

From: "^PNNL NRC Vogtle" <nrc.vogtle@pnl.gov>
To: <VOGTLE_EIS@nrc.gov>
Date: 7/30/2007 1:00:24 PM
Subject: FW: Request for Alabama T&E species distribution data

From: Stegen, Amanda
Sent: Friday, June 15, 2007 9:49 AM
To: Sackschewsky, Michael R
Subject: FW: Request for Alabama T&E species distribution data

From: Duberstein, Corey A
Sent: Wednesday, April 25, 2007 11:53 AM
To: 'Lewis, Jo'
Cc: Stegen, Amanda; Krieg, Rebekah; Sackschewsky, Michael R
Subject: FW: Request for Alabama T&E species distribution data

Jo,

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Please let me know if/when this may be possible.

Thanks, I do appreciate your assistance with these matters.

Corey A. Duberstein
Battelle Pacific Northwest National Laboratory
P.O. Box 999
Richland, WA 99352
509-376-3801
corey.duberstein@pnl.gov

From: Lewis, Jo [mailto:Jo.Lewis@dcnr.alabama.gov]

Sent: Thursday, March 22, 2007 11:40 AM
To: Duberstein, Corey A
Subject: RE: Request for Alabama T&E species distribution data

Here's the list. I usually include a cover letter but did not want to delay sending this.

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Jo

From: Duberstein, Corey A [mailto:corey.duberstein@pnl.gov]
Sent: Tuesday, March 13, 2007 3:17 PM
To: Lewis, Jo
Cc: Ragland, Penny; Stegen, Amanda; Sackschewsky, Michael R; Krieg, Rebekah; Chamness, Michele A; ARK2@nrc.gov
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Sent: Wednesday, February 28, 2007 10:45 AM
To: Duberstein, Corey A
Subject: RE: Request for Alabama T&E species distribution data

Hi Corey

I have given my boss, Jo Lewis, the material you sent. She is working on writing up a data share agreement. Her e-mail is jo.lewis@dcnr.alabama.gov, please feel free to e-mail her. I'll let her know you are inquiring about it.

Penny Ragland

Database Manager

Department of Conservation and Natural Resources

State Lands Division Natural Heritage Section

64 North Union Street

Montgomery AL 36130

(334) 353-1498

From: Duberstein, Corey A [mailto:corey.duberstein@pnl.gov]
Sent: Monday, February 26, 2007 6:18 PM
To: Ragland, Penny

Cc: Stegen, Amanda; Sackschewsky, Michael R; Krieg, Rebekah;
ARK2@nrc.gov; mdn@nrc.gov; Leigh, Kimberly D
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Penny,

I sent the fax so you should receive it shortly if you haven't already. My contact information is in my signature below, but for questions concerning the data sharing agreement, please contact Mike Sackschewsky

@ 509-376-2554 (michael.sackschewsky@pnl.gov) as he is our Vogtle team lead.

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From: Ragland, Penny [mailto:Penny.Ragland@dcnr.alabama.gov]
Sent: Tuesday, February 20, 2007 6:19 AM
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Subject: RE: Request for Alabama T&E species distribution data

Hi Mr. Duberstein

Our fax number is 334-242-0999. When we get it, we'll take a look and draft up an agreement. What is your phone number in case we have a few questions for you?

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Ms. Ragland,

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thanks

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Battelle PNNL

From: Ragland, Penny [mailto:Penny.Ragland@dcnr.alabama.gov]
Sent: Thursday, January 18, 2007 12:00 PM
To: Duberstein, Corey A
Subject: RE: Request for Alabama T&E species distribution data

Dear Mr. Duberstein

I have spoken with my boss (Jo Lewis) about your request for the species shapefile. At this time, we do not have an established MOU (Memorandum

of Understanding) or data use agreement about releasing data. We are in the process of creating a said data use agreement to enable the data exchange you requested. Would it be possible to see your data use agreement with Georgia? It might speed up the process.

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From: Lein, Greg

Sent: Wednesday, January 17, 2007 2:13 PM

To: Jo Lewis (SLHeritage) (Lewis, Jo)

Cc: Ragland, Penny

Subject: FW: Request for Alabama T&E species distribution data

From: Duberstein, Corey A [mailto:corey.duberstein@pnl.gov]

Sent: Friday, December 08, 2006 1:16 PM

To: Thompson, Jody; Lein, Greg

Cc: Stegen, Amanda; ARK2@nrc.gov; Sackschewsky, Michael R; mdn@nrc.gov;

Leigh, Kimberly D; Krieg, Rebekah; James Wilson (JHW1@nrc.gov)

Subject: Request for Alabama T&E species distribution data

Ms. Thompson and Mr. Lein,

I am an ecologist with Battelle at the Pacific Northwest National Laboratory and I am assisting the Nuclear Regulatory Commission in

preparing an EIS to evaluate impacts associated with an Early Site Permit (ESP) for two additional reactor plants at the Vogtle Electric Generating Plant site near Waynesboro, Georgia. Southern Nuclear Operating Company submitted an application for this ESP on August 14, 2006. The application can be found on the NRC website at <http://www.nrc.gov/reactors/new-licensing/esp/vogtle.html> <<http://www.nrc.gov/reactors/new-licensing/esp/vogtle.html>> .

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The Barton site is at the intersection of Elmore, Coosa, and Chilton Counties and the Farley site is in northeastern Houston County on the Chattahoochee River. Since we must evaluate impacts to surrounding environments, I would like to request GIS spatial data layers for all T&E species found in the following Alabama Counties: Elmore, Coosa, Chilton, Autauga, Houston, and Henry. We have made a similar request of the Georgia DNR and have been able to establish a data use agreement to enable the sharing of these sensitive data.

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Thanks for your assistance and please email/phone me with any questions you may have.

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Hearing Identifier: Vogtle_Public
Email Number: 443

Mail Envelope Properties (46B199C1.HQGWDO01.TWGWPO04.200.200000C.1.E412D.1)

Subject: FW: Request for Alabama T&E species distribution data
Creation Date: 7/30/2007 1:00:24 PM
From: "^PNNL NRC Vogtle" <nrc.vogtle@pnl.gov>

Created By: nrc.vogtle@pnl.gov

Recipients
<VOGTLE_EIS@nrc.gov>

Post Office
TWGWPO04.HQGWDO01

Route
nrc.gov

Files	Size	Date & Time
MESSAGE	10345	7/30/2007 1:00:24 PM
TEXT.htm	44057	8/2/2007 8:45:53 AM
Six_co.pdf	38178	8/2/2007 8:45:53 AM
Six_co.rtf	97867	8/2/2007 8:45:53 AM
Mime.822	247318	8/2/2007 8:45:53 AM

Options
Priority: Standard
Reply Requested: No
Return Notification: None
None

Concealed Subject: No
Security: Standard

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ALABAMA'S FEDERALLY LISTED AND STATE PROTECTED SPECIES (BY COUNTY)

This is a list of species deemed sensitive by the Alabama State Lands Division's Natural Heritage Section (SLD-NHS) believed to occur in the designated county and the legal protection status of either State protected or federally listed. This list is a combination of the August 2006 U.S.F.W. Service (Daphne field Office) federally listed species by county list and the Alabama State Lands Division's Natural Heritage Section Database of species distributions data. This list is continually being updated, and, therefore, it may be incomplete or inaccurate and is provided strictly for informational purposes. It does not constitute any form of Section 7 consultation. We recommend that the U.S.F.W. Service Field Office in Daphne be contacted for Section 7 consultations. Site specific information can be provided by the Alabama SLD-NHS and/or the U.S.F.W. Service (Daphne field Office) prior to project activities. To be certain of occurrence, surveys should be conducted by qualified biologists to determine if a sensitive species occurs within a project area. Species not listed for a given county does not imply that they do not occur there, only that their occurrence there is as yet unrecorded by these two agencies.

AUTAUGA

Protection Status	Common name	Scientific Name	State Regulation Applicable
Endangered	Alabama Sturgeon	Scaphirhynchus suttkusi	220-2-.92 (1) (f)
Endangered	Red-cockaded Woodpecker	Picoides borealis	220-2-.92 (1) (d)
Endangered	Wood Stork	Mycteria americana	220-2-.92 (1) (d)
Endangered	Alabama Canebrake Pitcher-plant	Sarracenia rubra alabamensis	
Threatened	Bald Eagle	Haliaeetus leucocephalus	220-2-.92 (1) (d)
Threatened	Eastern Indigo Snake	Drymarchon couperi	220-2-.92 (1) (c)
Threatened	Price's Potato-bean	Apios priceana	
State Protected	Rafinesque's Big-eared Bat	Corynorhinus rafinesquii	220-2-.92 (1) (e)
State Protected	Southern Hognose Snake	Heterodon simus	220-2-.92 (1) (c)
State Protected	Southeastern Pocket Gopher	Geomys pinetis	220-2-.92 (1) (e)
State Protected	Seal Salamander	Desmognathus monticola	220-2-.92 (1) (b)
State Protected	Paddlefish	Polyodon spathula	220-2-.94
State Protected	Golden Eagle	Aquila chrysaetos	220-2-.92 (1) (d)
State Protected	Crystal Darter	Crystallaria asprella	220-2-.92 (1) (a)
State Protected	American Alligator	Alligator mississippiensis	220-2-.97
State Protected	Southeastern Bat	Myotis austroriparius	220-2-.92 (1) (e)

CHILTON

Protection Status	Common name	Scientific Name	State Regulation Applicable
Endangered	Alabama Canebrake Pitcher-plant	Sarracenia rubra alabamensis	
Endangered	Red-cockaded Woodpecker	Picoides borealis	220-2-.92 (1) (d)
Endangered	Wood Stork	Mycteria americana	220-2-.92 (1) (d)
Threatened	Bald Eagle	Haliaeetus leucocephalus	220-2-.92 (1) (d)
Threatened	Finelined Pocketbook	Hamiota altilis	220-2-.98 (1) (a)

ALABAMA'S FEDERALLY LISTED AND STATE PROTECTED SPECIES (BY COUNTY)

CHILTON

Protection Status	Common name	Scientific Name	State Regulation Applicable
Threatened	Painted Rocksnail	Leptoxis taeniata	220-2-.98 (1) (a)
State Protected	Southeastern Bat	Myotis austroriparius	220-2-.92 (1) (e)
State Protected	Seal Salamander	Desmognathus monticola	220-2-.92 (1) (b)
State Protected	Southeastern Pocket Gopher	Geomys pinetis	220-2-.92 (1) (e)
State Protected	Alabama Map Turtle	Graptemys pulchra	220-2-.92 (1) (c)
State Protected	Coldwater Darter	Etheostoma ditrema	220-2-.92 (1) (a)
State Protected	Southern Hognose Snake	Heterodon simus	220-2-.92 (1) (c)
State Protected	Meadow Jumping Mouse	Zapus hudsonius	220-2-.92 (1) (e)

COOSA

Protection Status	Common name	Scientific Name	State Regulation Applicable
Endangered	Red-cockaded Woodpecker	Picoides borealis	220-2-.92 (1) (d)
Endangered	Southern Pigtoe	Pleurobema georgianum	220-2-.98 (1) (a)
Endangered	Tulotoma Snail	Tulotoma magnifica	220-2-.98 (1) (a)
Endangered	Wood Stork	Mycteria americana	220-2-.92 (1) (d)
Threatened	Bald Eagle	Haliaeetus leucocephalus	220-2-.92 (1) (d)
Threatened	Blue Shiner	Cyprinella caerulea	220-2-.92 (1) (a)
Threatened	Finelined Pocketbook	Hamiota altilis	220-2-.98 (1) (a)
Threatened	Kral's Water-plantain	Sagittaria secundifolia	
State Protected	Coldwater Darter	Etheostoma ditrema	220-2-.92 (1) (a)
State Protected	Southeastern Bat	Myotis austroriparius	220-2-.92 (1) (e)
State Protected	Seal Salamander	Desmognathus monticola	220-2-.92 (1) (b)
State Protected	Meadow Jumping Mouse	Zapus hudsonius	220-2-.92 (1) (e)
State Protected	Alligator Snapping Turtle	Macroclmys temminckii	220-2-.92 (1) (c)
State Protected	Alabama Map Turtle	Graptemys pulchra	220-2-.92 (1) (c)
State Protected	Rafinesque's Big-eared Bat	Corynorhinus rafinesquii	220-2-.92 (1) (e)

ELMORE

Protection Status	Common name	Scientific Name	State Regulation Applicable
Endangered	Alabama Canebrake Pitcher-plant	Sarracenia rubra alabamensis	
Endangered	Alabama Sturgeon	Scaphirhynchus suttkusi	220-2-.92 (1) (f)
Endangered	Green Pitcher-plant	Sarracenia oreophila	
Endangered	Red-cockaded Woodpecker	Picoides borealis	220-2-.92 (1) (d)
Endangered	Tulotoma Snail	Tulotoma magnifica	220-2-.98 (1) (a)
Endangered	Wood Stork	Mycteria americana	220-2-.92 (1) (d)

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Threatened	Finelined Pocketbook	<i>Hamiota altilis</i>	220-2-.98 (1) (a)
Threatened	Painted Rocksnail	<i>Leptoxis taeniata</i>	220-2-.98 (1) (a)
Candidate	Interrupted Rocksnail	<i>Leptoxis formani</i>	
Candidate	Rough Hornsnail	<i>Pleurocera foremani</i>	220-2-.98 (1) (a)
Candidate	Georgia Rockcress	<i>Arabis georgiana</i>	
State Protected	Osprey	<i>Pandion haliaetus</i>	220-2-.92 (1) (d)
State Protected	Southeastern Pocket Gopher	<i>Geomys pinetis</i>	220-2-.92 (1) (e)
State Protected	Southeastern Bat	<i>Myotis austroriparius</i>	220-2-.92 (1) (e)
State Protected	Silt Elimia	<i>Elimia haysiana</i>	220-2-.98 (1) (a)
State Protected	Seal Salamander	<i>Desmognathus monticola</i>	220-2-.92 (1) (b)
State Protected	Paddlefish	<i>Polyodon spathula</i>	220-2-.94
State Protected	Spotted Rocksnail	<i>Leptoxis picta</i>	220-2-.98 (1) (a)
State Protected	Meadow Jumping Mouse	<i>Zapus hudsonius</i>	220-2-.92 (1) (e)
State Protected	Crystal Darter	<i>Crystallaria asprella</i>	220-2-.92 (1) (a)
State Protected	Black-knobbed Map Turtle	<i>Graptemys nigrinoda</i>	220-2-.92 (1) (c)
State Protected	American Alligator	<i>Alligator mississippiensis</i>	220-2-.97
State Protected	Alabama Shad	<i>Alosa alabamae</i>	220-2-.92 (1) (a)
State Protected	Alabama Map Turtle	<i>Graptemys pulchra</i>	220-2-.92 (1) (c)
State Protected	Rafinesque's Big-eared Bat	<i>Corynorhinus rafinesquii</i>	220-2-.92 (1) (e)

HENRY

Protection Status	Common name	Scientific Name	State Regulation Applicable
Endangered	Wood Stork	<i>Mycteria americana</i>	220-2-.92 (1) (d)
Endangered	Red-cockaded Woodpecker	<i>Picoides borealis</i>	220-2-.92 (1) (d)
Endangered	Relict Trillium	<i>Trillium reliquum</i>	
Threatened	Bald Eagle	<i>Haliaeetus leucocephalus</i>	220-2-.92 (1) (d)
Candidate	Choctaw Bean	<i>Villosa choctawensis</i>	220-2-.98 (1) (a)
Candidate	Fluted Kidneyshell	<i>Ptychobranchus subtentum</i>	
Candidate	Fuzzy Pigtoe	<i>Pleurobema strodeanum</i>	
Candidate	Southern Sandshell	<i>Lampsilis australis</i>	220-2-.98 (1) (a)
Candidate	Tapered Pigtoe	<i>Quincuncina burkei</i>	
State Protected	Rafinesque's Big-eared Bat	<i>Corynorhinus rafinesquii</i>	220-2-.92 (1) (e)
State Protected	Southern Hognose Snake	<i>Heterodon simus</i>	220-2-.92 (1) (c)

ALABAMA'S FEDERALLY LISTED AND STATE PROTECTED SPECIES (BY COUNTY)

HENRY

Protection Status	Common name	Scientific Name	State Regulation Applicable
State Protected	Southeastern Pocket Gopher	<i>Geomys pinetis</i>	220-2-.92 (1) (e)
State Protected	Southeastern Bat	<i>Myotis austroriparius</i>	220-2-.92 (1) (e)
State Protected	Seal Salamander	<i>Desmognathus monticola</i>	220-2-.92 (1) (b)
State Protected	Barbour's Map Turtle	<i>Graptemys barbouri</i>	220-2-.92 (1) (c)
State Protected	Dusky Gopher Frog	<i>Rana capito sevosa</i>	220-2-.92 (1) (b)
State Protected	Florida pine snake	<i>Pituophis melanoleucus mugitus</i>	220-2-.92 (1) (c)
State Protected	American White Pelican	<i>Pelecanus erythrorhynchos</i>	220-2-.92 (1) (d)
State Protected	American Alligator	<i>Alligator mississippiensis</i>	220-2-.97
State Protected	Gopher Tortoise	<i>Gopherus polyphemus</i>	220-2-.92 (1) (c)

HOUSTON

Protection Status	Common name	Scientific Name	State Regulation Applicable
Endangered	Gulf Moccasinshell	<i>Medionidus penicillatus</i>	
Endangered	Oval Pigtoe	<i>Pleurobema pyriforme</i>	220-2-.98 (1) (a)
Endangered	Shinyrayed Pocketbook	<i>Lampsilis subangulata</i>	220-2-.98 (1) (a)
Endangered	Wood Stork	<i>Mycteria americana</i>	220-2-.92 (1) (d)
Threatened	Gulf Sturgeon	<i>Acipenser oxyrinchus desotoi</i>	220-2-.92 (1) (f)
Threatened	Bald Eagle	<i>Haliaeetus leucocephalus</i>	220-2-.92 (1) (d)
Threatened	Flatwoods Salamander (P)	<i>Ambystoma cingulatum</i>	220-2-.92 (1) (b)
Candidate	Choctaw Bean	<i>Villosa choctawensis</i>	220-2-.98 (1) (a)
Candidate	Southern Sandshell	<i>Lampsilis australis</i>	220-2-.98 (1) (a)
State Protected	Southern Hognose Snake	<i>Heterodon simus</i>	220-2-.92 (1) (c)
State Protected	Alabama Shad	<i>Alosa alabamae</i>	220-2-.92 (1) (a)
State Protected	Alligator Snapping Turtle	<i>Macroclemys temminckii</i>	220-2-.92 (1) (c)
State Protected	American Alligator	<i>Alligator mississippiensis</i>	220-2-.97
State Protected	Barbour's Map Turtle	<i>Graptemys barbouri</i>	220-2-.92 (1) (c)
State Protected	Dusky Gopher Frog	<i>Rana capito sevosa</i>	220-2-.92 (1) (b)
State Protected	Florida pine snake	<i>Pituophis melanoleucus mugitus</i>	220-2-.92 (1) (c)
State Protected	Gopher Tortoise	<i>Gopherus polyphemus</i>	220-2-.92 (1) (c)
State Protected	Rafinesque's Big-eared Bat	<i>Corynorhinus rafinesquii</i>	220-2-.92 (1) (e)
State Protected	Southeastern Bat	<i>Myotis austroriparius</i>	220-2-.92 (1) (e)
State Protected	Southeastern Pocket Gopher	<i>Geomys pinetis</i>	220-2-.92 (1) (e)

ALABAMA'S FEDERALLY LISTED AND STATE PROTECTED SPECIES (BY COUNTY)

Key to codes on list:

Endangered - Federally listed as Endangered	(P) - Possible Occurrence
Threatened - Federally listed as Threatened	(S/A) - Similarity of Appearance to a listed species
Candidate - Candidate Species for federal listing	(PE) - Proposed for federal listing as Endangered
(CH) - Critical Habitat has been designated	(PT) - Proposed for federal listing as Threatened
(PCH) - Critical Habitat has been proposed	(H) - Historically known to have occurred in the county

Experimental - Species is protected throughout its range including Colbert and Lauderdale counties except for the nonessential experimental population. Endangered and Threatened Wildlife and Plants; Establishment of Nonessential

Experimental Population Status for 16 Freshwater Mussels and 1 Freshwater Snail in the Free-Flowing Reach of the

Tennessee River below the Wilson Dam, Colbert and Lauderdale Counties, Alabama. [Federal Register; June 14, 2001

(Volume 66, Number 115)] RIN 1018-AE92

Notes:

- Bald eagle (*Haliaeetus leucocephalus*), red-cockaded woodpecker (*Picoides borealis*) and the American peregrine

falcon (*Falco peregrinus anatum*) may occur in any county, if habitat exists.

- Wood stork: July - October

- Bald eagle: Wintering birds possible in areas with reservoirs.

- Sea turtles: Only loggerhead is potential nester, the rest are in coastal waters.

- Black bear (*Ursus americanus* sp.) - known to exist in Mobile County, but not listed.

-Gulf moccasinshell (*Mediondus penicillatus*), oval pigtoe (*Pleurobema pyriforme*), Chipola slabshell (*El liptio chipolaensis*), and purple bankclimber (*Elliptoideus sloatianus*) are freshwater mussels of the family Unionidae found only

in eastern Gulf Slope streams draining the Apalachicola Region, defined as streams from the Escambia to the Suwannee

river systems, and occurring in southeast Alabama, southwest Georgia, and north Florida. All are listed as "Endangered".

- Fanshell (*Cyprogenia stegaria*), oyster mussel (*Epioblasma capsaeformis*), and Catspaw (purple cat's paw pearlymussel) (*Epioblasma obliquata obliquata*) are historically known to be found in the Tennessee River system and drainage.

-Gentian pinkroot (*Spigelia gentianoides*) has been historically found along the Alabama-Florida border.

-West Indian Manatee (*Trichechus manatus*) has been known to move north along the gulf coast west to Louisiana.

ALABAMA'S FEDERALLY LISTED AND STATE PROTECTED SPECIES (BY COUNTY)

This is a list of species deemed sensitive by the Alabama State Lands Division's Natural Heritage Section (SLD-NHS) believed to occur in the designated county and the legal protection status of either State protected or federally listed. This list is a combination of the August 2006 U.S.F.W. Service (Daphne field Office) federally listed species by county list and the Alabama State Lands Division's Natural Heritage Section Database of species distributions data. This list is continually being updated, and, therefore, it may be incomplete or inaccurate and is provided strictly for informational purposes. It does not constitute any form of Section 7 consultation. We recommend that the U.S.F.W. Service Field Office in Daphne be contacted for Section 7 consultations. Site specific information can be provided by the Alabama SLD-NHS and/or the U.S.F.W. Service (Daphne field Office) prior to project activities. To be certain of occurrence, surveys should be conducted by qualified biologists to determine if a sensitive species occurs within a project area. Species not listed for a given county does not imply that they do not occur there, only that their occurrence there is as yet unrecorded by these two agencies.

AUTAUGA

Protection Status	Common name	Scientific Name	State Regulation Applicable
Endangered	Alabama Sturgeon	Scaphirhynchus suttkusi	220-2-.92 (1) (f)
Endangered	Red-cockaded Woodpecker	Picoides borealis	220-2-.92 (1) (d)
Endangered	Wood Stork	Mycteria americana	220-2-.92 (1) (d)
Endangered	Alabama Canebrake Pitcher-plant	Sarracenia rubra alabamensis	
Threatened	Bald Eagle	Haliaeetus leucocephalus	220-2-.92 (1) (d)
Threatened	Eastern Indigo Snake	Drymarchon couperi	220-2-.92 (1) (c)
Threatened	Price's Potato-bean	Apios priceana	
State Protected	Rafinesque's Big-eared Bat	Corynorhinus rafinesquii	220-2-.92 (1) (e)
State Protected	Southern Hognose Snake	Heterodon simus	220-2-.92 (1) (c)
State Protected	Southeastern Pocket Gopher	Geomys pinetis	220-2-.92 (1) (e)
State Protected	Seal Salamander	Desmognathus monticola	220-2-.92 (1) (b)
State Protected	Paddlefish	Polyodon spathula	220-2-.94
State Protected	Golden Eagle	Aquila chrysaetos	220-2-.92 (1) (d)
State Protected	Crystal Darter	Crystallaria asprella	220-2-.92 (1) (a)
State Protected	American Alligator	Alligator mississippiensis	220-2-.97
State Protected	Southeastern Bat	Myotis austroriparius	220-2-.92 (1) (e)

CHILTON

Protection Status	Common name	Scientific Name	State Regulation Applicable
Endangered	Alabama Canebrake Pitcher-plant	Sarracenia rubra alabamensis	
Endangered	Red-cockaded Woodpecker	Picoides borealis	220-2-.92 (1) (d)
Endangered	Wood Stork	Mycteria americana	220-2-.92 (1) (d)
Threatened	Bald Eagle	Haliaeetus leucocephalus	220-2-.92 (1) (d)
Threatened	Finelined Pocketbook	Hamiota altilis	220-2-.98 (1) (a)

ALABAMA'S FEDERALLY LISTED AND STATE PROTECTED SPECIES (BY COUNTY)

CHILTON

Protection Status	Common name	Scientific Name	State Regulation Applicable
Threatened	Painted Rocksnail	<i>Leptoxis taeniata</i>	220-2-.98 (1) (a)
State Protected	Southeastern Bat	<i>Myotis austroriparius</i>	220-2-.92 (1) (e)
State Protected	Seal Salamander	<i>Desmognathus monticola</i>	220-2-.92 (1) (b)
State Protected	Southeastern Pocket Gopher	<i>Geomys pinetis</i>	220-2-.92 (1) (e)
State Protected	Alabama Map Turtle	<i>Graptemys pulchra</i>	220-2-.92 (1) (c)
State Protected	Coldwater Darter	<i>Etheostoma ditrema</i>	220-2-.92 (1) (a)
State Protected	Southern Hognose Snake	<i>Heterodon simus</i>	220-2-.92 (1) (c)
State Protected	Meadow Jumping Mouse	<i>Zapus hudsonius</i>	220-2-.92 (1) (e)

COOSA

Protection Status	Common name	Scientific Name	State Regulation Applicable
Endangered	Red-cockaded Woodpecker	<i>Picoides borealis</i>	220-2-.92 (1) (d)
Endangered	Southern Pigtoe	<i>Pleurobema georgianum</i>	220-2-.98 (1) (a)
Endangered	Tulotoma Snail	<i>Tulotoma magnifica</i>	220-2-.98 (1) (a)
Endangered	Wood Stork	<i>Mycteria americana</i>	220-2-.92 (1) (d)
Threatened	Bald Eagle	<i>Haliaeetus leucocephalus</i>	220-2-.92 (1) (d)
Threatened	Blue Shiner	<i>Cyprinella caerulea</i>	220-2-.92 (1) (a)
Threatened	Finlined Pocketbook	<i>Hamiota altilis</i>	220-2-.98 (1) (a)
Threatened	Kral's Water-plantain	<i>Sagittaria secundifolia</i>	
State Protected	Coldwater Darter	<i>Etheostoma ditrema</i>	220-2-.92 (1) (a)
State Protected	Southeastern Bat	<i>Myotis austroriparius</i>	220-2-.92 (1) (e)
State Protected	Seal Salamander	<i>Desmognathus monticola</i>	220-2-.92 (1) (b)
State Protected	Meadow Jumping Mouse	<i>Zapus hudsonius</i>	220-2-.92 (1) (e)
State Protected	Alligator Snapping Turtle	<i>Macrolemys temminckii</i>	220-2-.92 (1) (c)
State Protected	Alabama Map Turtle	<i>Graptemys pulchra</i>	220-2-.92 (1) (c)
State Protected	Rafinesque's Big-eared Bat	<i>Corynorhinus rafinesquii</i>	220-2-.92 (1) (e)

ELMORE

Protection Status	Common name	Scientific Name	State Regulation Applicable
Endangered	Alabama Canebrake Pitcher-plant	<i>Sarracenia rubra alabamensis</i>	
Endangered	Alabama Sturgeon	<i>Scaphirhynchus suttkusi</i>	220-2-.92 (1) (f)
Endangered	Green Pitcher-plant	<i>Sarracenia oreophila</i>	
Endangered	Red-cockaded Woodpecker	<i>Picoides borealis</i>	220-2-.92 (1) (d)
Endangered	Tulotoma Snail	<i>Tulotoma magnifica</i>	220-2-.98 (1) (a)
Endangered	Wood Stork	<i>Mycteria americana</i>	220-2-.92 (1) (d)

ALABAMA'S FEDERALLY LISTED AND STATE PROTECTED SPECIES (BY COUNTY)

ELMORE

Protection Status	Common name	Scientific Name	State Regulation Applicable
Threatened	Bald Eagle	<i>Haliaeetus leucocephalus</i>	220-2-.92 (1) (d)
Threatened	Finelined Pocketbook	<i>Hamiota altilis</i>	220-2-.98 (1) (a)
Threatened	Painted Rocksnail	<i>Leptoxis taeniata</i>	220-2-.98 (1) (a)
Candidate	Interrupted Rocksnail	<i>Leptoxis formani</i>	
Candidate	Rough Hornsnail	<i>Pleurocera foremani</i>	220-2-.98 (1) (a)
Candidate	Georgia Rockcress	<i>Arabis georgiana</i>	
State Protected	Osprey	<i>Pandion haliaetus</i>	220-2-.92 (1) (d)
State Protected	Southeastern Pocket Gopher	<i>Geomys pinetis</i>	220-2-.92 (1) (e)
State Protected	Southeastern Bat	<i>Myotis austroriparius</i>	220-2-.92 (1) (e)
State Protected	Silt Elimia	<i>Elimia haysiana</i>	220-2-.98 (1) (a)
State Protected	Seal Salamander	<i>Desmognathus monticola</i>	220-2-.92 (1) (b)
State Protected	Paddlefish	<i>Polyodon spathula</i>	220-2-.94
State Protected	Spotted Rocksnail	<i>Leptoxis picta</i>	220-2-.98 (1) (a)
State Protected	Meadow Jumping Mouse	<i>Zapus hudsonius</i>	220-2-.92 (1) (e)
State Protected	Crystal Darter	<i>Crystallaria asprella</i>	220-2-.92 (1) (a)
State Protected	Black-knobbed Map Turtle	<i>Graptemys nigrinoda</i>	220-2-.92 (1) (c)
State Protected	American Alligator	<i>Alligator mississippiensis</i>	220-2-.97
State Protected	Alabama Shad	<i>Alosa alabamae</i>	220-2-.92 (1) (a)
State Protected	Alabama Map Turtle	<i>Graptemys pulchra</i>	220-2-.92 (1) (c)
State Protected	Rafinesque's Big-eared Bat	<i>Corynorhinus rafinesquii</i>	220-2-.92 (1) (e)

HENRY

Protection Status	Common name	Scientific Name	State Regulation Applicable
Endangered	Wood Stork	<i>Mycteria americana</i>	220-2-.92 (1) (d)
Endangered	Red-cockaded Woodpecker	<i>Picoides borealis</i>	220-2-.92 (1) (d)
Endangered	Relict Trillium	<i>Trillium reliquum</i>	
Threatened	Bald Eagle	<i>Haliaeetus leucocephalus</i>	220-2-.92 (1) (d)
Candidate	Choctaw Bean	<i>Villosa choctawensis</i>	220-2-.98 (1) (a)
Candidate	Fluted Kidneyshell	<i>Ptychobranthus subtentum</i>	
Candidate	Fuzzy Pigtoe	<i>Pleurobema strodeanum</i>	
Candidate	Southern Sandshell	<i>Lampsilis australis</i>	220-2-.98 (1) (a)
Candidate	Tapered Pigtoe	<i>Quincuncina burkei</i>	
State Protected	Rafinesque's Big-eared Bat	<i>Corynorhinus rafinesquii</i>	220-2-.92 (1) (e)
State Protected	Southern Hognose Snake	<i>Heterodon simus</i>	220-2-.92 (1) (c)

ALABAMA'S FEDERALLY LISTED AND STATE PROTECTED SPECIES (BY COUNTY)

HENRY

Protection Status	Common name	Scientific Name	State Regulation Applicable
State Protected	Southeastern Pocket Gopher	<i>Geomys pinetis</i>	220-2-.92 (1) (e)
State Protected	Southeastern Bat	<i>Myotis austroriparius</i>	220-2-.92 (1) (e)
State Protected	Seal Salamander	<i>Desmognathus monticola</i>	220-2-.92 (1) (b)
State Protected	Barbour's Map Turtle	<i>Graptemys barbouri</i>	220-2-.92 (1) (c)
State Protected	Dusky Gopher Frog	<i>Rana capito sevosa</i>	220-2-.92 (1) (b)
State Protected	Florida pine snake	<i>Pituophis melanoleucus mugitus</i>	220-2-.92 (1) (c)
State Protected	American White Pelican	<i>Pelecanus erythrorhynchos</i>	220-2-.92 (1) (d)
State Protected	American Alligator	<i>Alligator mississippiensis</i>	220-2-.97
State Protected	Gopher Tortoise	<i>Gopherus polyphemus</i>	220-2-.92 (1) (c)

HOUSTON

Protection Status	Common name	Scientific Name	State Regulation Applicable
Endangered	Gulf Moccasinshell	<i>Medionidus penicillatus</i>	
Endangered	Oval Pigtoe	<i>Pleurobema pyriforme</i>	220-2-.98 (1) (a)
Endangered	Shinyrayed Pocketbook	<i>Lampsilis subangulata</i>	220-2-.98 (1) (a)
Endangered	Wood Stork	<i>Mycteria americana</i>	220-2-.92 (1) (d)
Threatened	Gulf Sturgeon	<i>Acipenser oxyrinchus desotoi</i>	220-2-.92 (1) (f)
Threatened	Bald Eagle	<i>Haliaeetus leucocephalus</i>	220-2-.92 (1) (d)
Threatened	Flatwoods Salamander (P)	<i>Ambystoma cingulatum</i>	220-2-.92 (1) (b)
Candidate	Choctaw Bean	<i>Villosa choctawensis</i>	220-2-.98 (1) (a)
Candidate	Southern Sandshell	<i>Lampsilis australis</i>	220-2-.98 (1) (a)
State Protected	Southern Hognose Snake	<i>Heterodon simus</i>	220-2-.92 (1) (c)
State Protected	Alabama Shad	<i>Alosa alabamae</i>	220-2-.92 (1) (a)
State Protected	Alligator Snapping Turtle	<i>Macrolemys temminckii</i>	220-2-.92 (1) (c)
State Protected	American Alligator	<i>Alligator mississippiensis</i>	220-2-.97
State Protected	Barbour's Map Turtle	<i>Graptemys barbouri</i>	220-2-.92 (1) (c)
State Protected	Dusky Gopher Frog	<i>Rana capito sevosa</i>	220-2-.92 (1) (b)
State Protected	Florida pine snake	<i>Pituophis melanoleucus mugitus</i>	220-2-.92 (1) (c)
State Protected	Gopher Tortoise	<i>Gopherus polyphemus</i>	220-2-.92 (1) (c)
State Protected	Rafinesque's Big-eared Bat	<i>Corynorhinus rafinesquii</i>	220-2-.92 (1) (e)
State Protected	Southeastern Bat	<i>Myotis austroriparius</i>	220-2-.92 (1) (e)
State Protected	Southeastern Pocket Gopher	<i>Geomys pinetis</i>	220-2-.92 (1) (e)

ALABAMA'S FEDERALLY LISTED AND STATE PROTECTED SPECIES (BY COUNTY)

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- Wood stork: July - October

- Bald eagle: Wintering birds possible in areas with reservoirs.

- Sea turtles: Only loggerhead is potential nester, the rest are in coastal waters.

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- Gulf moccasinshell (*Mediondus penicillatus*), oval pigtoe (*Pleurobema pyriforme*), Chipola slabshell (*El liptio chipolaensis*), and purple bankclimber (*Elliptoideus sloatianus*) are freshwater mussels of the family Unionidae found only

in eastern Gulf Slope streams draining the Apalachicolan Region, defined as streams from the Escambia to the Suwannee

river systems, and occurring in southeast Alabama, southwest Georgia, and north Florida. All are listed as "Endangered".

- Fanshell (*Cyprogenia stegaria*), oyster mussel (*Epioblasma capsaeformis*), and Catspaw (purple cat's paw pearlymussel) (*Epioblasma obliquata obliquata*) are historically known to be found in the Tennessee River system and drainage.

-Gentian pinkroot (*Spigelia gentianoides*) has been historically found along the Alabama-Florida border.

-West Indian Manatee (*Trichechus manatus*) has been known to move north along the gulf coast west to Louisiana.