling of substrate samples
Mark / Recapture
Pit-tagging
• Ohio River/Elkem Metals/Eramet Corporation ……..1999
  • NRDA ---WV, OH, USFWS
  • $2.4 million for restoration
• Tug Fork River/Martin County Coal Corporation…..2000
  • $19,000
• Ohio River/B&H Towing ………………………………………2005
  • $143,200
• Ohio River/Degussa…………………………………………2008
  • $43,310 (included snails)
• Dunkard Creek/Consolidated Coal…………………………2009
  • $500,000
• Total Kill, WV portion 25,000+mussels, 17 species
Restoration
Technical Committee

WVDNR
Janet Clayton
Scott Morrison

ORINWR
Patricia Morrison

WSSNFH
Catherine Gatenby
Rachael Mair

OSU/CZ
Tom Watters

Elkins Field Office
Barb Sargent

GNFH
Tony Brady
Nathan Eckert

Region 3
Dave DeVault

ODNR
John Navarro

Other Cooperators

TTU
KY Center for Mollusk Conservation

KYDFWR
PA Department of Fish and Game

THE Wilds

USEPA Wheeling
Site 11 Restoration
5 years later
21 species
3.36/m²
15 Species Recruiting
Ohio River
Site 11 and Neal Island (A, J, F)
Buckley Island (A)
Muskingum Island (A, J)
Monongahela River
Opekiska and Hildebrand (A)
Dunkard Creek
4 sites (F, A)
Kanawha Falls (A)
Elk River (A)
Ohio River
Greenup Pool (A)
Little Kanawha River (A)
Middle Island Creek (A)
Research

EPA – Wheeling
eDNA Study