

**Coosa & Warrior Hydropower Relicense  
Section 7 Meeting – July 22, 2004 – via conference call**

Revision 9-02-04

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**Attendees**

Jeff Powell	USFWS	Patric Harper	USFWS	Bill Sim	APC
Henry Mealing	Kleinschmidt	Shane Boring	Kleinschmidt		

**Action Items**

**Due Date**

- Draft mammal, bird and terrestrial plant sections of the BA.  
Shane Boring August 18, 2004 – provide update
- Draft meeting notes from 8-5-04 and distribute to attendees for comment  
Jim Crew August 13, 2004
- Incorporate Coosa Species List update from Jeff Powell into Section 7 Species Tracking Tables  
Shane Boring August 18, 2004
- Distribute Coosa Species List update from Jeff Powell to other Work Group members  
Shane Boring August 5, 2004
- Continue filling in Species Tracking Table and work on BA  
Shane Boring and Jeff Powell August 18, 2004 – give update
- Arrange meeting with Barry Lovett to discuss SMP land classifications and links to T&E species  
Shane Boring and Jim Crew August 13, 2004
- Provide comments and finalize 7-22-04 Section 7 meeting notes  
All Attendees August 20, 2004
- Draft list of all potential impact to T&E Species  
Henry Mealing, Shane Boring, Jeff Powell, Patric Harper August 18, 2004 – provide update
- Prepare for next Section 7 Meeting  
All Attendees August 18, 2004 @ 10:00
- Continue to investigate USFWS coordination with USFS and NOAA Fisheries  
Jeff Powell, Patric Harper, or Larry Goldman ASAP

**Meeting Notes**

*These notes summarize the major items discussed during the meeting and are not intended to be a transcript or analysis of the meeting.*

Review of Action Items from last meeting:

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- Draft meeting notes from 7-22-04 Section 7 meeting in Birmingham  
Notes were drafted and distributed to Work Group for comment on 8-5-04, prior to this meeting.
- Distribution of example an Biological Assessment as a process example  
Shane Boring distributed electronic copy via e-mail on 8-5-04.
- Review and Comment on the revised Section 7 Species Tracking Tables  
Comments received at 7-22-04 meeting were incorporated into tables. No further comments were received and revised tables were sent out to Work Group and approved at the 8-5-04 meeting.
- Begin filling in Species Tracking Tables and work on BA  
Jeff Powell provided a species list update to the table at 8-5-04 meeting.
- Investigate USFWS coordination with USFS and NOAA Fisheries  
USFWS is still checking into this subject.

### **Species Tracking**

Shane opened the meeting with a brief discussion of the updates that were made to the Warrior and Coosa Species Tracking Tables (Attached). Specifically, additions/edits were made to the categories used to track species based on comments received at the 7-22-04 Section 7 meeting. The group approved the changes to the Tracking Tables. Jeff Powell and Shane Boring agreed to start filing in the tables to facilitate development of the Biological Assessment (BA).

Jeff Powell provided a brief review of the Coosa Basin species list update document that he e-mailed to the group earlier in the day. He indicated that the information should go a long way towards filling in the Tracking Tables. Jeff also indicated that he needed to discuss the updates with Malcolm Pierson to confirm some of the locational information included in the update. Malcolm indicated that he had reviewed the information, and to the best of his knowledge, it was correct. Shane Boring agreed to begin incorporating the information into the Tracking Tables.

### **Development of the Biological Assessment (BA)**

The group also discussed prioritizing certain species that will require only a minimal write-up to address potential impacts. This will allow us to check some species off the list and focus our efforts on those species more likely to be impacted and thus requiring a greater level of analysis (primarily aquatic species). The group agreed that the mammals, birds and terrestrial plants are less likely to be impacted and should be addressed first. Shane agreed to draft these sections. Jim Crew will distribute the draft sections to the Work Group for review.

To facilitate development of a thorough analysis in the BA, Patric Harper suggested that a list of all potential impacts of the projects on T&E species be developed. The group agreed that a comprehensive list should be developed cooperatively among the Group members, with Shane taking the lead to compile the information.

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**Shoreline Management and T&E Species**

The group also discussed potential links between T&E species and the Shoreline Management Plan. Specifically, group members were unsure of whether some of the shoreline areas classified as Environmentally Sensitive Resources in the SMP were designated based on the presence of T&E species and/or their habitats. The group agreed that a meeting should be arranged with Barry Lovett to discuss this issue.

**Future Meeting Schedule**

The next meeting will be on August 18, 2004 @ 10:00 AM Central via conference call.

We will use Jim Crew's conference line – 1-888-287-6197 Passcode #236583

**Coosa & Warrior – Section 7 Meeting – August 5, 2004  
Conference Call**

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**Section 7 Species Tracking Tool: Coosa Basin**

Common Name	Scientific Name	Counties	Federal Status <sup>1</sup>	Impacted by Project <sup>2</sup>	BA Process Priority	Project(s) that Species is Associated with (inside the project boundary)	Existing Restoration Plan (FWS or Other)	Critical Habitat Identified	Population Status	Data Needs
bald eagle	<i>Haliaeetus leucocephalus</i>	Floyd, Cherokee, Coosa, Chilton	T							
red-cockaded woodpecker	<i>Picoides borealis</i>	Coosa	E							
blue shiner	<i>Cyprinella caerulea</i>	Cherokee, Coosa	T							
southern acornshell	<i>Epioblasma othcaloogensis</i>	Cherokee, Elmore	EDCH							
upland combshell	<i>Epioblasma metastrata</i>	Cherokee, Elmore	EDCH							
fine-lined pocketbook	<i>Lampsilis altilis</i>	Cherokee, Etowah, Shelby, Elmore	TDCH							
Alabama moccasinshell	<i>Medionidus acutissimus</i>	Shelby, Elmore	?							
Coosa moccasinshell	<i>Medionidus parvulus</i>	Cherokee, Shelby, Elmore	EDCH							
southern clubshell	<i>Pleurobema decisum</i>	Cherokee, Etowah, St. Clair, Talladega, Elmore	EDCH							
southern pigtoe	<i>Pleurobema georgianum</i>	Etowah, Cherokee, Shelby, Elmore	?							
ovate clubshell	<i>Pleurobema perovatum</i>	Cherokee, Elmore	EDCH							
triangular kidneyshell	<i>Ptychobranthus greenii</i>	Etowah, St. Clair, Talladega, Cherokee, Shelby, Elmore	EDCH							
Alabama leather-flower	<i>Clematis socialis</i>	Etowah	E							
Mohr's Barbara's buttons	<i>Marshallia mohrii</i>	Etowah	T							
harperella	<i>Ptilimnium nodosum</i>	Cherokee	E							
Kral's waterplantain	<i>Sagittaria secundifolia</i>	Cherokee	?							
green pitcher plant	<i>Sarracenia oreophila</i>	Cherokee, Etowah	E							
painted rocksnail	<i>Lextopis taeniata</i>	Chilton, Calhoun	T							
interrupted rocksnail	<i>Lextopis formanii</i>	Elmore	C							
Tulitoma snail	<i>Tulitoma magnifica</i>	Talladega, Shelby, Elmore, Coosa, Calhoun, St. Clair	EPCH							

<sup>1</sup> E – Federally Listed as Endangered

T - Federally Listed as Threatened

C - species is a Candidate for Federal Listing as Threatened or Endangered

EDCH - Federally Listed as Endangered and has Designated Critical Habitat in the counties surrounding the project.

TPDH - Federally Listed as Threatened and has Designated Critical Habitat in the counties surrounding the project.

<sup>2</sup> No Effect - May Affect

Not Likely to Adversely Affect - Likely to Adversely Affect

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**Section 7 Species Tracking Tool: Warrior Basin**

Common Name	Scientific Name	Counties	Federal Status <sup>1</sup>	Impacted by Project <sup>2</sup>	BA Process Priority	Project(s) that Species is Associated with (inside the project boundary)	Existing Restoration Plan (FWS or Other)	Critical Habitat Identified	Population Status	Data Needs
bald eagle	<i>Haliaeetus leucocephalus</i>	Cullman, Jefferson, Lawrence, Tuscaloosa, Walker, Winston	T							
red-cockaded woodpecker	<i>Picoides borealis</i>	Cullman, Jefferson, Lawrence, Tuscaloosa, Walker, Winston	E							
Cahaba shiner	<i>Notropis cahabae</i>	Jefferson	E							
orange-nacre mucket	<i>Lampsilis perovalis</i>	Lawrence, Winston	TDCH							
fine-lined pocketbook	<i>Lampsilis altilis</i>	Lawrence, Walker, Winston	TDCH							
Alabama moccasinshell	<i>Medionidus acutissimus</i>	Lawrence, Winston	TDCH							
Coosa moccasinshell	<i>Medionidus parvulus</i>	Winston	EDCH							
dark pigtoe	<i>Pleurobema furvum</i>	Lawrence, Winston	EDCH							
ovate clubshell	<i>Pleurobema perovatum</i>	Lawrence, Walker, Winston	EDCH							
triangular kidneyshell	<i>Ptychobranthus greenii</i>	Lawrence, Walker, Winston	EDCH							
Alabama streak-sorus fern	<i>Thelypteris pilosa var alabamensis</i>	Winston	T							
Kral's waterplantain	<i>Sagittaria secundifolia</i>	Winston	T							
Indiana bat	<i>Myotis sodalis</i>	Lawrence, Winston	E							
Black Warrior waterdog	<i>Necturus alabamensis</i>	Cullman, Jefferson, Lawrence, Tuscaloosa, Walker, Winston	C							
flattened musk turtle	<i>Sternotherus depressus</i>	Cullman, Jefferson, Lawrence, Tuscaloosa, Walker, Winston	T							

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<sup>2</sup> No Effect - May Affect

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**Coosa Species Update --- From Jeff Powell 8-5-04**

Federally listed species considered in the Coosa Project Biological Assessment.

N = No recent records  
E = Extant; occurs within project boundaries  
EO = Extant; occurs outside project boundaries  
CH = Designated Critical Habitat

**MUSSELS**

**southern acornshell (*Epioblasma othcaloogensis*):**

N

CH (Unit 18, Cherokee Co-Weiss Bypass/Terrapin Cr; Unit 19, Coosa Co-Hatchet Cr; Unit 21, St. Clair Co-Kelly/Shoal Cr; Unit 26, Elmore Co-Coosa River).

**upland combshell (*Epioblasma metastriata*):**

N

CH -- (Unit 18, Cherokee Co-Weiss Bypass/Terrapin Cr; Unit 19, Coosa Co-Hatchet Cr; Unit 21, St. Clair Co-Kelly/Shoal Cr; Unit 26, Elmore Co-Coosa River)

**fine-lined pocketbook (*Lampsilis altilis*):**

E -- Cherokee Co.-Weiss Bypass/Terrapin Cr; Hatchet Cr; Shelby Co-Yellowleaf Cr; Shelby/St. Clair Co-Kelly Cr; Calhoun Co-Chocolocco Cr.; St. Clair-Big Canoe Cr

CH -- (Unit 18, Cherokee Co-Weiss Bypass/Terrapin Cr; Unit 19, Coosa Co-Hatchet Cr; Unit 21, St. Clair Co-Kelly/Shoal Cr; Unit 23, Shelby Co, Yellowleaf Cr; Unit 26, Elmore Co-Coosa River)

**Alabama moccasinshell (*Medionidus acutissimus*):**

EO

CH -- (Unit 26, Elmore Co-Coosa River)

**Coosa moccasinshell (*Medionidus parvulus*):**

EO

CH -- (Unit 18, Cherokee Co-Weiss Bypass/Terrapin Cr; Unit 19, Coosa Co-Hatchet Cr; Unit 21, St. Clair Co-Kelly/Shoal Cr; Unit 23, Shelby Co, Yellowleaf Cr; Unit 26, Elmore Co-Coosa River)

**southern clubshell (*Pleurobema decisum*):**

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E -- Cherokee Co.-Weiss Bypass/Terrapin Cr; Talladega/St. Clair Co-Coosa; St. Clair Co-Kelly/Shoal Cr-tribs to Kelly Cr; St. Clair-N.

CH -- (Unit 18, Cherokee Co-Weiss Bypass/Terrapin Cr; Unit 19, Coosa Co-Hatchet Cr; Unit 21, St. Clair Co-Kelly/Shoal Cr; Unit 26, Elmore Co-Coosa River)

**southern pigtoe (*Pleurobema georgianum*):**

EO -- St. Clair Co-Big Canoe Cr (out of project boundary but may affect).

CH -- (Unit 18, Cherokee Co-Weiss Bypass/Terrapin Cr; Unit 19, Coosa Co-Hatchet Cr; Unit 21, St. Clair Co-Kelly/Shoal Cr; Unit 23, Shelby Co, Yellowleaf Cr; Unit 26, Elmore Co-Coosa River)

**ovate clubshell (*Pleurobema perovatum*):**

E -- Cherokee Co-Weiss Bypass.

CH -- (Unit 18, Cherokee Co-Weiss Bypass/Terrapin Cr; Unit 19, Coosa Co-Hatchet Cr; Unit 21, St. Clair Co-Kelly/Shoal Cr; Unit 26, Elmore Co-Coosa River).

**triangular kidneyshell (*Ptychobranhus greeni*):**

E -- Shelby Co-Kelly (out of project boundary but may affect); St. Clair- N.Henry (Big Canoe Cr @Hwy 411); Talladega/St. Clair Co-Coosa River.

CH -- (Unit 18, Cherokee Co-Weiss Bypass/Terrapin Cr; Unit 19, Coosa Co-Hatchet Cr; Unit 21, St. Clair Co-Kelly/Shoal Cr; Unit 23, Shelby Co, Yellowleaf Cr; Unit 26, Elmore Co-Coosa River)

**SNAILS**

**painted rocksnail (*Leptoxis taeniata*):**

E -- Talladega Co-Choccolocco Cr; Calhoun Co-Ohatchee Cr

**interrupted rocksnail (*Leptoxis foremani*):**

E -- Elmore Co-Coosa River below Jordan

**tulotoma snail (*Tulotoma magnifica*):**

E -- Talladega Co-Choccolocco Cr; Calhoun Co-Ohatchee Cr; Shelby Co-Yellowleaf Cr; Elmore Co-Weoka Cr, Coosa River below Jordan Dam; **Weogufka Cr (need to determine); Hatchet Cr (need to determine)**; Shelby/St. Clair/Talladega Co-Coosa River; Talladega/St. Clair Co-Coosa;

**\*\* Lacy elimia (*Elimia crenatella*):**

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EO -- Talladega Co-Cheaha, Emauhee, and Weewoka Cr (consider lower Cheaha population--although outside of project boundaries, may be affected by operations at L. Martin; Malcolm, verify location-3.5 mls NE of Childersburg)

**FISH**

**blue shiner (*Cyprinella caerulea*)**

EO -- Coosa Co-Weogufka Cr at CR 15; Cherokee Co-Little River; Spring Creek.

**BIRDS**

**bald eagle (*Haliaeetus leucocephalus*)**

E – Floyd Co, Cherokee Co, Coosa Co, Chilton Co.

**red-cockaded woodpecker (*Picoides borealis*):**

E – Coosa Co.

**PLANTS**

**Alabama leather-flower (*Clematis socialis*)**

EO? – Etowah Co.

**Mohr's Barbara's buttons (*Marshallia mohrii*)**

EO? – Etowah Co.

**harperella (*Ptilimnium nodosum*)**

E? -- Cherokee Co.

**Kral's waterplantain (*Sagittaria secundifolia*)**

E? – Cherokee Co.

**green pitcher plant (*Sarracenia oreophila*)**

EO? – Cherokee Co., Etowah Co.