The Nature Conservancy
SAVING THE LAST GREAT PLACES ON EARTH
Alabama Natural Heritage Program℠

Middle Coosa River, Upper Coosa River, Eightmile Creek, and Cotaco Creek Watersheds Nonpoint Source Prioritization Project

Volume 2: Middle and Upper Coosa River Watersheds – Appendices

A Final Report Prepared for

Alabama Department of Environmental Management

By the

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Middle Coosa River, Upper Coosa River, Eightmile Creek, and Cotaco Creek Watersheds
Nonpoint Source Prioritization Project
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Volume 2. Middle and Upper Coosa River Watersheds – Appendices

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APPENDIX A. Definition of terms.

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achene – A hard, dry, 1-seeded fruit that remains closed and does not shed its seed. (Godfrey & Wooten 1979)

aperture – The opening in the shell of a gastropod, through which the snail emerges. (Wikipedia 2004)

aquatic – Growing, living in, or frequenting water.

biological diversity (or biodiversity) – The diversity of life in all its forms at all levels of organization and its processes, which includes the abundances of living organisms, their genetic diversity, and the communities and ecosystems in which they occur. (Hunter 1990, Dale et al. 2000)

bract – A reduced leaf or small leaflike structure, particularly one subtending a flower or an inflorescence branch. (Godfrey & Wooten 1979)

buffers – Permanent vegetation, preferably consisting of native and locally adapted species, usually in linear bands located between the natural resource of interest and adjacent areas subject to human alteration (may be referred to as a vegetated filter strip in some areas) and intended to ameliorate the impact of the alteration some aspect of the resource (e.g., maintain or improve water quality by trapping and removing various nonpoint source pollutants from both overland and shallow subsurface flow). (Castelle et al. 1994, Fischer and Fischenich 2000)

cantonment area – A group of barracks and other facilities, at specific geographical locations, intended to support military occupation and activities.

community – A group of interacting plants and animals inhabiting a given area. (Smith 1990)

conglutinate – A mass of glochidia bound together in a gelatinous/mucous mass, often resembling prey items of potential host fish such as aquatic insect larvae, larval fish, fish eggs, or various worms. (Parmalee and Bogan 1998)

conservation – The use of natural resources in ways such that they remain viable for future generations.

copepod – Minute aquatic crustaceans (marine or fresh-water) usually having six pairs of limbs on the thorax; a form of plankton. (Webster 2004, Wikipedia 2004).

corridor – A linear strip of habitat that differs from the adjacent land on both sides, connecting otherwise isolated larger remnant habitat patches, and through which organisms may move over time. These landscape features are often referred to as "conservation corridors", "wildlife corridors", or "dispersal corridors." (Forman 1995, Fischer and Fischenich 2000, Fischer et al. 2000)

demographic stochasticity – Uncertainty due to random variations in population birth and death rates in a population due to chance differences experienced by individuals. Even in a constant environment, discrete births and deaths can cause population numbers to vary unpredictably. In small populations, demographic stochasticity can generate a substantial risk of extinction., even if birth rates exceed death rates. (Smith 1990, Gotelli 1998)

dorsal – The top or back. (Parmalee and Bogan 1998)

easement – a legally enforceable agreement between a landowner and another party to maintain private lands for specified conservation purposes for a set period of time. (Land Trust Alliance 1996)

ecological systems – Ecological systems are dynamic assemblages of native plant and/or animal communities that 1) occur together on the landscape or in the water, 2) are tied together by similar ecological processes (e.g., fire, hydrology), underlying environmental features (e.g., soils, geology), or environmental gradients (e.g., elevation). (The Nature Conservancy 2003)

ecoregion – A relatively large geographic unit of land and water defined by the climate, vegetation, geology, and other ecological and environmental patterns. (The Nature Conservancy 2003)

ecosystem – A functioning unit of nature that combines biotic communities and the abiotic environments with which they interact. Generally used to denote a community of all the species populations that occupy a given area and its nonliving environment. An ecosystem can be a vegetation type, a plant association, a natural community, or a habitat defined by floristics, structure, age, geography, condition, or other ecologically relevant factors. (Odum 1971, LaRoe et al. 1995)

ecosystem good – A good or product obtained from an ecosystem valued as an item with monetary value in the market place. (Christiansen et al. 1996)

ecosystem service – A good, product, or service obtained from an ecosystem valued economically but rarely bought or sold. (Christiansen et al. 1996)

Element – A unit of natural biological diversity. Elements represent species (or infraspecific taxa), natural communities, or other nontaxonomic biological entities (*e.g.,* migratory species aggregation areas, bird rookery, cave). (NatureServe 2002)

Element Occurrence (EO) – An area of land and/or water in which a species or natural community is, or was, present. An EO should have practical conservation value for the Element as evidenced by potential continued (or historical) presence and/or regular recurrence at a given location. For species Elements, the EO often corresponds with the local population, but when appropriate may be a portion of a population (*e.g.*, long distance dispersers) or a group of nearby populations (*e.g.*, metapopulation). For community Elements, the EO may represent a stand or patch of a natural community, or a cluster of stands or patches of a natural community. Because they are defined on the basis of biological information, EOs may cross jurisdictional boundaries. (NatureServe 2002)

Element Occurrence Record (EOR) – The computerized record in the database that contains the biological and locational information regarding a specific EO, as well as an assessment and ranking of the conservation value of that EO against other EOs of its kind. It is a data management tool that has both spatial and tabular components including a mappable feature and its supporting database. (NatureServe 2002)

endemic – Found only in a specified geographic region. (Smith 1990)

environmental stochasticity – Uncertainty due to variation in environmental conditions, such as bad weather or food failure, that affect some aspect of population growth, such as survival or reproduction. (Smith 1990, Gotelli 1998)

exotic species – Nonindigenous species which have been introduced either intentionally or accidentally into areas outside their natural range. (The Nature Conservancy 2003)

extant – Still existing.

extinct – A plant or animal that no longer exists anywhere.

extinction – The dying out of a species, or the condition of having no remaining living members; also the process of bringing about such a condition. (LaRoe et al. 1995)

extirpated – A plant or animal that has been locally eliminated, but is not extinct.

fauna – All the animals of a particular region or a particular era.

flora – All the plants of a particular region or a particular era.

gastropod – A class of mollusks typically having a one-piece coiled shell and flattened muscular foot with a head bearing stalked eyes (snail). (Webster 2004)

genetic drift – Random fluctuations in gene frequency occurring in isolated populations from generation to generation. Genetic drift is the result of chance combinations of different characteristics. (LaRoe et al. 1995)

genotype – The specific genetic makeup of an individual specifying the particular alleles at defined loci in the genome. (Wikipedia 2004)

Geographic Information System (GIS) – An organized assembly of people, data, techniques, hardware, and software for acquiring, analyzing, storing, retrieving, manipulating, and displaying geographically referenced information about the real world. (Burrough and McDonnell 1998, Kennedy 2001)

glabrous – Without hair. (Godfrey & Wooten 1979)

glochidium (pl. glochidia) – The bivalved larvae of freshwater mussels in the superfamily Unionidae which are generally parasitic on the gills of fish. (Parmalee and Bogan 1998)

gravid – Carrying eggs or developing young.

habitat – An area with a combination of resources (like food, cover, water) and environmental conditions (temperature, precipitation, presence or absence of predators and competitors) that promotes occupancy by individuals of a given species (or population) and allows those individuals to survive and reproduce. (Morrison et al. 1998)

historic – An Element Occurrence (EO) where the last observed date is >20 years old. This does not necessarily imply that the Element is no longer extant at this location, but may instead reflect a lack of survey effort at the location since it was last observed (the last survey date of the EOR would indicate if this was true).

impervious surface – any material that prevents the infiltration of water in the soil. (Arnold and Gibbons 1996)

inflated – Moderately to greatly swollen. (Parmalee and Bogan 1998)

inflorescence – An aggregation of flowers occurring clustered together in a particular manner usually characteristic of a particular kind of plant. (Godfrey & Wooten 1979)

instar – A postembryonic developmental stage of arthropods, such as an insect, between two successive molts; also, the arthropod when in that stage of life. (Webster 2004, Wikipedia 2004)

introduced – Refers to any species intentionally or accidentally transported and released into an environment outside of its native range. (also referred to as exotic)

invasive – An introduced species which spreads rapidly once established and has the potential to cause environmental or economic harm. Not all introduced species are invasive.

invertebrate – An animal without an internal skeleton. Examples are insects, spiders, mussels, and snails.

involucre – A group of closely placed bracts that subtend or enclose an inflorescence. (Godfrey & Wooten 1979)

Landsat – Earth orbiting satellites developed by NASA that gather imagery for land-use inventory, geological and mineralogical exploration, crop and forestry assessment, and cartography. (Kennedy 2001)

lateral teeth – The elongated, raised, and interlocking structures along the hinge line of the valve. (Parmalee and Bogan 1998)

latitude – The angular distance along a meridian north or south of the equator, usually measured in degrees (lines of latitude also are called parallels). (Kennedy 2001) The Equator is 0 degrees while the North Pole is 90 degrees north; all latitudes in Alabama are degrees north of the Equator.

longitude – The angular distance, expressed in degrees, minutes, and seconds, of a point on the earth's surface east or west of a prime meridian (usually the Greenwich meridian). All lines of longitude are great circles that intersect the equator and pass through the north and south poles. (Kennedy 2001) Greenwich is 0 degrees while the line directly opposite it (in the Pacific Ocean) is 180 degrees west or east of the Prime Meridian; all longitudes in Alabama are degrees west of the Prime Meridian.

lotic – Running water environments including rivers, creeks, and springs. (Parmalee and Bogan 1998)

matrix – The background ecosystem or land use type in a mosaic, characterized by extensive cover, high connectivity, and/or major control over the landscape functioning. (Forman 1995)

median – The value of a set of observations that is in the exact middle of all the values: one-half the values are above it and one-half are below it. (Gotelli and Ellison 2004)

mollusks – A taxonomic group of invertebrate organisms which includes clams, mussels, snails, and slugs.

native – Naturally-occurring in a specified geographic region.

natural community – Terrestrial plant communities of definite floristic composition, uniform habitat conditions, and uniform physiognomy. Natural communities are defined by the finest level of classification, the "plant association" of the National Vegetation Classification. Like ecological systems, natural plant communities are characterized by both a biotic and abiotic component. (The Nature Conservancy 2003)

Natural Heritage Program – A member program in a network under NatureServe that collects information on biological diversity following the Core Heritage Methodology. These programs gather, manage, and distribute detailed information about biological diversity found within their jurisdictions. Most United States Natural Heritage Programs are within state government agencies, while others are within universities, field offices of The Nature Conservancy, or with other nonprofit organizations.

Neotropical migratory birds – Birds that migrate between breeding grounds in the United States and Canada and wintering grounds in the Neotropics (the Caribbean, Mexico, and southward).

non-vascular plant – A plant without specialized tissues for conducting water and nutrients (ex. mosses).

obligate – Restricted to one particular characteristic mode of life or biologically essential for survival. (LaRoe et al. 1995)

operculum – The lid closing the aperture of gastropods. (Webster 2004)

ostracod – A member of the Ostracoda, an order of tiny marine and freshwater crustaceans with a shrimplike body enclosed in a bivalve shell. (Webster 2004)

peduncle – The stalk of a flower borne singly or the stalk of an inflorescence. (Godfrey & Wooten 1979)

perennial – Living three or more seasons. (Godfrey & Wooten 1979)

periostracum – Exterior or outside layer of the shell. (Parmalee and Bogan 1998)

pinnate – Having a common elongate axis, with branches, lobes, veins, or leaflets arranged divergently on either side. (Godfrey & Wooten 1979)

population – A group of individuals, all of the same species, that live in the same place. Although it is sometimes difficult to define the physical boundaries of a population, the individuals within a population have the potential to reproduce with one another during the course of their lifetimes. (Gotelli 1998)

posterior – Hind or rear. (Parmalee and Bogan 1998)

posterior ridge – A ridge on the exterior of a mussel shell, extending from the umbo to the posterior margin. (Parmalee and Bogan 1998)

pseudocardinal teeth – Triangular-shaped hinge teeth near the anterior-dorsal margin of the shell of bivalves. (Parmalee and Bogan 1998)

rhizome – A horizontal underground stem. (Godfrey & Wooten 1979)

riparian – Of or relating to rivers or streams. (National Research Council 2002)

riparian area – An area of vegetation bordering a watercourse (streams, rivers, and lakes) including the stream bank and adjoining floodplain, which is distinguishable from upland areas in terms of vegetation, soils, and topography. (source?)
Technical Definition (National Research Council 2002) – Riparian areas are transitional between terrestrial and aquatic ecosystems and are distinguished by gradients in biophysical conditions, ecological processes, and biota. They are areas through which surface and subsurface hydrology connect waterbodies with their adjacent uplands. They include those portions or terrestrial ecosystems that significantly influence exchanges of energy and matter with aquatic ecosystems (i.e., a zone of influence). Riparian areas are adjacent to perennial, intermittent, and ephemeral streams, lakes, and estuarine-marine shorelines.

riparian restoration - the process of repairing the condition and functioning of degraded riparian areas. (National Research Council 2002)

scale (geographic) – The relationship between distance on a map and distance on the surface of the earth. Scale may be expressed with distance units (e.g., 1 cm = 1,000 m) or without distance units. (e.g., 1:10,000).

scape – A leafless (or only bracteate) flowering stem arising from below the substrate or from a very short leafy stem. (Godfrey & Wooten 1979)

sexual dimorphism – A condition in which males and females of the same species are morphologically different. (Parmalee and Bogan 1998)

source (of stress) – An extraneous factor, either human (i.e. activities, policies, land uses) or biological (e.g. non-native species), that infringes upon a conservation target in a way that results in stress. (The Nature Conservancy 2003).

species – A group of interbreeding natural populations reproductively isolated (i.e., cannot exchange genetic material) from other such groups; the highest level of biological classification from which organisms can breed and produce fertile offspring under natural conditions. (Brewer 1979, Faaborg 1988)

stress – Something which impairs or degrades the size, condition, or landscape context of a conservation target, resulting in reduced viability. (The Nature Conservancy 2003)

subspecies – The level of biological classification below species; a genetically-distinct group or population from other groups of the same species, usually separated by a barrier, that may show distinct differences. (Faaborg 1988)

taxa – A term used to refer collectively to organisms at different levels of biological classification. For example, species, subspecies, and varieties together may be referred to as taxa.

taxon – The name that is applied to a group in biological classification, for example species, subspecies, or variety. The plural is taxa.

taxonomic group – Used here to refer to organisms at the same level of organization in biological classification; for example phylum, class, or order.

topographic – 1. Having elevation. 2. A map showing relief, often as contour lines, along with other natural and human-made features. 3. Map sheets published by the United States Geological Survey (USGS) in the 7.5-minute (1:24,000 scale) or 15-minute quadrangle series. (Kennedy 2001)

umbo – The dorsally raised, inflated area of the bivalve shell, centrally or anteriorly placed along the dorsal margin of the valve. (Parmalee and Bogan 1998)

unionoid – Refers to any member of the freshwater bivalve mollusks that belong to the superfamily Unionidae. (Parmalee and Bogan 1998)

valve – The right or left half of a mussel shell. (Parmalee and Bogan 1998)

vascular plant – A plant with specialized tissues for conducting water and nutrients.

ventral – The underside or bottom. (Parmalee and Bogan 1998)

vertebrate – An animal with an internal skeleton . Examples are birds, mammals, reptiles, amphibians, and fish.

viable – Able to persist over time or for many generations; self-sustaining.

watershed – Those land areas that catch rain or snow and drain to specific marshes, streams, rivers, lakes, or to ground water; total area above a given point on a stream that contributes water to the flow at that point. (Smith 1990)

watershed management – Managing water resources (both surface water and groundwater) in a watershed or river basin context (rather than in a political or jurisdictional context). It is a holistic approach that addresses multiple sources of pollution within a watershed, such as urban and agricultural runoff, landscape modification, depleted or contaminated groundwater, and introduction of exotic species. (National Research Council 2002)

wetland – Lands transitional between aquatic and terrestrial ecosystems that are covered with water for at least part of the year. (LaRoe et al. 1995)

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APPENDIX B. Definition of Heritage Ranks and Federal and State Listed Species Status.

Definition of Heritage Ranks

The Alabama Natural Heritage Program uses the Heritage ranking system developed by The Nature Conservancy. Each species is assigned two ranks; one representing its rangewide or global status (G) and one representing its subnational, or state, status (S). Species with a rank of 1 are most critically imperiled; those with a rank of 5 are most secure. Rank numbers may be combined when there is uncertainty over the status, but ranges cannot skip more than one rank (e.g., an element may be given a G-rank of G2G3, indicating global status is somewhere between imperiled and vulnerable). For more information regarding Conservation Status Ranks, see http://www.natureserve.org/explorer/ranking.htm#globalstatus

Global Ranking System

Basic Ranks

G1 Critically Imperiled – At very high risk of extinction due to extreme rarity (often 5 or fewer populations), very steep declines, or other factors.

G2 Imperiled – At high risk of extinction due to very restricted range, very few populations (often 20 or fewer), steep declines, or other factors.

G3 Vulnerable – At moderate risk of extinction due to a restricted range, relatively few populations (often 80 or fewer), recent and widespread declines, or other factors.

G4 Apparently Secure – Uncommon but not rare; some cause for long-term concern due to declines or other factors.

G5 Secure – Common; widespread and abundant.

GX Presumed Extinct – Not located despite intensive searches and virtually no likelihood of rediscovery.

GH Historical (Possibly Extinct) – Missing; known from only historical occurrences but still some hope of rediscovery or potential for restoration.

Variant Ranks

GU Unrankable – Currently unrankable due to lack of information or due to substantially conflicting information about status or trends. Whenever possible, the most likely rank is assigned and the question mark qualifier is added (e.g., G2?) to express uncertainty, or a range rank (e.g., G2G3) is used to delineate the limits (range) of uncertainty.

GNR Not ranked to date.

GNA Not Applicable – A conservation status rank is not applicable because the species is not a suitable target for conservation activities.

Rank Qualifiers

? Inexact Numeric Rank – Denotes inexact numeric rank (e.g., G2?)

Q Questionable taxonomy – Taxonomic distinctiveness of this entity at the current level is questionable; resolution of this uncertainty may result in change from a species to a subspecies or hybrid, or the inclusion of this taxon in another taxon, with the resulting taxon having a lower-priority conservation priority.

C Captive or Cultivated Only – At present extant only in captivity or cultivation, or as a reintroduced population not yet established.

State Ranking System

S1 Critically imperiled in Alabama because of extreme rarity (5 or fewer occurrences of very few remaining individuals or acres) or because of some factor(s) making it especially vulnerable to extirpation from Alabama.

S2 Imperiled in Alabama because of rarity (6 to 20 occurrences or few remaining individuals or acres) or because of some factor(s) making it very vulnerable to extirpation from Alabama.

S3 Rare or uncommon in Alabama (on the order of 21 to 100 occurrences).

S4 Apparently secure in Alabama, with many occurrences.

S5 Demonstrably secure in Alabama and essentially "ineradicable" under present conditions.

SX Presumed Extirpated – Species or community is believed to be extirpated from Alabama. Not located despite intensive searches of historical sites and other appropriate habitat, and virtually no likelihood that it will be rediscovered.

SH Historical (Possibly Extirpated) – Species or community occurred historically in Alabama, and there is some possibility that it may be rediscovered. Its presence may not have been verified in the past 20-40 years. A species or community could become SH without such a 20-40 year delay if the only known occurrences in a nation or state/province were destroyed or if searches had been extensive and unsuccessful. The SH rank is reserved for species and natural communities for which some effort has been made to relocate occurrences.

SNR Unranked – Status not yet assessed.

SU Unrankable – Currently unrankable due to lack of information or substantially conflicting information about status or trends.

SE Exotic - An exotic species established in Alabama.

SA Accidental in Alabama, including species (usually birds or butterflies) recorded once or twice or only at very great intervals, hundreds or even thousands of miles outside their usual range; a few of these species may even have bred on the one or two occasions they were recorded.

SNA Not Applicable – A conservation status rank is not applicable because the species is not a suitable target for conservation activities.

SR Reported, but without persuasive documentation which would provide a basis for either accepting or rejecting the report (e.g. misidentified specimen).

SRF Reported in error (falsely), but this error persisted in the literature.

Qualifiers

? Inexact or Uncertain – Denotes inexact or uncertain numeric rank. (The ? qualifies the character immediately preceding it in the S-rank.)

Breeding Status Qualifiers:

B Breeding – Refers to the breeding population of the species in the state

N Nonbreeding – Refers to the non-breeding population of the species in the state.

M Migrant – Migrant species occurring regularly on migration at particular staging areas or concentration spots where the species might warrant conservation attention. Refers to the aggregating transient population of the species in the nation or state/province.

Note: A breeding status is only used for species that have distinct breeding and/or non-breeding populations in Alabama. A breeding-status S-rank can be coupled with its complementary non-breeding-status S-rank if the species also winters in Alabama, and/or a migrant-status S-rank if the species occurs regularly on migration at particular staging areas or concentration spots where the species might warrant conservation attention. The two (or rarely, three) status ranks are separated by a comma (e.g., "S2B,S3N" or "SHN,S4B,S1M").

Infraspecific Taxon Conservation Status Ranks

Infraspecific taxa refer to subspecies, varieties and other designations below the level of the species. Infraspecific taxon status ranks (T-ranks) apply to plants and animal species only; these T-ranks do not apply to ecological communities.

T# Infraspecific Taxon (trinomial) – The status of infraspecific taxa (subspecies or varieties) are indicated by a "T-rank" following the species' global rank. Rules for assigning T-ranks follow the same principles outlined above for global conservation status ranks. For example, the global rank of a critically imperiled subspecies of an otherwise widespread and common species would be G5T1. A T-rank cannot imply the subspecies or variety is more abundant than the species as a whole-for example, a G1T2 cannot occur. A vertebrate animal population, such as those listed as distinct population segments under the U.S. Endangered Species Act, may be considered an infraspecific taxon and assigned a T-rank; in such cases a Q is used after the T-rank to denote the taxon's informal taxonomic status. At this time, the T rank is not used for ecological communities. T ranks are used only on global ranks; the corresponding state rank refers to the infraspecific taxon only.

Rank Criteria, Relationship to Other Status Designations

Ranking is a qualitative process, with multiple factors going into rank decisions. For species elements, the following factors are applied:

1. total number and condition of occurrences (sightings/records) of that species
2. population size
3. range extent and area of occupancy
4. short and long-term trends in the first 3 factors
5. threats to the element
6. fragility of the element

Heritage Ranks are often, but not always comparable to statuses assigned by government agencies. For instance, the Heritage subnational ranking for an endangered species my not be S1. For this reason, Federal and State status is also given for species of conservation concern where possible.

Definitions of Federal and State Listed Species Status

Federal Listed – U.S. Fish and Wildlife Service:

LE Endangered Species – in danger of extinction throughout all or a significant portion of their range.

LT Threatened Species – likely to become an endangered species within the foreseeable future throughout all or a significant portion of their range.

PE Proposed Endangered – the species is proposed to be listed as endangered.

PT Proposed Threatened – the species is proposed to be listed as threatened.

PS Partial Status – an intraspecific taxon or population has federal status but the entire species does not-- status is in only a portion of the species range

C Candidate – Species for which the U.S. Fish and Wildlife Service has on file enough substantial information on biological vulnerability and threat(s) to support proposals to list them as endangered or threatened. Development and publication of proposed rules on Candidate taxa are anticipated, and USFWS encourages other agencies to give consideration to such taxa in environmental planning.

XN Experimental non-essential population – experimental non-essential population

State Protected Status, Alabama – Alabama Dept. of Conservation & Natural Resources, Wildlife & Freshwater Fisheries:

SP State Protected – Species with a state protected status are protected by the Nongame Species Regulation (Section 220-2-.92, page 74-77) and the Invertebrate Species Regulation (section 220-2-.98, pages 77-79) of the Alabama Regulations for 2002-2003 on Game, Fish, and Fur Bearing Animals. Copies of these regulations may be obtained from the Division of Wildlife & Freshwater Fisheries, Alabama Department of Conservation & Natural Resources, 64 North Union Street, Montgomery, AL 36104. A digital version of these regulations is available online at <http://www.dcnr.state.al.us/hunting/regulations/AL-gamefish.pdf> and the list of protected species is posted at <http://www.dcnr.state.al.us/research-mgmt/regulations/reg220-2-92nongame.cfm>.

SP-P Partial State Protected – Species partially protected by regulations in the Alabama Regulations for 2002-2003 on Game, Fish, and Fur Bearing Animals through mechanisms such as size limits.

APPENDIX C. Scales of Biodiversity and Geography

Two concepts of scale underlie the standard TNC approach (called the Five-S Framework) to site conservation applied in this study: (1) biodiversity scale - level of biological organization and (2) geographic or spatial scale. It is important to understand how biodiversity and spatial scale interact and the importance and effect of spatial scale.

Biodiversity can be examined at many levels of biological organization (genes, species, communities, ecosystems, and landscapes), which can occur and function at various spatial scales. The importance of working at the correct spatial scale (as well as temporal and other scales) in relation to the process or biological organizational level of interest has increasingly been emphasized in conservation planning.

The Five-S approach identifies 4 spatial scales (and the corresponding biological scale), with each scale corresponding to a characteristic range in area or stream length; regional, coarse, intermediate, and local scale.

- Regional Scale (Species) – > 404,686 hectares (>1,000,000 acres), migrating long distances
- Coarse Scale (Species, Matrix Communities and Systems) – 8,093 - 404,686 hectares (20,000 - 1,000,000 acres), $\geq 4^{th}$ order and larger river network, > 1,011 ha (> 2,500 ac) lake
- Intermediate Scale (Species, Large Patch Communities and Systems) – 404 - 20,234 hectares (1,000 - 50,000 acres), $1^{st} – 3^{rd}$ order stream network, 101 - 1,011 ha (250 - 2,500 ac) lake
- Local Scale (Species, Small Patch Communities and Systems, Aquatic Macrohabitats) - < 209 hectares (<2,000 acres), < 16 river kilometers (< 10 mi), < 101 ha lake (< 250 ac)

Site conservation planning primarily focuses on biodiversity at the coarse, intermediate, and local scales. Because of the small size of the MCR watershed, regional scale targets were not addressed in the context of this assessment.

APPENDIX D. Extinct and possibly extinct or extirpated species from the Coosa River basin.

Table D-1. Extinct species that once occurred in the Coosa River Basin.

Taxonomic Group	Scientific Name	Common Name
birds	*Conuropsis carolinensis*	Carolina parakeet
birds	*Ectopistes migratorius*	passenger pigeon
mussels	*Alasmidonta mccordi*	Coosa elktoe [a]
snails	*Clappia umbilicata*	umbilicate pebblesnail [a]
snails	*Gyrotoma excisa*	excised slitshell [a]
snails	*Gyrotoma lewisii*	striate slitshell [a]
snails	*Gyrotoma pagoda*	pagoda slitshell [a]
snails	*Gyrotoma pumila*	ribbed slitshell [a]
snails	*Gyrotoma pyramidata*	pyramid slitshell [a]
snails	*Gyrotoma walkeri*	round slitshell [a]
snails	*Neoplanorbis carinatus*	carinate flat-top snail [a]
snails	*Neoplanorbis smithi*	angled flat-top snail [a]
snails	*Neoplanorbis tantillus*	little flat-top snail [a]
snails	*Neoplanorbis umbilicatus*	umbilicate flat-top snail [a]

[a] - Coosa River endemic

Table D-2. Species historically found in the Coosa River that may be extinct. [a]

Taxonomic Group	Scientific Name	Common Name	Global Rank	State Rank
birds	*Vermivora bachmanii*	Bachman's warbler	GH	SX
mussels	*Pleurobema altum*	highnut [b]	GH	SH
mussels	*Pleurobema avellanum*	hazel pigtoe [b]	GH	SH
mussels	*Pleurobema chattanoogaense*	painted clubshell [cd]	G1	S1
mussels	*Pleurobema hanleyianum*	Georgia pigtoe [b]	G1	SH
mussels	*Pleurobema johansis*	Alabama pigtoe [b]	GH	SH
mussels	*Pleurobema murrayense*	Coosa pigtoe [b]	GH	SH
mussels	*Pleurobema nucleopsis*	longnut [b]	GH	SH
mussels	*Pleurobema rubellum*	warrior pigtoe [b]	GH	SH
mussels	*Pleurobema verum*	true pigtoe [b]	GH	SH
snails	*Amphigyra alabamensis*	shoal sprite [c]	GH	SX
snails	*Elimia brevis*	short-spire elimia [c]	GH	SX
snails	*Elimia capillaris*	spindle elimia [c]	G1	S1
snails	*Elimia clausa*	closed elimia [c]	GH	SX
snails	*Elimia fusiformes*	fusiform elimia [c]	GH	SX
snails	*Elimia gibbera*	shouldered elimia [c]	GH	SH
snails	*Elimia hartmanina*	high-spired elimia [c]	GH	SX
snails	*Elimia impressa*	constricted elimia [c]	GH	SX
snails	*Elimia jonesi*	hearty elimia [c]	GH	SX
snails	*Elimia lachryma*	nodulose Coosa River snail [c]	GH	SX
snails	*Elimia laeta*	ribbed elimia [c]	GH	SX
snails	*Elimia macglameriana*	Macglamery's Coosa River snail [c]	GH	SX
snails	*Elimia pilsbryi*	rough-lined elimia [c]	GH	SX
snails	*Elimia pupaeformis*	pupa elimia [c]	GH	SX
snails	*Elimia pupoidea*	bot elimia [b]	GHQ	SH
snails	*Elimia pygmaea*	pygmy elimia [c]	GH	SX
snails	*Elimia vanuxemiana*	cobble elimia [c]	GH	SX
snails	*Leptoxis clipeata*	agate rocksnail [c]	GH	SX
snails	*Leptoxis compacta*	oblong rocksnail [b]	GH	SX
snails	*Leptoxis formosa*	maiden rocksnail [c]	GH	SX
snails	*Leptoxis ligata*	rotund rocksnail [c]	GH	SX
snails	*Leptoxis lirata*	lirate rocksnail	GH	SX
snails	*Leptoxis occultata*	bigmouth rocksnail	GH	SX
snails	*Leptoxis showalterii*	Coosa rocksnail [c]	GH	SX
snails	*Leptoxis torrefacta*	squat rocksnail [c]	GH	SX
snails	*Leptoxis vittata*	striped rocksnail [c]	GH	SX
snails	*Somatogyrus coosaensis*	Coosa pebblesnail		

[a] – Listed as extinct by Mirarchi (2004)
[b] – Mobile River Basin endemic
[c] – Coosa River endemic
[d] – Listed as rare, not extinct, by Mirarchi (2004) but other recent publications list this species as possibly extinct.

Table D-3. Extant species extirpated or possibly extirpated in the Coosa River.

Taxonomic Group	Scientific Name	Common Name	Global Rank	State Rank
birds	*Corvus corax*	common raven	G5	SX
fish	*Acipenser fulvescens*	lake sturgeon	G3	SX
fish	*Etheostoma trisella*	trispot darter	G1	SX
mammals	*Bison bison*	American bison	G4	SX
mammals	*Canis rufus*	red wolf	G1	SX
mammals	*Cervus elaphus*	elk	G5	SX
mammals	*Puma concolor*	mountain lion	G5	SX
mussels	*Epioblasma metastriata*	upland combshell [abc]	GH	SH
mussels	*Epioblasma othcaloogensis*	southern acornshell [bdc]	GHQ	SH
mussels	*Medionidus parvulus*	Coosa moccasinshell [bcd]	G1	S1
mussels	*Pleurobema flavidulum*	yellow pigtoe [ae]	G1Q	SX
snails	*Leptoxis picta*	spotted rocksnail [f]	G1	SH
snails	*Lepyrium showalteri*	flat pebblesnail [f]	G1	S1
snails	*Lioplax cyclostomaformis*	cylindrical lioplax	G1	S1
snails	*Pleurocera foremani*	rough hornsnail	G1Q	S1

[a] – Mobile River Basin endemic
[b] – Listed as endangered by the U.S. Fish and Wildlife Service in 1993 with critical habitat designated in 2004, including units in the MCR watershed. Many consider this species to be extinct.
[c] – listed as extirpated in the state by Mirarchi (2004)
[d] – Coosa River endemic
[e] – listed as extinct by Mirarchi (2004)
[f] – Alabama endemic

APPENDIX E. Alabama Natural Heritage Program[SM] Element Occurrence Records for the Middle Coosa River Watershed.

Table E-1. Alabama Natural Heritage Program[SM] Element Occurrence Records for the Middle Coosa River watershed as of March 2003. Coordinates given are rounded to the nearest minute. The hydrologic unit code (HUC) given is the 3 digit subwatershed code of the 11-digit HUC; all are within the same basin – 03150106. Date last observed is the date the Element was last observed at this location; an historical date does not necessarily mean that the Element no longer occurs there, but may instead reflect a lack of survey effort since.

HUC	Major Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	County, Quad	Town Range	Section	Latitude, Longitude	Date Last Observed	EO Data
010	Vascular Plants	*Sarracenia oreophila*	green pitcher plant	G2	S2	LE		Etowah, Ballplay	011S 008E	18	340500N, 0855000W	07/25/ 2000	Several hundred plants were here formerly, but many were apparently eliminated in the very hot fire in 1990. Numbers are way down according to Cary Norquist.
010	Vascular Plants	*Silphium mohrii*	Mohr's rosinweed	G3?Q	S1			Cherokee, Piedmont NW	012S 009E	20	335900N, 0854300W	07/10/ 1993	Thirty plants were observed.
030	Fish	*Etheostoma ditrema*	coldwater darter	G1G2	S1		SP	Etowah, Glencoe	012S 007E	29	335700N, 0855600W	08/24/ 1994	Mark Bailey visited this site on Oct. 16, 1991 and found no evidence of darters. The habitat had been altered, including removal of all vegetation in the pool. Glencoe Spring was sampled three times between 21 July and 24 August, 1994. A total of 297 darters were collected resulting in an average of 25 darters per seine haul, indicating that a thriving population is present.

Table E-1 Continued.

HUC	Major Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	County, Quad	Town Range	Section	Latitude, Longitude	Date Last Observed	EO Data
030	Vascular Plants	*Dicentra cucullaria*	Dutchman's breeches	G5	S2			Etowah, Glencoe	013S 007E	6	335600N, 0855700W	04/26/ 1968	
030	Vascular Plants	*Viburnum bracteatum*	limerock arrowwood	G1	S1			Etowah, Glencoe	013S 007E	6	335600N, 0855600W	10/03/ 1952	
050	Ecological Feature	AL De Kalb county cave	a cave					De Kalb, Fort Payne			342600N, 0854300W		The cave has a large, walk-in entrance, with Indian burials found in an upper room.
050	Ecological Feature	AL De Kalb county cave	a cave					De Kalb, Portersville AL			341700N, 0855000W		The cave has a stoop or duck-walk entrance.
050	Ecological Feature	AL De Kalb county cave	a cave					De Kalb, Portersville AL			341500N, 0855100W		The cave has 2 stoop or duck-walk entrances.
050	Ecological Feature	AL De Kalb county cave	a cave					De Kalb, Valley Head			343300N, 0853700W		The cave has a stoop or duck-walk entrance.
050	Ecological Feature	AL De Kalb county cave	a cave					De Kalb, Fort Payne			342900N, 0854000W		The cave has an obscure stoop or duck-walk entrance.
050	Amphibian	*Aneides aeneus*	green salamander	G3G4	S3		SP	De Kalb, Leesburg	009S 007E	13	341500N, 0855100W	12/09/ 1966	
050	Diplopoda	*Scoterpes austrinus austrinus*	a cave obligate millipede	G3G4 T3T4	S?			De Kalb, Fort Payne			342600N, 0854300W	1995	Active in 1995, 7 living cavity trees in 1993.
050	Fish	*Cyprinella caerulea*	blue shiner	G2	S1	LT	SP	De Kalb, Portersville	008S 008E	5	342200N, 0854900W	09/11/ 1958	
050	Fish	*Moxostoma* sp. 1	grayfin redhorse	G3	S2			De Kalb, Portersville	008S 008E	05,08	342200N, 0854900W	05/28/ 1976	1 specimen
050	Fish	*Typhlichthys subterraneus*	southern cavefish	G4	S3		SP	De Kalb, Fort Payne	006S 009E	29,30	342900N, 0854300W	03/15/ 1969	Three individuals observed, two were collected.
050	Fish	*Typhlichthys subterraneus*	southern cavefish	G4	S3		SP	De Kalb, Crossville	009S 007E	4	341700N, 0855500W	06/22/ 1968	9 specimens in 1959.
050	Insects	*Litocampa valentinei*	a cave obligate bristletail	G3G4	S?			De Kalb, Dugout Valley			343100N, 0853900W		Peck (1995) reported the species from this cave; no date was given.

Table E-1. Continued.

HUC	Major Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	County, Quad	Town Range	Section	Latitude, Longitude	Date Last Observed	EO Data
050	Insects	*Pseudanophthalmus alabamae*	a ground beetle	G1G2	S?			De Kalb, Fort Payne			342600N, 0854300W		Peck (1995) reported the species from this cave; no date was given.
050	Insects	*Pseudanophthalmus alabamae*	a ground beetle	G1G2	S?			De Kalb, Dugout Valley			343100N, 0853900W		Peck (1995) reported the species from this cave; no date was given.
050	Insects	*Pseudanophthalmus alabamae*	a ground beetle	G1G2	S?			De Kalb, Portersville AL			341500N, 0855100W		Peck (1995) reported the species from this cave; no date was given.
050	Insects	*Pseudanophthalmus alabamae*	a ground beetle	G1G2	S?			De Kalb, Fort Payne			342900N, 0854000W		Peck (1995) reported the species from this cave; no date was given.
050	Insects	*Pseudanophthalmus alabamae*	a ground beetle	G1G2	S?			De Kalb, Portersville AL			341500N, 0855100W		Peck (1995) reported the species from this cave; no date was given.
050	Insects	*Pseudanophthalmus alabamae*	a ground beetle	G1G2	S?			De Kalb, Portersville AL			341700N, 0855000W		Peck (1995) reported the species from this cave; no date was given.
050	Insects	*Pseudanophthalmus alabamae*	a ground beetle	G1G2	S?			De Kalb, Valley Head			343300N, 0853700W		Peck (1995) reported the species from this cave; no date was given.
050	Mammals	*Myotis grisescens*	gray bat	G3	S2	LE	SP	De Kalb, Dugout Valley	006S 009E	13	343100N, 0853900W	07/01/ 1991	Cave was not surveyed 1992-1998. A summer colony of approx. 1000 individuals reportedly inhabits the cave.

Peck, S. B. 1995. The cave fauna of Alabama. Part II: the insects. NSS Bulletin 57:1-19.

Table E-1. Continued.

HUC	Major Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	County, Quad	Town Range	Section	Latitude, Longitude	Date Last Observed	EO Data
050	Mammals	*Myotis grisescens*	gray bat	G3	S2	LE	SP	De Kalb, Portersville	009S 008E	6	341700N, 0855000W	08/09/ 1976	Cave will be investigated in winter of 1999 provided permission can be obtained from landowner. Cave not surveyed 1991-1998 due to landowner denying access. Data provided to TVA by Merlin Tuttle indicate the cave formerly served as a hibernaculum. 1988-02-07: Bill Torode (NSS) stated that while remapping the cave, he saw only two small brown bats and no guano. He said the cave did not look like it had ever been a bat cave. He mentioned an upper level that they were unable to reach, and said there might be a passage beyond. 1976: Data provided to TVA by Merlin Tuttle indicate the cave formerly served as a hibernaculum.

Table E-1. Continued.

HUC	Major Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	County, Quad	Town Range	Section	Latitude, Longitude	Date Last Observed	EO Data
050	Mammals	*Myotis grisescens*	gray bat	G3	S2	LE	SP	De Kalb, Portersville	008S 008E	29	341900N, 0854900W	07/01/ 1992	1998: Planned survey canceled due to inclement weather. Cave was not surveyed 1993-1996. 1992-07-01: 16 bats counted. 1991-06-30: ALNHP census (Best, Miller, Sankaran) data: only 4 bats (species unknown) observed exiting. Data provided to TVA by M. Tuttle in 1976 indicate this cave was once used as a bachelor colony.
050	Snails	*Antrorbis breweri*	Manitou cavesnail	G1	S1			De Kalb, Fort Payne	007S 009E	18	342600N, 0854300W	09/16/ 1988	Cavernicolous species not found in epigean spring which flows from cave. Found in cave interior in stream among rubble, natural breakdowns, and loose bricks. Manitou Cave was formerly a commercial cave.
050	Vascular Plants	*Talinum mengesii*	Menge's fame-flower	G3	S2S3			De Kalb, Dugout Valley	006S 009E	24	343000N, 0853900W	07/11/ 1956	
050	Vascular Plants	*Trillium decumbens*	decumbent trillium	G4	S3S4			De Kalb, Portersville	009S 007E	11	341600N, 0855200W	03/23/ 1956	Petals dark-purple. Type locality.
050	Vascular Plants	*Viola canadensis*	Canada violet	G5	S2			De Kalb, Valley Head	005S 010E	29	343400N, 0853600W	04/28/ 1979	Abundant in mixed woods.
070	Amphibian	*Plethodon websteri*	Webster's salamander	G3	S2			Etowah, Howelton	011S 004E	25	340300N, 0861100W		1967-07-15: 3 specimens collected (AUM 15391).

Table E-1. Continued.

HUC	Major Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	County, Quad	Town Range	Section	Latitude, Longitude	Date Last Observed	EO Data
070	Insects	*Speyeria diana*	Diana	G3	S2?			Etowah, Howelton	012S 004E	12	340100N, 0861100W	08/10/ 2000	2000-08-10: 2 male butterflies were observed.
070	Vascular Plants	*Aplectrum hyemale*	puttyroot	G5	S2			Etowah, Howelton	012S 004E	12	340100N, 0861100W	03/31/ 2000	Between 50-100 plants have been observed.
070	Vascular Plants	*Aralia racemosa*	American spikenard	G4G5	S1			Etowah, Howelton	012S 004E	12	340000N, 0861100W	08/1999	Over 100 plants were observed.
070	Vascular Plants	*Asplenium trichomanes*	maidenhair spleenwort	G5	S2S3			Etowah, Howelton	012S 004E	12	340000N, 0861000W	03/31/ 2000	2000-03-31: Between 100 and 1000 plants observed.
070	Vascular Plants	*Aster georgianus*	Georgia aster	G2G3	S2S3	C		Etowah, Dunaway Mountain	012S 005E	14	340000N, 0860600W	10/24/ 1978	Rays azure. Area searched 93-10-15, no plants found.
070	Vascular Plants	*Celastrus scandens*	climbing bittersweet	G5	S2			Etowah, Howelton	012S 004E	12	340100N, 0861100W	08/10/ 2000	2000-08-19: approx. 40 low-growing vines were observed. No evidence of reproduction was apparent. 1999-08: approx. 51-100 plants observed.
070	Vascular Plants	*Clematis socialis*	Alabama leather-flower	G1	S1	LE		Etowah, Dunaway Mountain	012S 005E	14	335900N, 0860500W	05/22/ 2001	100-200 plants
070	Vascular Plants	*Croomia pauciflora*	croomia	G3	S2			Etowah, Howelton	011S 004E	25	340300N, 0861100W	04/13/ 1969	Sandy loam of rocky woods by stream,...Perianth green. Plants forming extensive clones from rhizomes.
070	Vascular Plants	*Croomia pauciflora*	croomia	G3	S2			Etowah, Howelton	012S 004E	12	340100N, 0861100W	03/31/ 2000	2000-03-31: population likely encompasses more than 10,000 stems that grow over several acres.
070	Vascular Plants	*Erythronium umbilicatum*	dimpled fawn-lily	G5	S?			Etowah, Howelton	012S 004E	12	340100N, 0861000W	03/20/ 2000	No EODATA given.

Table E-1. Continued.

HUC	Major Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	County, Quad	Town Range	Section	Latitude, Longitude	Date Last Observed	EO Data
070	Vascular Plants	*Listera australis*	southern twayblade	G4	S2			Etowah, Howelton	012S 004E	12	340000N, 0861100W	04/1999	1999-04: 18 flowering plants were observed.
070	Vascular Plants	*Monarda clinopodia*	basil bee-balm	G5	S2			Etowah, Howelton	012S 004E	12	340000N, 0861100W	08/1999	1999-08: 1-10 plants in flower, fruit.
070	Vascular Plants	*Orobanche uniflora*	one-flower broomrape	G5	S2			Etowah, Howelton	012S 004E	12	340000N, 0861100W	04/06/ 1998	Between 11-50 plants.
070	Vascular Plants	*Orobanche uniflora*	one-flower broomrape	G5	S2			Etowah, Howelton	012S 004E	12	340100N, 0861100W	04/06/ 1998	Between 11-50 plants.
070	Vascular Plants	*Trillium decumbens*	decumbent trillium	G4	S3S4			Etowah, Howelton	012S 004E	12	340000N, 0861100W	03/20/ 2000	Over 1,000 plants observed.
070	Vascular Plants	*Trillium flexipes*	nodding trillium	G5	S2S3			Etowah, Howelton	012S 004E	12	340100N, 0861000W	03/20/ 2000	Over 100 plants in bud.
070	Vascular Plants	*Triosteum angustifolium*	yellowleaf tinker's-weed	G5	S1			Etowah, Howelton	012S 004E	12	340100N, 0861100W	08/1999	Between 100-1,000 plants.
080	Natural Communities	*Bigelowia nuttallii - Coreopsis pulchra - Liatris microcephala*	sandstone glade	G2?	S2			Etowah, Gadsden West	011S 006E	29	340300N, 0860200W	12/08/ 1993	Over a dozen individuals.
080	Natural Communities	*Bigelowia nuttallii - Coreopsis pulchra - Liatris microcephala*	sandstone glade	G2?	S2			Etowah, Gadsden West	011S 006E	29	340300N, 0860100W	12/08/ 1993	
080	Natural Communities	*Bigelowia nuttallii - Coreopsis pulchra - Liatris microcephala*	sandstone glade	G2?	S2			Etowah, Gadsden West	001S 006E	29	340200N, 0860100W	12/08/ 1993	Over a dozen individuals scattered across sandstone.
080	Vascular Plants	*Asplenium bradleyi*	Bradley's spleenwort	G4	S2			Etowah, Gadsden West	011S 006E	29	340200N, 0860100W	09/25/ 1989	Infrequent in crevices of sandstone rock, rachis black-brown below, becoming green distally (9/89).
080	Vascular Plants	*Asplenium ruta-muraria*	wall rue spleenwort	G5	S2			Etowah, Gadsden West	011S 005E	25	340200N, 0860300W	07/01/ 1877	
080	Vascular Plants	*Bigelowia nuttallii*	Nuttall's rayless goldenrod	G3G4	S3			Etowah, Gadsden West	001S 006E	29	340200N, 0860100W	12/08/ 1993	Over a dozen individuals scattered across sandstone.
080	Vascular Plants	*Bigelowia nuttallii*	Nuttall's rayless goldenrod	G3G4	S3			Etowah, Gadsden West	011S 006E	29	340300N, 0860200W	12/08/ 1993	Over a dozen individuals.

Table E-1. Continued.

HUC	Major Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	County, Quad	Town Range	Section	Latitude, Longitude	Date Last Observed	EO Data
080	Vascular Plants	*Bigelowia nuttallii*	Nuttall's rayless goldenrod	G3G4	S3			Etowah, Gadsden West	011S 006E	29	340300N, 0860100W	12/8/ 1993	
080	Vascular Plants	*Cuscuta harperi*	Harper's dodder	G2	S2			Etowah, Gadsden West	011S 006E	29	340200N, 0860100W	10/12/ 1997	30 to 35 flowering/ fruiting plants encompassing 6 clumps were observed.
080	Vascular Plants	*Lindernia monticola*	Piedmont pimpernel	G4	S3			Etowah, Gadsden West	011S 006E	29	340200N, 0860100W	04/26/ 1959	Corolla tube violet, the limb white with purplish markings.
080	Vascular Plants	*Trichomanes petersii*	dwarf filmy-fern	G4G5	S2			Etowah, Gadsden West	011S 006E	29	340200N, 0860100W	07/13/ 1949	
100	Reptiles	*Eumeces anthracinus*	coal skink	G5	S3			St Clair, Hyatt Gap	013S 003E	15	335500N, 0861900W	spring 1973	
100	Snails	*Elimia capillaris*	spindle elimia	G1	S1			St Clair, Ashville	014S 004E	5	335000N, 0861600W	08/31/ 1990	
100	Vascular Plants	*Aster georgianus*	Georgia aster	G2G3	S2S3	C		St Clair, Steele	013S 004E	16	335400N, 0861300W	10/14/ 1993	
100	Vascular Plants	*Aster georgianus*	Georgia aster	G2G3	S2S3	C		St Clair, Steele	013S 004E	20	335400N, 0861500W	10/14 /1993	
100	Vascular Plants	*Aster georgianus*	Georgia aster	G2G3	S2S3	C		St Clair, Hyatt Gap	013S 003E	15	335400N, 0861900W	10/14/ 1993	
100	Vascular Plants	*Aster georgianus*	Georgia aster	G2G3	S2S3	C		St Clair, Hyatt Gap	013S 003E	09,10	335500N, 0861900W	10/25/ 1977	
100	Vascular Plants	*Clematis socialis*	Alabama leather-flower	G1	S1	LE		St Clair, Ashville	014S 004E	19	334800N, 0861600W	04/26/ 2000	
100	Vascular Plants	*Clematis socialis*	Alabama leather-flower	G1	S1	LE		St Clair, Ashville	014S 004E	19	334800N, 0861600W	04/30/ 1999	
100	Vascular Plants	*Clematis socialis*	Alabama leather-flower	G1	S1	LE		St Clair, Ashville	014S 004E	17	334900N, 0861500W	05/19/ 1992	
100	Vascular Plants	*Lathyrus venosus*	smooth veiny peavine	G5	S1			St Clair, Hyatt Gap	013S 004E	6	335600N, 0861600W	05/02/ 1996	
100	Vascular Plants	*Ptilimnium costatum*	eastern bishop-weed	G3G4	S1			St Clair, Ashville	014S 003E	23	334800N, 0861800W	07/03/ 1980	
100	Vascular Plants	*Ptilimnium costatum*	eastern bishop-weed	G3G4	S1			St Clair, Ashville	014S 004E	19	334800N, 0861600W	08/15/ 1968	
100	Vascular Plants	*Sabatia capitata*	rose gentian	G2	S2			St Clair, Ashville	014S 004E	17	334900N, 0861500W	07/19/ 1992	
100	Vascular Plants	*Sabatia capitata*	rose gentian	G2	S2			St Clair, Ashville	014S 004E	19	334800N, 0861600W	08/12/ 1997	

Table E-1. Continued.

HUC	Major Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	County, Quad	Town Range	Section	Latitude, Longitude	Date Last Observed	EO Data
100	Vascular Plants	*Silphium trifoliatum* var *latifolium*	rosinweed	G4?T4?	S3			St Clair, Ashville	014S 004E	19	334800N, 0861600W	09/11/ 1993	
100	Vascular Plants	*Trillium decumbens*	decumbent trillium	G4	S3S4			St Clair, Hyatt Gap	013S 004E	6	335600N, 0861600W	05/02/ 1996	
110	Amphibian	*Aneides aeneus*	green salamander	G3G4	S3		SP	St Clair, Hyatt Gap	012S 004E, 012S 003E	31, 36	335700N, 0861600W	11/01/ 1967	
110	Vascular Plants	*Lilium canadense*	Canada lily	G5	S1			St Clair, Hyatt Gap	012S 004E	19	335800N, 0861500W	06/09/ 2000	
110	Vascular Plants	*Lysimachia fraseri*	Fraser's loosestrife	G2	S1			St Clair, Hyatt Gap	012S 003E	36	335700N, 0861700W	05/31/ 1972	
130	Vascular Plants	*Dicentra cucullaria*	Dutchman's breeches	G5	S2			Etowah, Glencoe	013S 006E	12	335500N, 0855800W	03/22/ 1984	
130	Vascular Plants	*Euonymus atropurpureus*	wahoo	G5	S3			Etowah, Glencoe	013S 006E	12	335500N, 0855800W	05/21/ 1976	
130	Vascular Plants	*Triosteum angustifolium*	yellowleaf tinker's-weed	G5	S1			Etowah, Glencoe	013S 006E	12	335500N, 0855800W	04/28/ 1970	
140	Vascular Plants	*Aster georgianus*	Georgia aster	G2G3	S2S3	C		St Clair, Ashville	014S 003E	36	334700N, 0861700W	10/14/ 1993	
150	Snails	*Elimia chiltonensis*	prune elimia	G1	S1			St Clair, Ohatchee	014S 005E	21	334800N, 0860700W	10/31/ 1992	
150	Vascular Plants	*Scutellaria alabamensis*	Alabama skullcap	G2	S2			St Clair, Ashville	014S 003E	36	334600N, 0861700W		
160	Snails	*Tulotoma magnifica*	Alabama livebearing snail	G1	S1	LE	SP	St Clair, Calhoun, Ohatchee	014S 006E	31	334800N, 0860100W	07/11/ 1990	
170	Amphibian	*Desmognathus aeneus*	seepage salamander	G3G4	S3			Calhoun, Jacksonville West	013S 007E	35	335100N, 0855200W	04/05/ 1967	
170	Fish	*Etheostoma ditrema*	coldwater darter	G1G2	S1		SP	Calhoun, Wellington	014S 007E	29	334700N, 0855600W	09/01/ 1967	3 specimens. Now inundated by Weiss Lake.
170	Reptiles	*Heterodon simus*	southern hognose snake	G2	SH		SP	Calhoun, Jacksonville West	014S 008E	1	335100N, 0854500W	09/27/ 1968	
170	Reptiles	*Pituophis melanoleucus melanoleucus*	northern pine snake	G4T4	S3			Calhoun, Jacksonville West	014S 008E	35	334600N, 0854600W	04/27/ 1970	

Table E-1. Continued.

HUC	Major Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	County, Quad	Town Range	Section	Latitude, Longitude	Date Last Observed	EO Data
170	Vascular Plants	*Cypripedium acaule*	pink lady's-slipper	G5	S3			Calhoun, Anniston	015S 008E	12	334400N, 0854500W	10/21/ 1992	At least 16 2-leaved plants observed, several of which were in fruit.
170	Vascular Plants	*Echinacea pallida*	pale-purple coneflower	G4	S2			Calhoun, Anniston	015S 008E	10	334500N, 0854700W	5/23/ 1979	Locally common.
170	Vascular Plants	*Gentiana villosa*	striped gentian	G4	S3			Calhoun, Jacksonville East	014S 009E	7	335000N, 0854400W	11/1/ 1986	
170	Vascular Plants	*Juniperus communis*	ground juniper	G5	S1			Calhoun, Choccolocco	015S 009E	18	334400N, 0854400W	12/6/ 1990	Approximately 40 individuals present, scattered on south-facing edge of slope at around 1800 feet elevation. Plants prostrate, trailing. Evergreen. Some plants yellowing, perceived to be a sign of drought stress. Longleaf pine and blackjack oak are dominant overstory trees.
170	Vascular Plants	*Monotropa hypopithys*	pinesap	G5	S2			Calhoun, Eulaton	015S 007E	7	334500N, 0855700W	4/8/ 1993	Plants are scattered in low, wet woods.
170	Vascular Plants	*Platanthera integrilabia*	white fringeless orchid	G2G3	S2	C		Calhoun, Anniston	015S 008E	12	334400N, 0854500W	10/21/ 1992	Three plants observed in fruit in 1992. A search by Chris Oberholster and Bill Garland on 8/4/93 failed to locate any flowering or fruiting, but this may have been due to plants having been browsed.
170	Vascular Plants	*Scutellaria alabamensis*	Alabama skullcap	G2	S2			Calhoun, Eulaton	015S 006E	24 24	334500N, 0855500W	6/25/ 1993	No estimate of abundance available.

Table E-1. Continued.

HUC	Major Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	County, Quad	Town Range	Section	Latitude, Longitude	Date Last Observed	EO Data
170	Vascular Plants	*Scutellaria alabamensis*	Alabama skullcap	G2	S2			Calhoun, Eulaton	015S 007E	4	334500N, 0855500W	06/23/ 1993	Locally common on this slope.
190	Fish	*Etheostoma ditrema*	coldwater darter	G1G2	S1		SP	Calhoun, Francis Mill	015S 006E	22	334300N, 0860000W	10/11/ 1979	2 specimens collected.
190	Insects	*Cheumatopsyche harwoodi*	caddisfly	G?	S2			Calhoun, Anniston	015S 008E	36	334100N, 0854500W		Collected May-July.
190	Insects	*Heteroplectron americanum*	caddisfly	G?	S2			Calhoun, Anniston	015S 008E	36	334100N, 0854500W		Collected April-June.
190	Insects	*Hydroptila consimilis*	caddisfly	G?	S2S3			Calhoun, Anniston	015S 008E	36	334100N, 0854500W		Collected April-June.
190	Insects	*Hydroptila setigera*	caddisfly	G1	S1			Calhoun, Anniston	015S 008E	36	334100N, 0854500W		1 collection, 1 specimen, collected June.
190	Insects	*Ironoquia punctatissima*	caddisfly	G?	S2			Calhoun, Anniston	015S 008E	36	334100N, 0854500W		Collected October.
190	Insects	*Molanna blenda*	caddisfly	G?	S2			Calhoun, Anniston	015S 008E	36	334100N, 0854500W		Collected April-September.
190	Insects	*Polycentropus carlsoni*	Carlson's polycentropus caddisfly	G1G3	S1			Calhoun, Anniston	015S 008E	36	334100N, 0854500W		Collected June.
190	Insects	*Protoptila maculata*	caddisfly	G?	S2			Calhoun, Eulaton	015S 006E	13	334400N, 0855700W		Collected May, June, September, October.
190	Insects	*Psilotreta frontalis*	caddisfly	G?	S2			Calhoun, Anniston	015S 008E	36	334100N, 0854500W		Collected April-June, October.
190	Insects	*Pycnopsyche gentilis*	caddisfly	G?	S1			Calhoun, Anniston	015S 008E	36	334100N, 0854500W		Adults collected October.
190	Insects	*Pycnopsyche lepida*	caddisfly	G?	S2			Calhoun, Anniston	015S 008E	36	334100N, 0854500W		Collected September-November.
190	Insects	*Pycnopsyche luculenta*	caddisfly	G?	S2			Calhoun, Anniston	015S 008E	36	334100N, 0854500W		Collected June.
190	Insects	*Rhyacophila glaberrima*	caddisfly	G?	S2			Calhoun, Anniston	015S 008E	36	334100N, 0854500W		Collected May, June, September, October.
190	Insects	*Rhyacophila nigrita*	caddisfly	G?	S2			Calhoun, Anniston	015S 008E	36	334100N, 0854500W		Collected April-June.
190	Insects	*Rhyacophila torva*	caddisfly	G?	S2			Calhoun, Anniston	015S 008E	36	334100N, 0854500W		Collected April-June.
190	Insects	*Speyeria diana*	Diana	G3	S2?			Calhoun, Anniston	015S 008E	24	334300N, 0854500W	08/04/ 1993	Two females observed.

Table E-1. Continued.

HUC	Major Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	County, Quad	Town Range	Section	Latitude, Longitude	Date Last Observed	EO Data
190	Insects	*Triaenodes taenia*	Cold Spring triaenodes caddisfly	G?	S1			Calhoun, Anniston	015S 008E	36	334100N, 0854500W		Collected May, June.
190	Mussels	*Villosa nebulosa*	Alabama rainbow	G3	S3			Calhoun, Eulaton	015S 006E	13	334400N, 0855700W		2 fresh dead specimens.
190	Snails	*Elimia gerhardti*	coldwater elimia	G5	S3S4			Calhoun, Eulaton	015S 007E	18	334200N, 0855800W	06/15/ 1993	
190	Snails	*Elimia gerhardti*	coldwater elimia	G5	S3S4			Calhoun, Eulaton	015S 006E	13	334200N, 0855300W	06/15/ 1993	
190	Vascular Plants	*Aster oolentangiensis* var *oolentangiensis*	sky blue aster	G5T5	S1			Calhoun, Choccolocco	015S 009E	18	334300N, 0854400W	09/17/ 1991	Occasional, in dry rocky woodlands on east end of Fort McClellan. Plants seen usually only on driest, sunniest exposures.
190	Vascular Plants	*Equisetum arvense*	field horsetail	G5	S2			Calhoun, Eulaton	015S 006E	13	334400N, 0855700W	05/07/ 1979	Locally abundant.
190	Vascular Plants	*Gentiana saponaria*	soapwort gentian	G5	S3			Calhoun, Anniston	015S 008E	24	334300N, 0854500W	10/20/ 1992	
190	Vascular Plants	*Gentiana saponaria*	soapwort gentian	G5	S3			Calhoun, Eulaton	015S 006E	12	334500N, 0855800W	10/21/ 1992	
190	Vascular Plants	*Marshallia mohrii*	Mohr's Barbara's buttons	G3	S3	LT		Calhoun, Eulaton	015S 066E	22	334200N, 0856000W	06/24/ 1993	At least a few hundred plants scattered over a few acres.
190	Vascular Plants	*Platanthera flava* var *flava*	southern rein orchid	G4T4?Q	S2S3			Calhoun, Eulaton	015S 007E	15	334400N, 0855300W	09/02/ 1992	Several dozen plants occur in the floodplain on the south side of Cane Creek.

Table E-1. Continued.

HUC	Major Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	County, Quad	Town Range	Section	Latitude, Longitude	Date Last Observed	EO Data
190	Vascular Plants	*Platanthera integrilabia*	white fringeless orchid	G2G3	S2	C		Calhoun, Anniston	015S 008E	24	334300N, 0854500W	08/04/ 1993	At least 12 plants observed in fruit on 9/16/92 by Oberholster. 33 plants counted in fruit on 10/20/92 by Chris Oberholster and Jim Godwin (a more systematic count). 252 flowering individuals counted on 8/4/93 by Chris Oberholster and Bill Garland.
190	Vascular Plants	*Sabatia capitata*	rose gentian	G2	S2			Calhoun, Anniston	015S 008E	24	334300N, 0854500W	08/04/ 1993	At least a few hundred plants scattered over several acres.
190	Vascular Plants	*Salix humilis*	tall prairie willow	G5	S2S3			Calhoun, Anniston	015S 008E	24	334300N, 0854500W	08/04/ 1993	A few plants are scattered widely in the cleared area and thin woods behind the targets of the firing range.
190	Vascular Plants	*Trillium lancifolium*	narrow-leaved trillium	G3	S2S3			Calhoun, Eulaton	015S 007E	15	334400N, 0855300W	04/07/ 1993	Thirty-one flowering individuals observed on 93-04-07.
190	Vascular Plants	*Xyris tennesseensis*	Tennessee yellow-eyed grass	G2	S1	LE		Calhoun, Eulaton	015S 006E	13	334400N, 0855700W	09/09/ 1992	Plants are along the wet margins of Willett Spring pool. At least a hundred plants were noted on 9/9/92 by Gunn and Oberholster.

Table E-1. Continued.

HUC	Major Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	County, Quad	Town Range	Section	Latitude, Longitude	Date Last Observed	EO Data
190	Vascular Plants	*Xyris tennesseensis*	Tennessee yellow-eyed grass	G2	S1	LE		Calhoun, Eulaton	015S 007E	27	334100N, 0855300W	12/10/ 1992	Plants in a low, wet, clayey roadside swale which is kept mowed. At least several dozen clumps were observed on 12/10/92 by Oberholster.
190	Vascular Plants	*Xyris tennesseensis*	Tennessee yellow-eyed grass	G2	S1	LE		Calhoun, Eulaton	016S 006E	3	334000N, 0856000W	06/07/ 1994	> 300 plants; ca. 100 dried flower heads from last season.
190	Vascular Plants	*Zigadenus leimanthoides*	crow-poison	G4Q	S1			Calhoun, Choccolocco	015S 009E	19	334300N, 0854500W	07/23/ 1991	Observed only half dozen plants in an area roughly 5 m X 2 m, in rocky, slightly seepy area by stream in woods.
200	Snails	*Elimia gerhardti*	coldwater elimia	G5	S3S4			St Clair, Ragland	015S 004E	12	334400N, 0861100W	10/31/ 1992	
200	Vascular Plants	*Aster georgianus*	Georgia aster	G2G3	S2S3	C		St Clair, Wattsville	015S 003E	12	334400N, 0861700W	10/15/ 1993	
200	Vascular Plants	*Aster georgianus*	Georgia aster	G2G3	S2S3	C		St Clair, Wattsville	016S 003E	12	334000N, 0861700W	10/15/ 1993	
200	Vascular Plants	*Equisetum arvense*	field horsetail	G5	S2			Jefferson, Pinson	015S 001W	29	334200N, 0861000W	09/12/ 1998	Few hundred plants were observed.
200	Vascular Plants	*Quercus boyntonii*	running post oak	G1	S1			St Clair, Wattsville	015S 003E	13	334400N, 0861700W	10/13/ 1999	
200	Vascular Plants	*Quercus georgiana*	Georgia oak	G4	S2			St Clair, Wattsville	015S 003E	13	334400N, 0861700W	10/13/ 1999	
240	Amphibian	*Desmognathus aeneus*	seepage salamander	G3G4	S2			Cleburne, Heflin	015S 010E	16	334300N, 0853600W	07/16/ 1967	1967-07-16: 3 juveniles collected by G. Folkerts (AUM 14758).

Table E-1. Continued.

HUC	Major Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	County, Quad	Town Range	Section	Latitude, Longitude	Date Last Observed	EO Data
240	Amphibian	*Desmognathus aeneus*	seepage salamander	G3G4	S2			Cleburne, Piedmont	014S 010E	33	334600N, 0853500W	06/23/ 1971	1971-06-23: Folkerts and Donovan collected ca. 58 specimens from Lake Cheaha tributary (AUM 20411-20419;20421-20469). 1967-07-19: At least 1 specimen collected (AUM 15035).
240	Amphibian	*Desmognathus aeneus*	seepage salamander	G3G4	S2			Cleburne, Heflin	015S 010E	21	334200N, 0853600W	11/28/ 1971	At least 1 specimen collected on 1971-11-28 (AUM 31583), 1971-03-15 (AUM 31292), 1971-04-04 (AUM 20625), 1968-05-09 (AUM 15367), and on 1966-08-13 from a mesic ravine (AUM 15310). Two specimens collected on 1967-07-19 (AUM 15373) and 6 juveniles collected on 1966-08-25 (AUM 15325).
240	Amphibian	*Plethodon websteri*	Webster's salamander	G3	S3			Cleburne, Heflin	015S 010E	21	334200N, 0853600W	1969	Spring 1969: 3 specimens collected by T. E. Yarborough (AUM 11799-11801).
240	Birds	*Picoides borealis*	red-cockaded woodpecker	G3	S2	LE	SP	Calhoun, Choccolocco	015S 009E	13	334300N, 0853900W	09/03/ 1979	

Table E-1. Continued.

HUC	Major Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	County, Quad	Town Range	Section	Latitude, Longitude	Date Last Observed	EO Data
240	Birds	*Picoides borealis*	red-cockaded woodpecker	G3	S2	LE	SP	Calhoun, Jacksonville East, Piedmont SE	014S 010E	30	334700N, 0853800W	1995	13 cavity trees (2 with artificial inserts) as of November 1992. Seven longleaf, 6 loblolly pines. Trees #12 & #6 were active in 1992, colony still considered active in 1995 by D Thurmond.
240	Birds	*Picoides borealis*	red-cockaded woodpecker	G3	S2	LE	SP	Calhoun, Piedmont SE	014S 010E	16	334900N, 0853500W	1995	9 cavity trees, all longleaf. Considered active by D. Thurmond.
240	Birds	*Picoides borealis*	red-cockaded woodpecker	G3	S2	LE	SP	Cleburne, Piedmont SE	014S 010E	15	334800N, 0853500W	1995	Active in 1995, 17 cavity trees in 1993.
240	Fish	*Cyprinella caerulea*	blue shiner	G2	S1	LT	SP	Calhoun, Jacksonville East	014S 009E	23	334700N, 0854000W	05/10/ 1989	Thirteen individuals seined in 1987, "several" in 1984.
240	Fish	*Cyprinella caerulea*	blue shiner	G2	S1	LT	SP	Calhoun, Jacksonville East	014S 009E	24	334800N, 0853900W	07/03/ 1982	Six specimens collected. "males tuberculate with bright blue color; females running eggs on slight pressure."
240	Fish	*Cyprinella caerulea*	blue shiner	G2	S1	LT	SP	Calhoun, Piedmont SE	014S 010E	4	335100N, 0853600W	08/11/ 1966	
240	Fish	*Cyprinella caerulea*	blue shiner	G2	S1	LT	SP	Calhoun, Choccolocco	015S 009E	2	334500N, 0854000W	06/11/ 1974	
240	Fish	*Cyprinella caerulea*	blue shiner	G2	S1	LT	SP	Calhoun, Choccolocco	015S 009E	11	334500N, 0854000W	09/22/ 1970	11 specimens collected in 5 collections.
240	Insects	*Agapetus iridis*	caddisfly	G?	S1			Calhoun, Choccolocco	015S 009E	14	334300N, 0854000W		Collected April, June.
240	Insects	*Agapetus pinatus*	caddisfly	G?	S1			Cleburne, Piedmont SE	014S 010E	24	334700N, 0853300W		1 collection, 2 specimens; collected in May.

Table E-1. Continued.

HUC	Major Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	County, Quad	Town Range	Section	Latitude, Longitude	Date Last Observed	EO Data
240	Insects	*Chimarra augusta*	caddisfly	G?	S1			Cleburne, Piedmont SE	014S 010E	24	334700N, 0853300W		Collected May-July, October.
240	Insects	*Chimarra augusta*	caddisfly	G?	S1			Cleburne, Heflin	015S 010E	16	334300N, 0853600W	08/12/ 1992	Collected May-July, October.
240	Insects	*Dolophilodes major*	caddisfly	G?	S1			Cleburne, Piedmont SE	014S 010E	24	334700N, 0853300W		Collected in May.
240	Insects	*Hydroptila choccolocco*	caddisfly	G1	S1			Calhoun, Jacksonville East	014S 009E	23	334700N, 0854000W		Collected May, June.
240	Insects	*Hydroptila patriciae*	caddisfly	G1	S1			Calhoun, Jacksonville East	014S 009E	23	334700N, 0854000W		Collected May, October.
240	Insects	*Hydroptila talladega*	caddisfly	G?	S1			Cleburne, Piedmont SE	014S 010E	24	334700N, 0853300W		Collected May, June.
240	Insects	*Lepidostoma griseum*	caddisfly	G?	S1			Cleburne, Piedmont SE	014S 010E	10	335000N, 0853500W		1 collection, 3 specimens; collected in October.
240	Insects	*Oxyethira michiganensis*	caddisfly	G?	S1			Cleburne, Heflin	015S 010E	20	334300N, 0853700W		Collected in May, June.
240	Insects	*Pycnopsyche gentilis*	caddisfly	G?	S1			Cleburne, Piedmont SE	014S 010E	10	335000N, 0853500W		Adults collected October.
240	Insects	*Rhyacophila teddyi*	caddisfly	G?	S1			Cleburne, Piedmont SE	014S 010E	35	334600N, 0853300W		Collected May.
240	Insects	*Rhyacophila teddyi*	caddisfly	G?	S1			Cleburne, Piedmont SE	014S 010E	24	334700N, 0853300W		Collected May.
240	Insects	*Triaenodes taenia*	Cold Spring triaenodes caddisfly	G?	S1			Cleburne, Piedmont SE	014S 010E	24	334700N, 0853300W		Collected May, June.
240	Mussels	*Lampsilis altilis*	fine-lined pocketbook	G2	S2	LT	SP	Cleburne, Heflin	015S 010E	20	334300N, 0853700W	10/23/ 1992	3 specimens.
240	Mussels	*Lampsilis altilis*	fine-lined pocketbook	G2	S2	LT	SP	Cleburne, Heflin	015S 010E	16	334300N, 0853600W	08/12/ 1992	5 specimens
240	Mussels	*Pleurobema georgianum*	southern pigtoe	G1	S1	LE	SP	Cleburne, Heflin	015S 010E	20	334300N, 0853700W	10/23/ 1992	1 specimen
240	Mussels	*Pleurobema georgianum*	southern pigtoe	G1	S1	LE	SP	Cleburne, Heflin	015S 010E	16	334300N, 0853600W	08/12/ 1992	
240	Mussels	*Strophitus subvexus*	southern creekmussel	G3	S2			Cleburne, Heflin	015S 010E	16	334300N, 0853600W	08/12/ 1992	9 specimens.
240	Mussels	*Strophitus subvexus*	southern creekmussel	G3	S2			Calhoun, Choccolocco	015S 009E	24	334300N, 0853800W	10/23/ 1992	2 specimens

Table E-1. Continued.

HUC	Major Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	County, Quad	Town Range	Section	Latitude, Longitude	Date Last Observed	EO Data
240	Snails	*Elimia bullula*	snail	G1	S1S2			Cleburne, Heflin	015S 010E	16	334300N, 0853600W	08/12/ 1992	
240	Snails	*Elimia gerhardti*	coldwater elimia	G5	S3S4			Cleburne, Heflin	015S 010E	16	334300N, 0853600W	08/12/ 1992	
240	Snails	*Elimia gerhardti*	coldwater elimia	G5	S3S4			Calhoun, Choccolocco	015S 009E	11	334400N, 0854000W	06/19/ 1992	Snails common. Collected from 0930-1100.
240	Snails	*Elimia gerhardti*	coldwater elimia	G5	S3S4			Cleburne, Piedmont SE	014S 010E	10	335000N, 0853500W	06/30/ 1992	Snails fairly common.
240	Vascular Plants	*Gentiana saponaria*	soapwort gentian	G5	S3			Cleburne, Piedmont SE	014S 010E	21	334700N, 0853600W	10/21/ 1982	
240	Vascular Plants	*Gentiana saponaria*	soapwort gentian	G5	S3			Cleburne, Piedmont SE	014S 010E	35	334600N, 0853300W	10/21/ 1982	
240	Vascular Plants	*Gentiana villosa*	striped gentian	G4	S3			Calhoun, Jacksonville East	014S 009E	8	334900N, 0854300W	11/4/ 1986	
240	Vascular Plants	*Isotria verticillata*	large whorled pogonia	G5	S2			Cleburne, Piedmont SE	014S 010E	26	334700N, 0853300W	05/18/ 1993	2 clumps of 50-100 plants each adjacent to ephemeral drain. Another clump next to camping loop A's bath house. Area recently burned (12/92). All in flower in April; very few observed in fruit in May.
240	Vascular Plants	*Jamesianthus alabamensis*	jamesianthus	G3	S3			Cleburne, Piedmont SE	014S 010E	10	335000N, 0853500W	11/4/ 1992	Approximately 100 stems on west side of Choccolocco Creek along a horse trail, rooted in a sandy substrate.
240	Vascular Plants	*Jamesianthus alabamensis*	jamesianthus	G3	S3			Cleburne, Piedmont SE	014S 010E	10	335000N, 0853500W	11/4/ 1992	Many plants rooted in sandy substrate on E bank of Choccolocco Creek.

Table E-1. Continued.

HUC	Major Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	County, Quad	Town Range	Section	Latitude, Longitude	Date Last Observed	EO Data
240	Vascular Plants	*Jamesianthus alabamensis*	jamesianthus	G3	S3			Calhoun, Piedmont Se	014S 010E	9	334900N, 0853500W		Many stems observed in a widened flat area on E bank of perennial stream that flows into Choccolocco Creek.
240	Vascular Plants	*Parnassia asarifolia*	kidneyleaf grass-of-parnassus	G4	S2			Cleburne, Heflin	015S 010E	9	334500N, 0853600W	06/16/ 1993	
240	Vascular Plants	*Platanthera lacera*	green-fringed orchid	G5	S2			Cleburne, Heflin	015N 010E	9	334400N, 0853500W	06/16/ 1993	Approx. 20 plants.
240	Vascular Plants	*Xerophyllum asphodeloides*	turkeybeard	G4	S1			Calhoun, Choccolocco	015S 009E	13	334300N, 0853900W	05/24/ 1994	Greater than 1,000 plants were observed, of which at least 50% were in flower at the time of survey.
250	Amphibian	*Ambystoma tigrinum*	tiger salamander	G5	S3	PS [a]		Calhoun, Choccolocco	026S 009E	2	334000N, 0854000W		Peck (1989) reported the species from this cave; no date was given.
250	Amphibian	*Ambystoma tigrinum*	tiger salamander	G5	S3	PS [a]		Talladega, Oxford	017S 008E	35	333100N, 0854600W	06/16/ 1978	
250	Amphibian	*Ambystoma tigrinum*	tiger salamander	G5	S3	PS [a]		Calhoun, Eulaton	016S 007E	15	333800N, 0855500W	05/11/ 1974	
250	Amphibian	*Desmognathus aeneus*	seepage salamander	G3G4	S2			Cleburne, Cheaha Mountain	018S 008E	8	332800N, 0854900W	06/23/ 1971	1971-06-23: ca. 24 specimens collected from small drainage to Shoal Creek 0.3 miles N of Shoal Creek/Skyline Drive crossing (AUM 20601-20624). 1968-04-12: species observed and at least 1 specimen collected by G. Folkerts (AUM 14815).

[a] *Ambystoma tigrinum stebbensi*, LE rangewide; Arizona, Mexico

Table E-1. Continued.

HUC	Major Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	County, Quad	Town Range	Section	Latitude, Longitude	Date Last Observed	EO Data
250	Amphibian	*Desmognathus aeneus*	seepage salamander	G3G4	S2			Cleburne, Hollis Crossroads	016S 009E	29	333600N, 0854300W		1968-04-12: species observed and at least 1 specimen collected (AUM 15385).
250	Amphibian	*Rana sylvatica*	wood frog	G5	S3			Cleburne, Oxford	017S 008E	35	333100N, 0854600W	04/12/ 1968	1968-04-12: At least 1 specimen collected by Folkerts (AUM 15504).
250	Amphibian	*Rana sylvatica*	wood frog	G5	S2			Cleburne, Cheaha Mountain	018S 007E	32	332800N, 0855200W	04/21/ 1974	
250	Amphibian	*Rana sylvatica*	wood frog	G5	S2			Cleburne, Cheaha Mountain	018S 008E	2	332900N, 0854700W	09/18/ 1979	
250	Amphibian	*Rana sylvatica*	wood frog	G5	S2			Cleburne, Cheaha Mountain	018S 008E	9	332900N, 0854800W	09/26/ 1979	Adult gravid female
250	Fish	*Cottus paulus*	pygmy sculpin	G1	S1	LT	SP	Calhoun, Munford	016S 007E	29	333600N, 0855600W	07/24/ 1992	Fish are known from the spring, the spring run, and a small adjacent portion of Coldwater Creek. Probably more than 8,000 individuals live in the 1.2-acre spring pool, with more in the spring run. In spring run in 1991, 1,555 estimated in March, 720 in Sept. Population. Estimate for spring pool: 8,126 (August) to 7,609 (September). 192 specimens collected from March-Sept 1991.

Table E-1. Continued.

HUC	Major Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	County, Quad	Town Range	Section	Latitude, Longitude	Date Last Observed	EO Data
250	Fish	*Cyprinella caerulea*	blue shiner	G2	S1	LT	SP	Calhoun, Choccolocco	016S 009E	9	333900N, 0854200W	07/12/ 1986	Two small adults collect (seined) to depth of 3 feet.
250	Fish	*Cyprinella caerulea*	blue shiner	G2	S1	LT	SP	Calhoun, Choccolocco	015S 009E	10	334400N, 0854100W	08/13/ 1983	Eleven *N. caeruleus* collected. Females running eggs on firm pressure.
250	Fish	*Cyprinella caerulea*	blue shiner	G2	S1	LT	SP	Talladega, Eastaboga	017S 006E	17	333300N, 0860200W	09/05/ 1957	
250	Fish	*Cyprinella caerulea*	blue shiner	G2	S1	LT	SP	Calhoun, Hollis Crossroads	016S 009E	19	333700N, 0854400W	10/15/ 1969	1 specimen.
250	Fish	*Etheostoma ditrema*	coldwater darter	G1G2	S1		SP	Calhoun, Munford	016S 007E	29	333600N, 0855600W	04/30/ 1992	7 specimens, 1966; 4,6,1 – 1969; 56, 2 – 1975; 2 – 1979; 6 – 1980; 3,1 – 1964; 10,2 – 1992.
250	Fish	*Etheostoma ditrema*	coldwater darter	G1G2	S1		SP	Calhoun, Munford	016S 007E	32	333600N, 0855500W	08/31/ 1964	9 specimens, 6 specimens.
250	Fish	*Etheostoma ditrema*	coldwater darter	G1G2	S1		SP	Calhoun, Hollis Crossroads	016S 009E	19	333700N, 0854400W	01/27/ 1969	1 specimen.
250	Insects	*Hydroptila talladega*	caddisfly	G?	S1			Calhoun, Choccolocco	015S 009E	19	334300N, 0854400W		Collected May, June.
250	Insects	*Ochrotrichia confusa*	caddisfly	G?	S2			Calhoun, Choccolocco	015S 009E	19	334300N, 0854400W		Collected June.
250	Insects	*Polycentropus carlsoni*	Carlson's polycentropus caddisfly	G1G3	S1			Calhoun, Choccolocco	015S 009E	19	334300N, 0854400W		Collected June.
250	Insects	*Pycnopsyche luculenta*	caddisfly	G?	S2			Calhoun, Choccolocco	015S 009E	19	334300N, 0854400W		Collected June.
250	Insects	*Pycnopsyche virginica*	caddisfly	G?	S1			Calhoun, Munford	016S 007E	29	333600N, 0855600W		1 collection, 1 specimen, collected November.
250	Insects	*Rhyacophila glaberrima*	caddisfly	G?	S2			Calhoun, Choccolocco	015S 009E	19	334300N, 0854400W		Collected June.
250	Insects	*Rhyacophila nigrita*	caddisfly	G?	S2			Calhoun, Choccolocco	015S 009E	19	334300N, 0854400W		Collected April-June.
250	Insects	*Rhyacophila torva*	caddisfly	G?	S2			Calhoun, Choccolocco	015S 009E	19	334300N, 0854400W		Collected April-June.
250	Mussels	*Lampsilis altilis*	fine-lined pocketbook	G2	S2	LT	SP	Calhoun, Choccolocco	015S 009E	10	334400N, 0854100W	07/16/ 1932	1 specimen

Table E-1. Continued.

HUC	Major Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	County, Quad	Town Range	Section	Latitude, Longitude	Date Last Observed	EO Data
250	Reptiles	*Heterodon simus*	southern hognose snake	G2	SH		SP	Calhoun, Munford	016S 007E	20	333700N, 0855400W	04/04/ 1967	
250	Reptiles	*Pituophis melanoleucus melanoleucus*	northern pine snake	G4T4	S3			Calhoun, Choccolocco	015S 009E	21	334300N, 0854200W	05/01/ 1969	
250	Snails	*Elimia bellula*	walnut elimia	G1	S1			Talladega, Eastaboga	017S 006E	17	333300N, 0860200W	06/30/ 1992	Snails abundant.
250	Snails	*Elimia bellula*	walnut elimia	G1	S1			Talladega, Eastaboga	017S 006E	15	333300N, 0860000W	04/16/ 1992	Snails abundant and diverse. Collected from 1340-1540.
250	Snails	*Elimia bellula*	walnut elimia	G1	S1			Talladega, Eastaboga	017S 006E	9	333400N, 0860100W	02/20/ 1987	
250	Snails	*Elimia bullula*	snail	G1	S1S2			Calhoun, Choccolocco	016S 009E	3	334000N, 0854100W	07/19/ 1992	
250	Snails	*Elimia gerhardti*	coldwater elimia	G5	S3S4			Talladega, Eastaboga	017S 006E	9	333400N, 0860100W	02/20/ 1987	
250	Snails	*Elimia gerhardti*	coldwater elimia	G5	S3S4			Calhoun, Choccolocco	016S 009E	3	334000N, 0854100W	07/19/ 1992	
250	Snails	*Elimia gerhardti*	coldwater elimia	G5	S3S4			Talladega, Eastaboga	017S 006E	17	333300N, 0860200W	06/30/ 1992	Snails abundant.
250	Snails	*Elimia gerhardti*	coldwater elimia	G5	S3S4			Talladega, Eastaboga	017S 006E	15	333300N, 0860000W	04/16/ 1992	Snails abundant and diverse. Collected from 1340-1540.
250	Snails	*Leptoxis taeniata*	painted rocksnail	G1	S1	LT	SP	Talladega, Eastaboga	017S 006E	17	333300N, 0860200W	06/30/ 1992	Snails abundant.
250	Vascular Plants	*Gentiana saponaria*	soapwort gentian	G5	S3			Cleburne, Choccolocco	015S 010E	31	333800N, 0854100W	10/20/ 1992	Many stems.
250	Vascular Plants	*Lonicera flava*	yellow honeysuckle	G5?	S3			Calhoun, Anniston	016S 008E	3	334000N, 0854700W	05/19/ 1993	Few individuals scattered on quartzite talus slope.
250	Vascular Plants	*Lysimachia fraseri*	Fraser's loosestrife	G2	S1			Calhoun, Choccolocco	015S 009E	18	334300N, 0854400W	10/22/ 1992	Approximately 150+ stems growing in partial shade in mesic, rocky hardwood forest.
250	Vascular Plants	*Pyrularia pubera*	buffalo-nut	G5	S2			Cleburne, Hollis Crossroads	016S 009E	23	333700N, 0854000W	04/27/ 1979	

Table E-1. Continued.

HUC	Major Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	County, Quad	Town Range	Section	Latitude, Longitude	Date Last Observed	EO Data
260	Amphibian	*Desmognathus aeneus*	seepage salamander	G3G4	S2			Clay, Ironaton, Cheaha Mountain	018S 007E	14	332800N, 0855300W		1968-04-12: 13 juveniles collected by G. Folkerts (AUM 15133).
260	Amphibian	*Plethodon websteri*	Webster's salamander	G3	S3			Clay, Cleburne, Cheaha Mountain	018S 007E	14	332800N, 0855200W	01/21/ 1988	223 specimens collected over a combined 12 collection events from 1971-03-30 to 1988-01-21 (Highton's database). Includes holotype (USNM 204814).
260	Insects	*Agapetus iridis*	caddisfly	G?	S1			Clay, Cheaha Mountain	018S 008E	18	332800N, 0855000W		Collected April, June.
260	Insects	*Cheumatopsyche helma*	Helma's cheumatopsyche caddisfly	G1G3	S1			Clay, Ironaton	018S 007E	14	332800N, 0855300W		Collected May, June.
260	Insects	*Chimarra augusta*	caddisfly	G?	S1			Clay, Ironaton	018S 007E	14	332800N, 0855300W		Collected May-July, October.
260	Snails	*Elimia bullula*	snail	G1	S1S2			Talladega, Eastaboga	017S 006E	33	333100N, 0860100W	07/01/ 1992	
260	Snails	*Elimia crenatella*	lacey elimia	G1	S1	LT	SP	Talladega, Eastaboga	017S 006E	33	333100N, 0860100W	07/01/ 1992	Common in good flow on boulders and large cobble & rubble.
260	Snails	*Elimia crenatella*	lacey elimia	G1	S1	LT	SP	Talladega, Eastaboga	017S 006E	20	333200N, 0860300W	06/30/ 1992	Snails abundant.
260	Snails	*Elimia gerhardti*	coldwater elimia	G5	S3S4			Talladega, Eastaboga	017S 006E	20	333200N, 0860300W	06/30/ 1992	Snails abundant.
260	Snails	*Elimia gerhardti*	coldwater elimia	G5	S3S4			Clay, Cheaha Mountain	018S 007E	13	332700N, 0855200W	07/01/ 1992	
260	Vascular Plants	*Carex decomposita*	cypress-knee sedge	G3	S1			Talladega, Talladega	018S 006E	20	332700N, 0860200W	06/21/ 1980	Perigynia dark brown, plant very cespitose "Rare"
260	Vascular Plants	*Gentiana saponaria*	soapwort gentian	G5	S3			Cleburne, Cheaha Mountain	018S 008E	9	332800N, 0854900W	10/20/ 1982	

Table E-1. Continued.

HUC	Major Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	County, Quad	Town Range	Section	Latitude, Longitude	Date Last Observed	EO Data
260	Vascular Plants	*Lonicera flava*	yellow honeysuckle	G5?	S3			Clay, Cheaha Mountain	018S 008E	16	332800N, 0854900W	04/24/ 1963	
270	Amphibian	*Ambystoma tigrinum*	tiger salamander	G5	S3	PS [a]		Calhoun, Munford	016S 008E	27	333600N, 0855900W	09/27/ 1968	
270	Reptiles	*Heterodon simus*	southern hognose snake	G2	SH		SP	Calhoun, Munford	016S 008E	27	333600N, 0855900W	05/22/ 1968	
270	Snails	*Elimia bellula*	walnut elimia	G1	S1			Talladega, Riverside	017S 005E	9	333400N, 0860800W	10/24/ 1991	
270	Snails	*Elimia gerhardti*	coldwater elimia	G5	S3S4			Talladega, Riverside	017S 005E	9	333400N, 0860800W	10/24/ 1991	
270	Snails	*Leptoxis taeniata*	painted rocksnail	G1	S1	LT	SP	Talladega, Eastaboga	017S 005E	14	333300N, 0860500W	09/21/ 1988	
270	Snails	*Leptoxis taeniata*	painted rocksnail	G1	S1	LT	SP	Talladega, Riverside	017S 005E	9	333400N, 0860800W	10/24/ 1991	
270	Snails	*Tulotoma magnifica*	Alabama livebearing snail	G1	S1	LE	SP	Talladega, Eastaboga	017S 005E	15	333300N, 0860600W	10/24/ 1991	Snail colonies were found along the north bank of the shoal for a distance of about 100m. Two large colonies were found near the head of the shoal (>200/ colony). Downstream, rocks had 1-25 individuals/colony.
270	Vascular Plants	*Hymenocallis coronaria*	shoals spider-lily	G2Q	S2			Talladega, Eastaboga	017S 005E	14	333300N, 0860500W	06/07/ 1997	Visited 1997-06-07; 1989-05-18: Two sub-populations exist; 6-8 small clumps in middle of creek, just E of small island with tall grasses and *Justicia*, and a single clump, 5 X 10 yds that occurs ca 150 yds further downstream.

[a] *Ambystoma tigrinum stebbensi*, LE rangewide; Arizona, Mexico

Table E-1. Continued.

HUC	Major Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	County, Quad	Town Range	Section	Latitude, Longitude	Date Last Observed	EO Data
280	Vascular Plants	*Aster georgianus*	Georgia aster	G2G3	S2S3	C		Talladega, Sleeping Giants	018S 004E	27	332600N, 0861200W	10/14/ 1893	Area searched on 93-10-14 - no plants found. "We went to Renfroe & searched old roads leading into & out of the community, searching particularly near the intersection of the railroad tracks with the roads. No success on 10/14/93."
300	Snails	*Elimia gerhardti*	coldwater elimia	G5	S3S4			St Clair, Cooks Springs	017S 003E	19	333300N, 0862300W	11/03/ 1992	
300	Snails	*Elimia gerhardti*	coldwater elimia	G5	S3S4			St Clair, Cooks Springs	017S 002E	33	333000N, 0862700W	03/14/ 1992	
300	Snails	*Elimia gerhardti*	coldwater elimia	G5	S3S4			St Clair, Cooks Springs	017S 002E	32	333100N, 0862700W	03/14/ 1992	
300	Snails	*Elimia gerhardti*	coldwater elimia	G5	S3S4			St Clair, Cooks Springs	017S 002E	9	333400N, 0862700W	03/14/ 1992	
300	Vascular Plants	*Fothergilla major*	mountain witch-alder	G3	S2			St Clair, Pell City	016S 003E	28	333600N, 0862000W	04/10/ 1977	
300	Vascular Plants	*Lonicera flava*	yellow honeysuckle	G5?	S3			Shelby, Vandiver	018S 001E	9	332900N, 0863300W	04/26/ 1977	Abundant.
300	Vascular Plants	*Quercus boyntonii*	running post oak	G1	S1			St Clair, Cooks Springs	016S 002E	27	333600N, 0862500W	10/09/ 1994	
300	Vascular Plants	*Quercus boyntonii*	running post oak	G1	S1			St Clair, Cooks Springs	016S 002E	27,34	333600N, 0862500W	05/30/ 1994	
300	Vascular Plants	*Quercus boyntonii*	running post oak	G1	S1			St Clair, Cooks Springs	016S 002E	34,35	333600N, 0862500W	10/09/ 1994	
300	Vascular Plants	*Quercus georgiana*	Georgia oak	G4	S2			St Clair, Odenville	016S 002E	24	333800N, 0862300W	09/03/ 1982	
300	Vascular Plants	*Quercus georgiana*	Georgia oak	G4	S2			St Clair, Cooks Springs	016S 002E	27	333600N, 0862500W	05/12/ 1983	
310	Mussels	*Epioblasma othcaloogensis*	southern acornshell	GHQ	SH	LE	SP	Shelby, Vincent	018S 002E	24	332700N, 0862300W	09/26/ 1966	1 specimen.
310	Mussels	*Pleurobema decisum*	southern clubshell	G1G2	S1S2	LE	SP	Shelby, Vincent	018S 002E	24	332700N, 0862300W	09/26/ 1966	13 specimens.
310	Mussels	*Ptychobranchus greenii*	triangular kidneyshell	G1	S1	LE	SP	Shelby, Vincent	018S 002E	24	332700N, 0862300W	09/26/ 1966	18 specimens.

Table E-1. Continued.

HUC	Major Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	County, Quad	Town Range	Section	Latitude, Longitude	Date Last Observed	EO Data
310	Reptiles	*Pituophis melanoleucus melanoleucus*	northern pine snake	G4T4	S3			St Clair, Laniers	018S 003E	18	332800N, 0862200W		
310	Snails	*Elimia gerhardti*	coldwater elimia	G5	S3S4			St Clair, Laniers	018S 003E	29	332600N, 0862100W	07/05/ 1992	
310	Snails	*Pleurocera showalteri*	upland hornsnail	G1Q	S1			St Clair, Laniers	018S 003E	29	332600N, 0862100W	07/05/ 1992	
310	Snails	*Tulotoma magnifica*	Alabama livebearing snail	G1	S1	LE	SP	St Clair, Laniers	018S 003E	29	332600N, 0862100W	09/13/ 1989	
310	Snails	*Tulotoma magnifica*	Alabama livebearing snail	G1	S1	LE	SP	St Clair, Laniers	019S 003E	6	332500N, 0862200W	10/23/ 1991	
330	Amphibian	*Desmognathus aeneus*	seepage salamander	G3G4	S2			Clay, Clairmont Springs	020S 006E	1	331900N, 0855800W	02/27/ 1969	1969-02-27: At least 5 specimens were collected from the general area and deposited in Auburn University's herpetology collection (T. Yarbrough, collector).
330	Insects	*Hydroptila cheaha*	caddisfly	G1	S1			Talladega, Porter Gap	019S 005E	23	332200N, 0860500W		1 collection, 1 specimen; collected June.
330	Snails	*Elimia crenatella*	lacey elimia	G1	S1	LT	SP	Talladega, Childersburg	020S 003E	3	331900N, 0861900W	08/28/ 1988	
330	Snails	*Elimia gerhardti*	coldwater elimia	G5	S3S4			Talladega, Childersburg	020S 003E	3	331900N, 0861900W	08/28/ 1988	
330	Snails	*Elimia gerhardti*	coldwater elimia	G5	S3S4			Talladega, Sleeping Giants	019S 005E	5	332400N, 0860800W	11/03/ 1992	Only 2 snails found. Collected for 10 min.
330	Snails	*Elimia gerhardti*	coldwater elimia	G5	S3S4			Talladega, Talladega	019S 006E	17	332300N, 0860200W	10/02/ 1992	Snails common. Collected from 1310-1410.
330	Snails	*Elimia gerhardti*	coldwater elimia	G5	S3S4			Talladega, Porter Gap	019S 005E	14	332200N, 0860600W	10/02/ 1992	Snails scattered. Collected from 1400-1440.
330	Snails	*Elimia gerhardti*	coldwater elimia	G5	S3S4			Talladega, Clairmont Springs	019S 006E	23	332100N, 0855900W	09/06/ 1992	A few snails collected. Collected from 1030-1130.

Table E-1. Continued.

HUC	Major Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	County, Quad	Town Range	Section	Latitude, Longitude	Date Last Observed	EO Data
330	Vascular Plants	*Asplenium bradleyi*	Bradley's spleenwort	G4	S2			Talladega, Clairmont Springs	019S 006E	26	332100N, 0855900W	10/10/ 1976	Plants growing among rocks used for railroad fill.
330	Vascular Plants	*Asplenium trichomanes*	maidenhair spleenwort	G5	S2S3			Talladega, Talladega	019S 005E	13	332300N, 0860500W	05/04/ 1996	Plants growing on moss-covered boulders with SEDUM NEVII along both sides of Talladega Creek, beginning ca. 0.1 mile upstream from bridge and extending an additional 0.2 miles.
330	Vascular Plants	*Heuchera longiflora*	long-flower alumroot	G4	S1			Talladega, Talladega	019S 006E	8	332300N, 0860200W	05/08/ 1984	
330	Vascular Plants	*Phacelia dubia* var *dubia*	phacelia	G5T5	S1S2			Talladega, Talladega	019S 005E	13	332300N, 0860500W	05/04/ 1996	Plants are frequent on boulders and overhangs along both sides of Talladega Creek, beginning ca. 0.1 mile upstream from bridge and extending an additional 0.3 miles. Flowering is beginning to wane.
330	Vascular Plants	*Sedum nevii*	Nevius' stonecrop	G3	S3			Talladega, Talladega	019S 005E	13	332300N, 0860500W	05/04/ 1996	Abundant on quartzite or schist-like boulders and cliffs on both sides of Talladega Creek. Several thousand plants are present. Just beginning to flower, 96-05-04.

Stream Segment: Black Creek (Etowah County)
Number of EORs within 100 m: 6
Description: From Noccalula Falls downstream approximately 0.8 km (0.5 mi) to unnamed tributary entering from the north. There is an inadequate buffer strip between the Noccalula Falls parking lot and Black Creek, and other problems created from Black Creek draining much of Gadsden. The stream has a problem with excess sediments after rainfall. There also is the potential for pollutant contamination and excess nutrients from the surrounding Gadsden area. Much of the surrounding area is already developed.

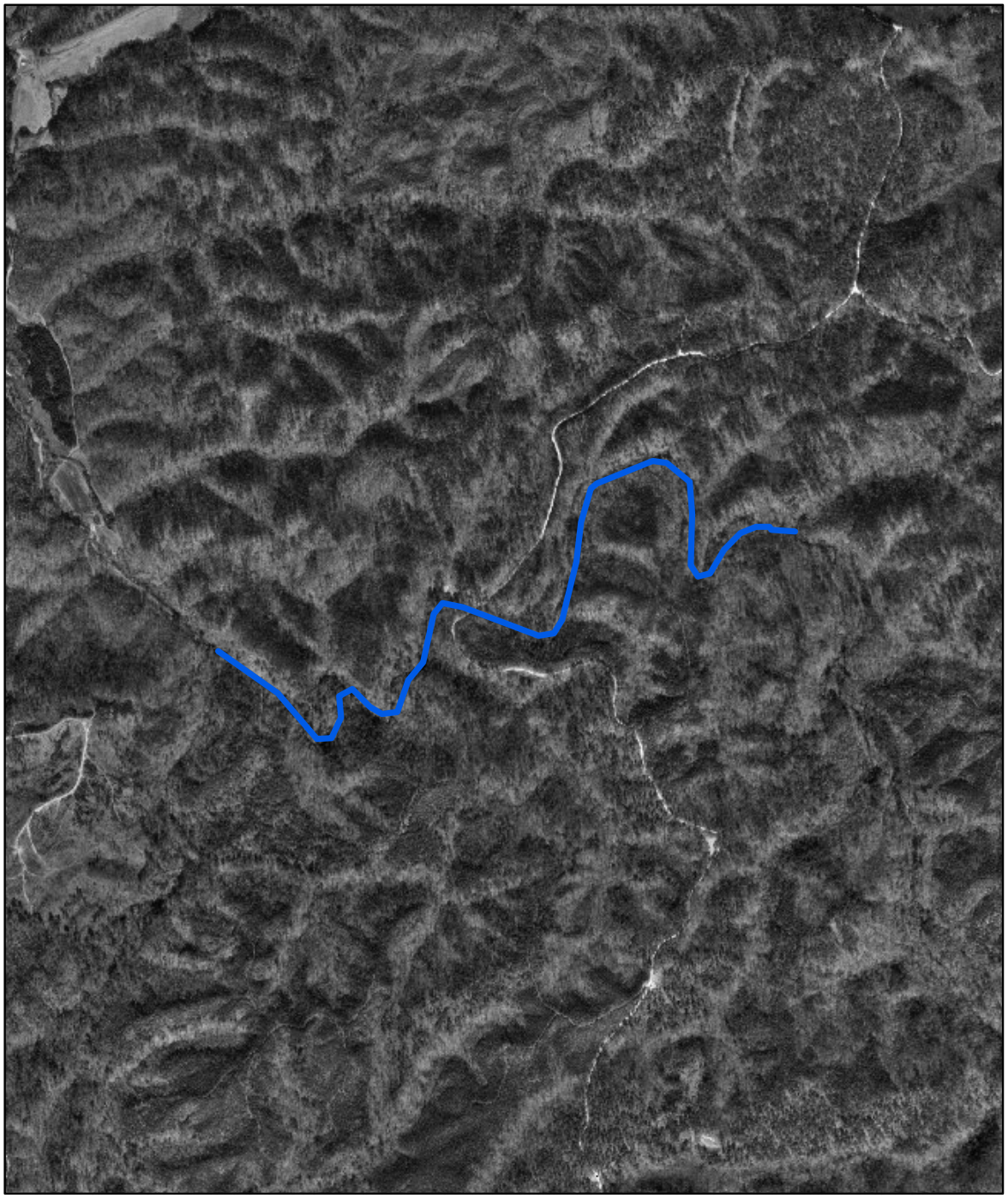
Noccalula Falls

Black Creek below Noccalula Falls after rainfall (excessively turbid)

Inadequate vegetated buffer strip between Noccalula Falls parking lot and Black Creek

Black Creek above Noccalula Falls

Stream Segment: Choccolocco Creek (Cleburne County)
Number of EORs within 100 m: 5
Description: In the Talladega National Forest on the Piedmont SE topographic quadrangle: from confluence with an unnamed tributary entering from the northeast (at the border of sections 3 & 10) downstream approximately 1.4 km (0.9 mi) to confluence with an unnamed tributary entering from the south (in section 9). Forest Road 540, a dirt/gravel road, crosses Choccolocco Creek via a ford and is a potential source of sediments and contaminants. Otherwise, the area is well vegetated. Litter is also a problem in the area surrounding the road.



Forest Road 540 crossing Choccolocco Creek

Choccolocco Creek upstream at Forest Road 540 crossing

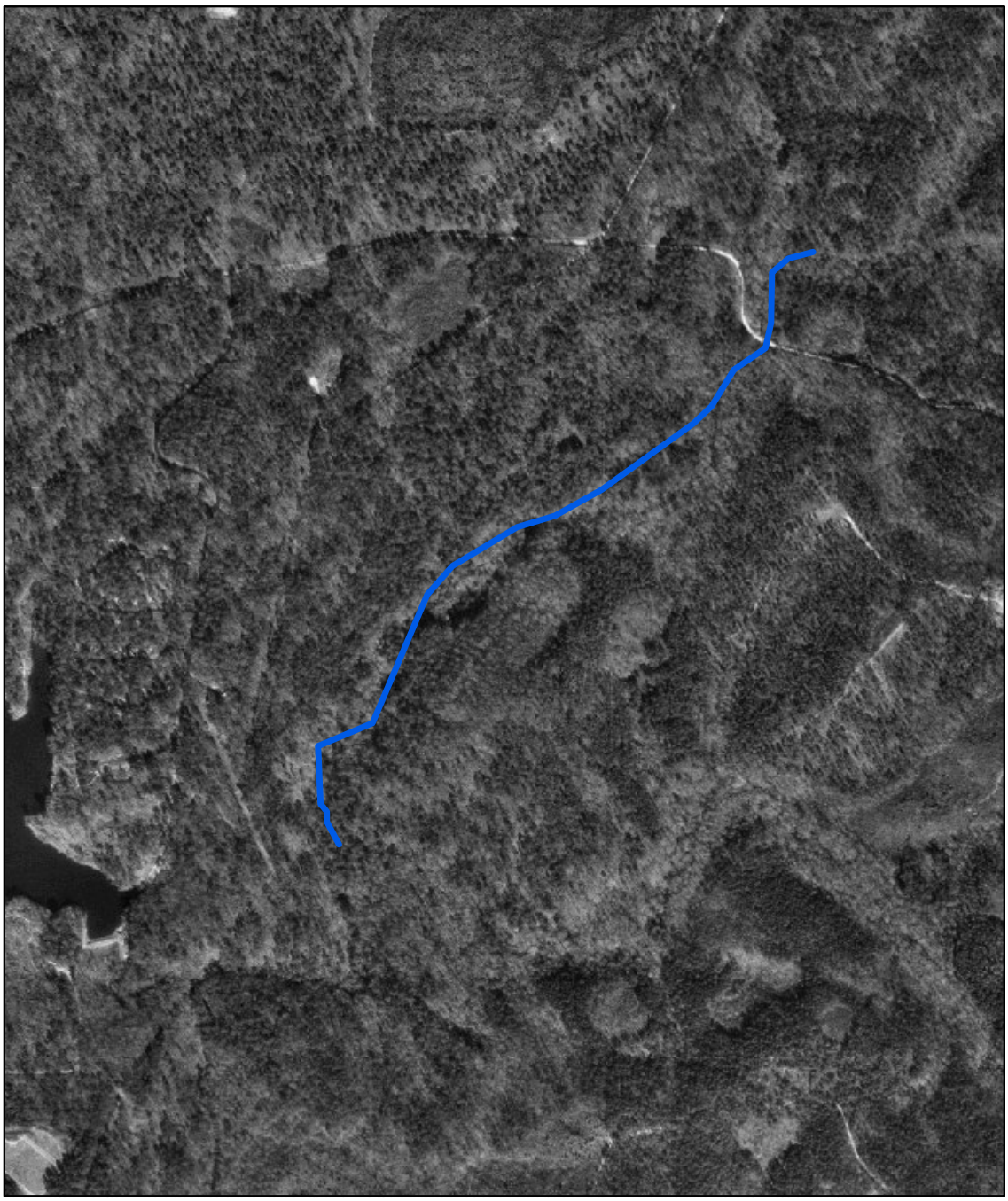
Choccolocco Creek downstream of Forest Road 540 crossing

Example of vegetation community around Choccolocco Creek

recreation site with fire ring and trash can along Choccolocco Creek

on Forest Road 540 at Choccolocco Creek crossing

Stream Segment: Shoal Creek
Number of EORs within 100 m: 6
Description: East of Coleman Lake in the Talladega National Forest: from confluence of 2 unnamed tributaries north of Forest Road 548 downstream approximately 1.4 km (0.9 mi) to confluence with an unnamed tributary. The stream and surrounding area is partially protected under Forest Service jurisdiction. Forest Road 548, a dirt/gravel road, crosses the stream via culvert. Unless timber operations are conducted in the surrounding area, this road is the only potential source for NPS pollution in the immediate vicinity.

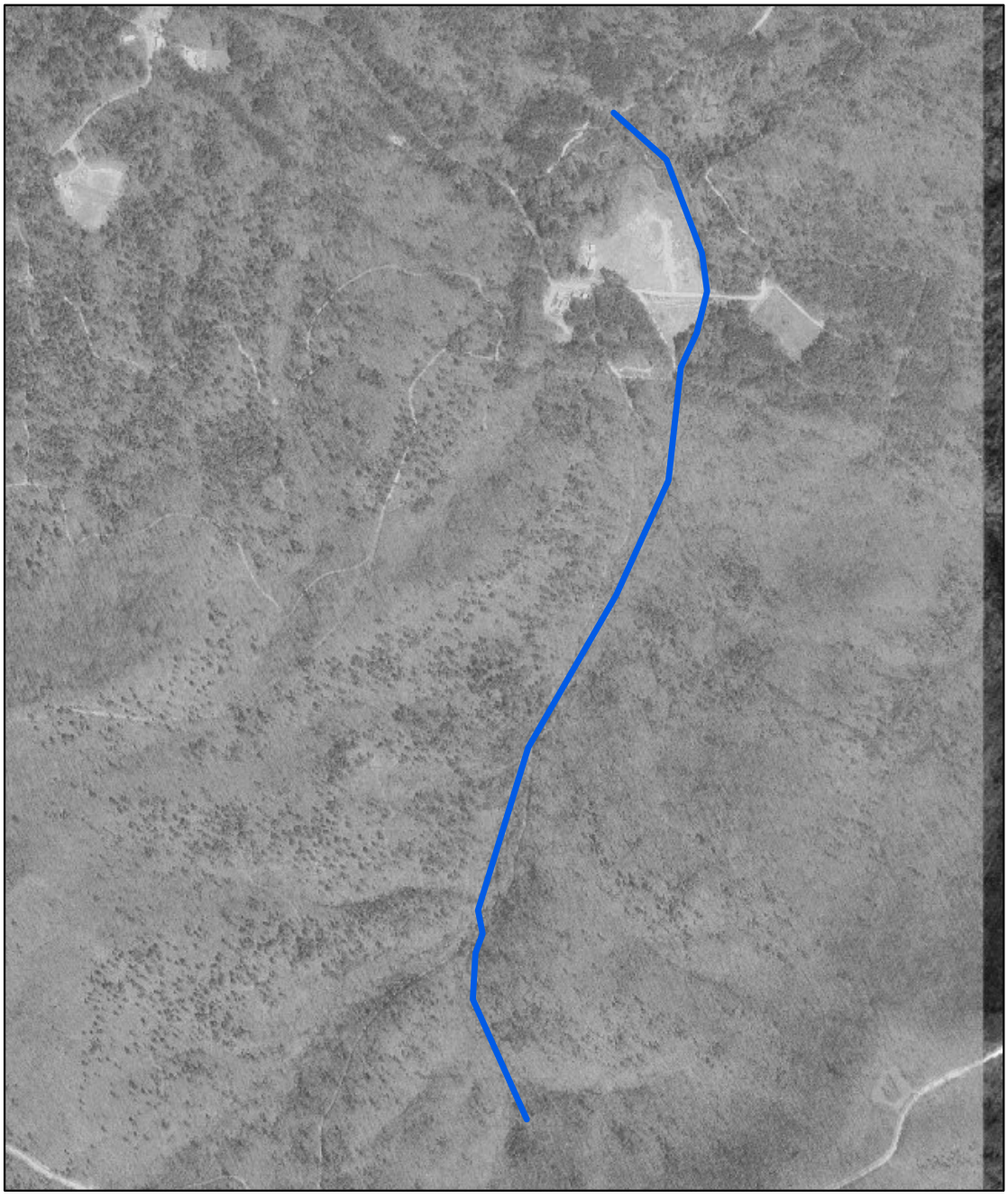


Shoal Creek downstream at Forest Road 548 crossing

Forest Road 548 crossing Shoal Creek

Shoal Creek downstream of Forest Road 548 crossing

Stream Segment: South Branch (Calhoun County)
Number of EORs within 100 m: 15
Description: West of Skeleton Mountains, from headwater north of Silver Ridge downstream approximately 1.9 km (1.2 mi) to crossing by unnamed road. Partially protected because it occurs on the former Fort McClellan Military Reservation – Main Post. The stream segment is largely surrounded by forest but is crossed by a road in a non-forested clearing. All caddisfly EORs were near this road crossing and could be negatively affected by land use around the road.



APPENDIX G. Rare species areas in the Middle Coosa River Watershed.

Table G-1. Rare species areas in the Middle Coosa River Watershed identified using occurrence data from Alabama Natural Heritage[SM]'s Biological Conservation Database and 1,000 ha (2,471 ac) hexagon coverage generated in ArcView. Hexagon type was coded "critical", "imperiled", and "rare" based on the presence of federal or state protected species and heritage ranks. "Critical" hexagons were those containing federal or state protected species or species with a heritage rank of G1 or S1. "Imperiled" hexagons were those containing species with a heritage rank of G2 or S2 without federal or state protection. "Rare" hexagons were those containing species with a heritage rank of G3 – G5 without federal or state protection. The hydrologic unit code (HUC) given is the 3-digit subwatershed code of the 11-digit HUC for the subwatersheds within the Middle Coosa watershed (03150105); for those subwatersheds outside the MCR watershed, the full 11-digit HUC is given.

Hexagon ID	Type	# of EORs	Species Occurring in Hexagon		Subwatersheds Covered	
			Scientific Name	Common Name	HUC	Name
127	critical	2	*Elimia crenatella*, *E. gerhardti*	lacey elimia, coldwater elimia	330	Talladega Creek
216	imperiled	1	*Desmognathus aeneus*	seepage salamander	330	Talladega Creek
317	imperiled	2	*Asplenium bradleyi*, *Elimia gerhardti*	Bradley's spleenwort, coldwater elimia	330	Talladega Creek
318	rare	1	*Elimia gerhardti*	coldwater elimia	330	Talladega Creek
320	imperiled	5	*Asplenium trichomanes*, *Elimia gerhardti*, *Hydroptila cheaha*, *Phacelia dubia* var *dubia*, *Sedum nevii*	maidenhair spleenwort, coldwater elimia, caddisfly, phacelia, Nevius' stonecrop	330	Talladega Creek
418	critical	1	*Heuchera longiflora*	long-flower alumroot	260, 330	Cheaha Creek, Talladega Creek
422	rare	1	*Elimia gerhardti*	coldwater elimia	330	Talladega Creek
429	critical	1	*Tulotoma magnifica*	Alabama livebearing snail	310, 320	Lower Kelly Creek, Flipper Creek
524	critical	1	*Aster georgianus*	Georgia aster	280	Clear Creek
529	critical	3	*Elimia gerhardti*, *Pleurocera showalteri*, *Tulotoma magnifica*	coldwater elimia, upland hornsnail, Alabama livebearing snail	310	Lower Kelly Creek
530	critical	3	*Epioblasma othcaloogensis*, *Pleurobema decisum*, *Ptychobranchus greenii*	southern acornshell, southern clubshell, triangular kidneyshell	310	Lower Kelly Creek
612	imperiled	1	*Parnassia asarifolia*	kidneyleaf grass-of-parnassus	260	Cheaha Creek
619	critical	1	*Carex decomposita*	cypress-knee sedge	260	Cheaha Creek
629	rare	1	*Pituophis melanoleucus melanoleucus*	northern pine snake	310, 290	Lower Kelly Creek, Easonville Creek
632	rare	1	*Elimia gerhardti*	coldwater elimia	300	Upper Kelly Creek
635	rare	1	*Lonicera flava*	yellow honeysuckle	300	Upper Kelly Creek
712	imperiled	3	*Desmognathus aeneus*, *Gentiana saponaria*, *Lonicera flava*	seepage salamander, soapwort gentian, yellow honeysuckle	260, 250, 03150108150	Cheaha Creek, Middle Choccolocco Creek, Ketchepedrakee Creek

Table G-1. Continued.

Hexagon ID	Type	# of EORs	Species Occurring in Hexagon		Subwatersheds Covered	
			Scientific Name	Common Name	HUC	Name
713	Critical	2	*Agapetus iridis*, *Elimia gerhardti*	caddisfly, coldwater elimia	260, 250	Cheaha Creek, Middle Choccolocco Creek
714	imperiled	5	*Cheumatopsyche helma*, *Chimarra augusta*, *Desmognathus aeneus*, *Plethodon websteri*, *Rana sylvatica*	Helma's cheumatopsyche caddisfly, caddisfly, seepage salamander, Webster's salamander, wood frog	260, 250	Cheaha Creek, Middle Choccolocco Creek
732	rare	1	*Elimia gerhardti*	coldwater elimia	300	Upper Kelly Creek
811	imperiled	1	*Rana sylvatica*	wood frog	250, 03150108150	Middle Choccolocco Creek, Ketchepedrakee Creek
812	imperiled	1	*Rana sylvatica*	wood frog	250	Middle Choccolocco Creek
818	critical	2	*Elimia bullula*, *Elimia crenatella*	snail, lacey elimia	260	Cheaha Creek
830	rare	1	*Elimia gerhardti*	coldwater elimia	300	Upper Kelly Creek
832	rare	1	*Elimia gerhardti*	coldwater elimia	300	Upper Kelly Creek
911	imperiled	2	*Ambystoma tigrinum*, *Rana sylvatica*	tiger salamander, wood frog	250	Middle Choccolocco Creek
918	critical	2	*Elimia bellula*, *E. gerhardti*	walnut elimia, coldwater elimia	250, 260	Middle Choccolocco Creek, Cheaha Creek
919	critical	6	*Cyprinella caerulea*, *Elimia bellula*, *E. crenatella*, *E. gerhardti* (2), *Leptoxis taeniata*	blue shiner, walnut elimia, lacey elimia, coldwater elimia (2), painted rocksnail	260, 250, 270	Cheaha Creek, Middle Choccolocco Creek, Lower Choccolocco Creek
921	critical	3	*Hymenocallis coronaria*, *Leptoxis taeniata*, *Tulotoma magnifica*	shoals spider-lily, painted rocksnail, Alabama livebearing snail	270	Lower Choccolocco Creek
922	critical	3	*Elimia bellula*, *E. gerhardti*, *Leptoxis taeniata*	walnut elimia, coldwater elimia, painted rocksnail	270	Lower Choccolocco Creek
1019	critical	2	*Elimia bellula*, *E. gerhardti*	walnut elimia, coldwater elimia	250, 270	Middle Choccolocco Creek, Lower Choccolocco Creek
1031	imperiled	4	*Quercus boyntonii* (3), *Q. georgiana*	Boynton's sand post oak (3), Georgia oak	300	Upper Kelly Creek
1116	critical	4	*Cottus paulus*, *Etheostoma ditrema* (2), *Pycnopsyche virginica*	pygmy sculpin, coldwater darter (2), caddisfly	250	Middle Choccolocco Creek
1118	critical	2	*Ambystoma tigrinum*, *Heterodon simus*	tiger salamander, southern hognose snake	270	Lower Choccolocco Creek
1129	imperiled	1	*Fothergilla major*	mountain witch-alder	300	Upper Kelly Creek
1130	imperiled	1	*Quercus georgiana*	Georgia oak	150, 300	Shoal Creek, Upper Kelly Creek
1208	imperiled	1	*Pyrularia pubera*	buffalo-nut	250, 03150108120	Middle Choccolocco Creek, Cahulga Creek
1209	imperiled	1	*Desmognathus aeneus*	seepage salamander	250	Middle Choccolocco Creek
1210	critical	2	*Cyprinella caerulea*, *Etheostoma ditrema*	blue shiner, coldwater darter	250	Middle Choccolocco Creek
1215	critical	1	*Heterodon simus*	southern hognose snake	250	Middle Choccolocco Creek
1216	rare	1	*Ambystoma tigrinum*	tiger salamander	250	Middle Choccolocco Creek
1308	rare	1	*Gentiana saponaria*	soapwort gentian	250	Middle Choccolocco Creek
1318	critical	1	*Xyris tennesseensis*	Tennessee yellow-eyed grass	190	Cane Creek

Table G-1. Continued.

Hexagon ID	Type	# of EORs	Species Occurring in Hexagon		Subwatersheds Covered	
			Scientific Name	Common Name	HUC	Name
1327	critical	1	*Aster georgianus*	Georgia aster	200	Dye Creek
1408	rare	1	*Ambystoma tigrinum*	tiger salamander	250	Middle Choccolocco Creek
1409	critical	3	*Cyprinella caerulea*, *Elimia bullula*, *E. gerhardti*	blue shiner, snail, coldwater elimia	250	Middle Choccolocco Creek
1411	rare	1	*Lonicera flava*	yellow honeysuckle	250, 190	Middle Choccolocco Creek, Cane Creek
1418	rare	1	*Elimia gerhardti*	coldwater elimia	190	Cane Creek
1428	imperiled	2	*Quercus boyntonii*, *Q. georgiana*	Boynton's sand post oak, Georgia oak	200, 150	Dye Creek, Shoal Creek
1506	critical	9	*Chimarra augusta*, *Desmognathus aeneus* (2), *Elimia bullula*, *E. gerhardti*, *Lampsilis altilis*, *Plethodon websteri*, *Pleurobema georgianum*, *Strophitus subvexus*	caddisfly, seepage salamander (2), snail, coldwater elimia, fine-lined pocketbook, Webster's salamander, southern pigtoe, southern creekmussel	240, 03150108120, 03150108190	Upper Choccolocco Creek, Cahulga Creek, Cane Creek
1510	imperiled	8	*Hydroptila talladega*, *Lysimachia fraseri*, *Ochrotrichia confusa*, *Polycentropus carlsoni*, *Pycnopsyche luculenta*, *Rhyacophila glaberrima*, *Rhyacophila nigrita*, *Rhyacophila torva*	caddisfly, Fraser's loosestrife, caddisfly, Carlson's polycentropus caddisfly, caddisfly, caddisfly, caddisfly, caddisfly	250, 190	Middle Choccolocco Creek, Cane Creek
1511	imperiled	15	*Cheumatopsyche harwoodi*, *Heteroplectron americanum*, *Hydroptila consimilis*, *Hydroptila setigera*, *Ironoquia punctatissima*, *Molanna blenda*, *Polycentropus carlsoni*, *Psilotreta frontalis*, *Pycnopsyche gentilis*, *Pycnopsyche lepida*, *Pycnopsyche luculenta*, *Rhyacophila glaberrima*, *Rhyacophila nigrita*, *Rhyacophila torva*, *Triaenodes taenia*	caddisfly, caddisfly, caddisfly, caddisfly, caddisfly, caddisfly, Carlson's polycentropus caddisfly, caddisfly, caddisfly, caddisfly, caddisfly, caddisfly, caddisfly, cold spring triaenodes caddisfly	190, 250	Cane Creek, Middle Choccolocco Creek
1515	critical	2	*Elimia gerhardti*, *Xyris tennesseensis*	coldwater elimia, Tennessee yellow-eyed grass	190	Cane Creek
1519	critical	2	*Etheostoma ditrema*, *Marshallia mohrii*	coldwater darter, Mohr's Barbara's buttons	190	Cane Creek
1524	rare	1	*Elimia gerhardti*	coldwater elimia	190	Dye Creek
1527	critical	1	*Aster georgianus*	Georgia aster	200, 150	Dye Creek, Shoal Creek
1528	imperiled	1	*Scutellaria alabamensis*	Alabama skullcap	150, 140, 200	Shoal Creek, Beaver Creek, Dye Creek
1607	critical	4	*Lampsilis altilis*, *Oxyethira michiganensis*, *Pleurobema georgianum*, *Strophitus subvexus*	fine-lined pocketbook, caddisfly, southern pigtoe, southern creekmussel	240	Upper Choccolocco Creek
1608	critical	4	*Agapetus iridis*, *Elimia gerhardti*, *Picoides borealis*, *Xerophyllum asphodeloides*	caddisfly, coldwater elimia, red-cockaded woodpecker, turkeybeard	240, 250	Upper Choccolocco Creek, Middle Choccolocco Creek
1609	critical	3	*Cyprinella caerulea*, *Lampsilis altilis*, *Pituophis melanoleucus melanoleucus*	blue shiner, fine-lined pocketbook, northern pine snake	250, 240	Middle Choccolocco Creek, Middle Choccolocco Creek

Table G-1. Continued.

Hexagon ID	Type	# of EORs	Species Occurring in Hexagon		Subwatersheds Covered	
			Scientific Name	Common Name	HUC	Name
1611	critical	10	*Aster oolentangiensis* var *oolentangiensis*, *Cypripedium acaule*, *Gentiana saponaria*, *Juniperus communis*, *Platanthera integrilabia* (2), *Sabatia capitata*, *Salix humilis*, *Speyeria diana*, *Zigadenus leimanthoides*	sky blue aster, pink lady's-slipper, soapwort gentian, ground juniper, white fringeless orchid (2), rose gentian, tall prairie willow, Diana, crow-poison	190, 170, 250	Cane Creek, Tallasseehatchee Creek, Middle Choccolocco Creek
1612	imperiled	1	*Echinacea pallida*	pale-purple coneflower	170, 190	Tallasseehatchee Creek, Cane Creek
1615	imperiled	2	*Platanthera flava* var *flava*, *Trillium lancifolium*	southern rein orchid, narrow-leaved trillium	190, 170	Cane Creek, Tallasseehatchee Creek
1616	imperiled	2	*Scutellaria alabamensis* (2)	Alabama skullcap (2)	170, 190	Tallasseehatchee Creek, Cane Creek
1617	critical	5	*Equisetum arvense*, *Monotropa hypopithys*, *Protoptila maculata*, *Villosa nebulosa*, *Xyris tennesseensis*	field horsetail, pinesap, caddisfly, Alabama rainbow, Tennessee yellow-eyed grass	170, 190	Tallasseehatchee Creek, Cane Creek
1618	rare	1	*Gentiana saponaria*	soapwort gentian	170, 190	Tallasseehatchee Creek, Cane Creek
1628	critical	1	*Aster georgianus*	Georgia aster	100, 140	Upper Big Canoe Creek, Beaver Creek
1706	imperiled	3	*Desmognathus aeneus*, *Parnassia asarifolia*, *Platanthera lacera*	seepage salamander, kidneyleaf grass-of-parnassus, green-fringed orchid	240	Upper Choccolocco Creek
1708	critical	1	*Cyprinella caerulea*	blue shiner	240	Upper Choccolocco Creek
1709	critical	1	*Cyprinella caerulea*	blue shiner	240, 250	Upper Choccolocco Creek, Middle Choccolocco Creek
1712	rare	1	*Pituophis melanoleucus melanoleucus*	northern pine snake	170	Tallasseehatchee Creek
1717	critical	1	*Etheostoma ditrema*	coldwater darter	170, 109	Tallasseehatchee Creek, Cane Creek
1720	critical	1	*Tulotoma magnifica*	Alabama livebearing snail	130, 170, 160	Greens Creek, Tallasseehatchee Creek, Ohatchee Creek
1727	critical	5	*Clematis socialis* (2), *Ptilimnium costatum*, *Sabatia capitata*, *Silphium trifoliatum* var *latifolium*	Alabama leather-flower (2), eastern bishop-weed, rose gentian, rosinweed	140, 100	Beaver Creek, Upper Big Canoe Creek
1729	critical	1	*Ptilimnium costatum*	eastern bishop-weed	100	Upper Big Canoe Creek
1805	imperiled	3	*Gentiana saponaria*, *Parnassia asarifolia*, *Rhyacophila teddyi*	soapwort gentian, kidneyleaf grass-of-parnassus, caddisfly	240, 03150108090	Upper Choccolocco Creek, Cane Creek
1806	rare	1	*Gentiana saponaria*	soapwort gentian	240	Upper Choccolocco Creek
1807	critical	1	*Picoides borealis*	red-cockaded woodpecker	240	Upper Choccolocco Creek
1808	critical	4	*Cyprinella caerulea* (2), *Hydroptila choccolocco*, *Hydroptila patriciae*	blue shiner (2), caddisfly, caddisfly	240	Upper Choccolocco Creek
1823	critical	1	*Elimia chiltonensis*	prune elimia	150, 140	Shoal Creek, Beaver Creek

Table G-1. Continued.

Hexagon ID	Type	# of EORs	Species Occurring in Hexagon		Subwatersheds Covered	
			Scientific Name	Common Name	HUC	Name
1827	critical	3	*Clematis socialis*, *Elimia capillaris*, *Sabatia capitata*	Alabama leather-flower, spindle elimia, rose gentian	100, 140	Upper Big Canoe Creek, Beaver Creek
1905	imperiled	7	*Agapetus pinatus*, *Chimarra augusta*, *Dolophilodes major*, *Hydroptila talladega*, *Isotria verticillata*, *Rhyacophila teddyi*, *Triaenodes taenia*	caddisfly, caddisfly, caddisfly, caddisfly, large whorled pogonia, caddisfly, cold spring triaenodes caddisfly	240, 03150105220, 03150108090	Upper Choccolocco Creek, Upper Terrapin Creek, Cane Creek
1906	critical	7	*Elimia gerhardti*, *Jamesianthus alabamensis* (2), *Lepidostoma griseum*, *Picoides borealis* (2), *Pycnopsyche gentilis*	coldwater elimia, jamesianthus (2), caddisfly, red-cockaded woodpecker (2), caddisfly	240	Upper Choccolocco Creek
1910	rare	1	*Gentiana villosa*	striped gentian	240, 170, 03150105220	Upper Choccolocco Creek, Tallasseehatchee Creek, Upper Terrapin Creek
1912	critical	1	*Heterodon simus*	southern hognose snake	170	Tallasseehatchee Creek
2006	rare	1	*Jamesianthus alabamensis*	jamesianthus	240, 03150105220	Upper Choccolocco Creek, Upper Terrapin Creek
2007	critical	1	*Cyprinella caerulea*	blue shiner	240	Upper Choccolocco Creek
2011	rare	1	*Gentiana villosa*	striped gentian	170	Tallasseehatchee Creek
2015	imperiled	1	*Desmognathus aeneus*	seepage salamander	170, 160	Tallasseehatchee Creek, Ohatchee Creek
2026	critical	1	*Aster georgianus*	Georgia aster	100	Upper Big Canoe Creek
2027	critical	1	*Aster georgianus*	Georgia aster	100	Upper Big Canoe Creek
2029	critical	1	*Aster georgianus*	Georgia aster	100	Upper Big Canoe Creek
2030	critical	2	*Aster georgianus*, *Eumeces anthracinus*	Georgia aster, coal skink	100, 03160111010, 03160111070	Upper Big Canoe Creek, Upper Locust Fork, Blackburn Fork
2118	imperiled	3	*Dicentra cucullaria*, *Euonymus atropurpureus*, *Triosteum angustifolium*	Dutchman's breeches, wahoo, yellowleaf tinker's-weed	160, 130, 030	Ohatchee Creek, Greens Creek, Big Cove Creek
2128	critical	4	*Aneides aeneus*, *Lathyrus venosus*, *Lysimachia fraseri*, *Trillium decumbens*	green salamander, smooth veiny peavine, Fraser's loosestrife, decumbent trillium	100, 110	Upper Big Canoe Creek, Little Canoe Creek
2218	imperiled	2	*Dicentra cucullaria*, *Viburnum bracteatum*	Dutchman's breeches, limerock arrowwood	030, 090, 130	Big Cove Creek, Coosa River/Neely Henry Reservoir, Greens Creek
2228	imperiled	1	*Lilium canadense*	Canada lily	110	Little Canoe Creek
2317	critical	1	*Etheostoma ditrema*	coldwater darter	030, 160	Big Cove Creek, Ohatchee Creek
2322	critical	1	*Clematis socialis*	Alabama leather-flower	070	Lower Big Wills Creek
2411	critical	1	*Silphium mohrii*	Mohr's rosinweed	010	Ballplay Creek
2423	critical	1	*Aster georgianus*	Georgia aster	070, 120	Lower Big Wills Creek, Lower Big Canoe Creek

Table. G-1. Continued.

Hexagon ID	Type	# of EORs	Species Occurring in Hexagon		Subwatersheds Covered	
			Scientific Name	Common Name	HUC	Name
2425	critical	14	*Aplectrum hyemale*, *Aralia racemosa*, *Asplenium trichomanes*, *Celastrus scandens*, *Croomia pauciflora*, *Erythronium umbilicatum*, *Listera australis*, *Monarda clinopodia*, *Orobanche uniflora* (2), *Speyeria diana*, *Trillium decumbens*, *Trillium flexipes*, *Triosteum angustifolium*	puttyroot, American spikenard, maidenhair spleenwort, climbing bittersweet, croomia, dimpled fawn-lily, southern twayblade, basil bee-balm, one-flowered broomrape (2), Diana, decumbent trillium, nodding trillium, yellowleaf tinker's-weed	070, 120, 110	Lower Big Wills Creek, Lower Big Canoe Creek, Little Canoe Creek
2522	imperiled	1	*Asplenium ruta-muraria*	wall rue spleenwort	070, 080, 060	Lower Big Wills Creek, Black Creek, Middle Big Wills Creek
2526	imperiled	2	*Croomia pauciflora*, *Plethodon websteri*	croomia, Webster's salamander	070, 03160111010	Lower Big Wills Creek, Upper Locust Fork
2621	imperiled	10	*Asplenium bradleyi*, *Bigelowia nuttallii* (3), *Bigelowia nuttallii – Coreopsis pulchra – Liatris microcephala* (3), *Cuscuta harperi*, *Lindernia monticola*, *Trichomanes petersii*	Bradley's spleenwort, Nuttall's rayless goldenrod (3), sandstone glade (3), Harper's dodder, piedmont pimpernel, dwarf filmy-fern	080, 070	Black Creek, Lower Big Wills Creek
2815	critical	1	*Sarracenia oreophila*	green pitcher plant	010, 020	Ballplay Creek, Coosa River
3216	critical	1	*Aneides aeneus*	green salamander	080, 03150105140, 050	Black Creek, Yellow Creek, Upper Big Wills Creek
3316	critical	3	a cave, *Myotis grisescens*, *Pseudanophthalmus alabamae*	AL DeKalb county cave, gray bat, a ground beetle	050, 03150105140	Upper Big Wills Creek, Yellow Creek
3317	critical	3	a cave, *Pseudanophthalmus alabamae* (2)	AL DeKalb county cave, a ground beetle (2)	050, 060	Upper Big Wills Creek, Middle Big Wills Creek
3318	critical	1	*Typhlichthys subterraneus*	southern cavefish	050, 060	Upper Big Wills Creek, Middle Big Wills Creek
3417	rare	1	*Trillium decumbens*	decumbent trillium	050	Upper Big Wills Creek
3515	critical	1	*Myotis grisescens*	gray bat	03150105140, 050, 03150105110	Yellow Creek, Upper Big Wills Creek, Bear Creek
3616	imperiled	1	*Moxostoma sp 1*	grayfin redhorse	050	Upper Big Wills Creek
3715	critical	1	*Cyprinella caerulea*	blue shiner	050	Upper Big Wills Creek
3913	critical	4	a cave, *Antrorbis breweri*, *Pseudanophthalmus alabamae*, *Scoterpes austrinus austrinus*	AL DeKalb county cave, snail, a ground beetle, a cave obligate millipede	050, 03150105110	Upper Big Wills Creek, Bear Creek
4112	critical	2	a cave, *Pseudanophthalmus alabamae*	AL DeKalb county cave, a ground beetle	050	Upper Big Wills Creek
4113	critical	1	*Typhlichthys subterraneus*	southern cavefish	050	Upper Big Wills Creek
4211	critical	4	*Litocampa valentinei*, *Myotis grisescens*, *Pseudanophthalmus alabamae*, *Talinum mengesii*	a cave obligate bristletail, gray bat, a ground beetle, Menge's fame-flower	050, 03150105080	Upper Big Wills Creek, West Fork of the Little River

Table G-1. Continued

Hexagon ID	Type	# of EORs	Species Occurring in Hexagon		Subwatersheds Covered	
			Scientific Name	Common Name	HUC	Name
4310	critical	8	a cave, *Pseudanophthalmus alabamae*	AL DeKalb county cave, a ground beetle	050, 03150105080	Upper Big Wills Creek, West Fork of the Little River
4410	imperiled	1	*Viola canadensis*	Canada violet	050, 03150105080, 06020001290	Upper Big Wills Creek, West Fork of the Little River, Lookout Creek

Table G-2. Rare species areas in the Middle Coosa River Watershed identified using occurrence data from Alabama Natural Heritage[SM]'s Biological Conservation Database and 100 ha (247 ac) hexagon coverage generated in ArcView. Hexagon type was coded "critical", "imperiled", and "rare" based on the presence of federal or state protected species and heritage ranks. "Critical" hexagons were those containing federal or state protected species or species with a heritage rank of G1 or S1. "Imperiled" hexagons were those containing species with a heritage rank of G2 or S2 without federal or state protection. "Rare" hexagons were those containing species with a heritage rank of G3 – G5 without federal or state protection. The hydrologic unit code (HUC) given is the 3-digit subwatershed code of the 11-digit HUC for the subwatersheds within the Middle Coosa watershed (03150105); for those subwatersheds outside the MCR watershed, the full 11-digit HUC is given.

Hexagon ID	Type	# of EORs	Species Occurring in Hexagon		Subwatersheds Covered	
			Scientific Name	Common Name	HUC	Name
3821	critical	2	*Elimia crenatella*, *Elimia gerhardti*	lacey elimia, coldwater elimia	330	Talladega Creek
4088	imperiled	1	*Desmognathus aeneus*	seepage salamander	330	Talladega Creek
4290	imperiled	1	*Asplenium bradleyi*	Bradley's spleenwort	330	Talladega Creek
4390	rare	1	*Elimia gerhardti*	coldwater elimia	330	Talladega Creek
4400	critical	1	*Hydroptila cheaha*	caddisfly	330	Talladega Creek
4501	rare	1	*Elimia gerhardti*	coldwater elimia	330	Talladega Creek
4595	rare	1	*Elimia gerhardti*	coldwater elimia	330	Talladega Creek
4599	imperiled	3	*Asplenium trichomanes*, *Phacelia dubia* var *dubia*, *Sedum nevii*	maidenhair spleenwort, phacelia, Nevius' stonecrop	330	Talladega Creek
4628	critical	1	*Tulotoma magnifica*	Alabama livebearing snail	310, 320	Lower Kelly Creek, Flipper Creek
4695	critical	1	*Heuchera longiflora*	long-flower alumroot	330	Talladega Creek
4805	rare	1	*Elimia gerhardti*	coldwater elimia	330	Talladega Creek
4927	critical	3	*Elimia gerhardti*, *Pleurocera showalteri*, *Tulotoma magnifica*	coldwater elimia, upland hornsnail, Alabama livebearing snail	310	Lower Kelly Creek
5012	critical	1	*Aster georgianus*	Georgia aster	280	Clear Creek
5031	critical	3	*Epioblasma othcaloogensis*, *Pleurobema decisum*, *Ptychobranchus greenii*	southern acornshell, southern clubshell, triangular kidneyshell	310	Lower Kelly Creek
5229	rare	1	*Pituophis melanoleucus melanoleucus*	northern pine snake	310	Lower Kelly Creek
5246	rare	1	*Lonicera flava*	yellow honeysuckle	300	Upper Kelly Creek
5296	critical	1	*Carex decomposita*	cypress-knee sedge	260	Cheaha Creek
5577	critical	1	*Agapetus iridis*	caddisfly	260	Cheaha Creek
5579	rare	1	*Elimia gerhardti*	coldwater elimia	260	Cheaha Creek
5580	rare	1	*Plethodon websteri*	Webster's salamander	260	Cheaha Creek
5581	critical	2	*Cheumatopsyche helma*, *Chimarra augusta*	Helma's cheumatopsyche caddisfly, caddisfly	260	Cheaha Creek
5637	rare	1	*Elimia gerhardti*	coldwater elimia	300	Upper Kelly Creek
5638	rare	1	*Elimia gerhardti*	coldwater elimia	300	Upper Kelly Creek
5674	rare	1	*Lonicera flava*	yellow honeysuckle	03150108150, 260, 250	Ketchepedrakee Creek, Cheaha Creek, Middle Choccolocco Creek
5681	imperiled	1	*Desmognathus aeneus*	seepage salamander	260	Cheaha Creek

Table G-2. Continued.

Hexagon ID	Type	# of EORs	Species Occurring in Hexagon		Subwatersheds Covered	
			Scientific Name	Common Name	HUC	Name
5775	imperiled	2	*Desmognathus aeneus*, *Gentiana saponaria*	seepage salamander, soapwort gentian	250, 260	Middle Choccolocco Creek, Cheaha Creek
5779	imperiled	1	*Rana sylvatica*	wood frog	250, 260	Middle Choccolocco Creek, Cheaha Creek
5874	imperiled	1	*Rana sylvatica*	wood frog	250	Middle Choccolocco Creek
5971	imperiled	1	*Rana sylvatica*	wood frog	03150108150, 250	Ketchepedrakee Creek, Middle Choccolocco Creek
5995	critical	2	*Elimia bullula*, *Elimia crenatella*	snail, lacey elimia	260	Cheaha Creek
6031	rare	1	*Elimia gerhardti*	coldwater elimia	300	Upper Kelly Creek
6170	imperiled	2	*Ambystoma tigrinum*, *Rana sylvatica*	tiger salamander, wood frog	250	Middle Choccolocco Creek
6198	critical	2	*Elimia crenatella*, *Elimia gerhardti*	lacey elimia, coldwater elimia	260, 270	Cheaha Creek, Lower Choccolocco Creek
6238	rare	1	*Elimia gerhardti*	coldwater elimia	300	Upper Kelly Creek
6298	critical	4	*Cyprinella caerulea*, *Elimia bellula*, *Elimia gerhardti*, *Leptoxis taeniata*	blue shiner, walnut elimia, coldwater elimia, painted rocksnail	250, 270	Middle Choccolocco Creek, Lower Choccolocco Creek
6303	critical	2	*Leptoxis taeniata, Tulotoma magnifica*	coldwater elimia, Webster's salamander	270	Lower Choccolocco Creek
6304	critical	1	*Tulotoma magnifica*	Alabama livebearing snail	270	Lower Choccolocco Creek
6394	critical	2	*Elimia bellula, Elimia gerhardti*	walnut elimia, coldwater elimia	250	Middle Choccolocco Creek
6406	critical	3	*Elimia bellula*, *Elimia gerhardti*, *Leptoxis taeniata*	walnut elimia, coldwater elimia, painted rocksnail	270	Lower Choccolocco Creek
6496	critical	2	*Elimia bellula*, *Elimia gerhardti*	walnut elimia, coldwater elimia	250	Middle Choccolocco Creek
6635	critical	1	*Quercus boyntonii*	Boynton's sand post oak	300	Upper Kelly Creek
6636	critical	3	*Quercus boyntonii* (2), *Quercus georgiana*	Boynton's sand post oak (2), Georgia oak	300	Upper Kelly Creek
6727	imperiled	1	*Fothergilla major*	mountain witch-alder	300	Upper Kelly Creek
6933	imperiled	1	*Quercus georgiana*	Georgia oak	300	Upper Kelly Creek
6987	critical	1	*Etheostoma ditrema*	coldwater darter	250	Middle Choccolocco Creek
6993	critical	2	*Ambystoma tigrinum*, *Heterodon simus*	tiger salamander, southern hognose snake	270	Lower Choccolocco Creek
7087	critical	3	*Cottus paulus, Etheostoma ditrema, Pycnopsyche virginica*	pygmy sculpin, coldwater darter, caddisfly	250	Middle Choccolocco Creek
7167	imperiled	1	*Desmognathus aeneus*	seepage salamander	250	Middle Choccolocco Creek
7285	critical	1	*Heterodon simus*	southern hognose snake	250	Middle Choccolocco Creek
7322	critical	1	*Aster georgianus*	Georgia aster	200	Dye Creek
7368	critical	2	*Cyprinella caerulea*, *Etheostoma ditrema*	blue shiner, coldwater darter	250	Middle Choccolocco Creek
7386	rare	1	*Ambystoma tigrinum*	tiger salamander	250	Middle Choccolocco Creek
7461	imperiled	1	*Pyrularia pubera*	buffalo-nut	250, 03150108120	Middle Choccolocco Creek, Cahulga Creek
7595	critical	1	*Xyris tennesseensis*	Tennessee yellow-eyed grass	190	Cane Creek
7665	critical	1	*Cyprinella caerulea*	blue shiner	250	Middle Choccolocco Creek

Table G-2. Continued.

Hexagon ID	Type	# of EORs	Species Occurring in Hexagon		Subwatersheds Covered	
			Scientific Name	Common Name	HUC	Name
7773	rare	1	*Lonicera flava*	yellow honeysuckle	250	Middle Choccolocco Creek
7862	rare	1	*Ambystoma tigrinum*	tiger salamander	250	Middle Choccolocco Creek
7865	critical	2	*Elimia bullula*, *Elimia gerhardti*	snail, coldwater elimia	250	Middle Choccolocco Creek
7884	critical	1	*Xyris tennesseensis*	Tennessee yellow-eyed grass	190	Cane Creek
7972	critical	15	*Cheumatopsyche harwoodi*, *Heteroplectron americanum*, *Hydroptila consimilis*, *Hydroptila setigera*, *Ironoquia punctatissima*, *Molanna blenda*, *Polycentropus carlsoni*, *Psilotreta frontalis*, *Pycnopsyche gentilis*, *Pycnopsyche lepida*, *Pycnopsyche luculenta*, *Rhyacophila glaberrima*, *Rhyacophila nigrita*, *Rhyacophila torva*, *Triaenodes taenia*	caddisfly, caddisfly, caddisfly, caddisfly, caddisfly, caddisfly, Carlson's polycentropus caddisfly, caddisfly, caddisfly, caddisfly, caddisfly, caddisfly, caddisfly, cold spring triaenodes caddisfly	190	Cane Creek
7993	rare	1	*Elimia gerhardti*	coldwater elimia	190	Cane Creek
7996	critical	2	*Etheostoma ditrema*, *Marshallia mohrii*	coldwater darter, Mohr's Barbara's buttons	190	Cane Creek
8024	critical	2	*Quercus boyntonii*, *Quercus georgiana*	Boynton's sand post oak, Georgia oak	200	Dye Creek
8124	critical	1	*Aster georgianus*	Georgia aster	200, 150	Dye Creek, Shoal Creek
8213	rare	1	*Elimia gerhardti*	coldwater elimia	200	Dye Creek
8256	imperiled	2	*Desmognathus aeneus*, *Plethodon websteri*	seepage salamander, Webster's salamander	240	Upper Choccolocco Creek
8266	rare	1	*Pituophis melanoleucus melanoleucus*	northern pine snake	250	Middle Choccolocco Creek
8270	critical	8	*Hydroptila talladega, Ochrotrichia confusa, Polycentropus carlsoni, Pycnopsyche luculenta, Rhyacophila glaberrima, Rhyacophila nigrita, Rhyacophila torva, Zigadenus leimanthoides*	caddisfly, caddisfly, Carlson's polycentropus caddisfly, caddisfly, caddisfly, caddisfly, caddisfly, crow-poison	190, 250	Cane Creek, Middle Choccolocco Creek
8271	critical	5	*Gentiana saponaria, Platanthera integrilabia, Sabatia capitata, Salix humilis, Speyeria diana*	soapwort gentian, white fringeless orchid, rose gentian, tall prairie willow, Diana	190	Cane Creek
8291	critical	4	*Equisetum arvense, Protoptila maculata, Villosa nebulosa, Xyris tennesseensis*	field horsetail, caddisfly, Alabama rainbow, Tennessee yellow-eyed grass	190	Cane Creek
8356	critical	7	*Chimarra augusta, Desmognathus aeneus, Elimia bullula, Elimia gerhardti, Lampsilis altilis, Pleurobema georgianum, Strophitus subvexus*	caddisfly, seepage salamander, snail, coldwater elimia, fine-lined pocketbook, southern pigtoe, southern creekmussel	240	Upper Choccolocco Creek
8358	critical	3	*Lampsilis altilis*, *Oxyethira michiganensis*, *Pleurobema georgianum*	fine-lined pocketbook, caddisfly, southern pigtoe	240	Upper Choccolocco Creek
8360	imperiled	1	*Strophitus subvexus*	southern creekmussel	240	Upper Choccolocco Creek
8369	critical	1	*Lysimachia fraseri*	Fraser's loosestrife	250	Middle Choccolocco Creek
8370	critical	1	*Aster oolentangiensis* var *oolentangiensis*	sky blue aster	250, 190	Middle Choccolocco Creek, Cane Creek
8385	imperiled	2	*Platanthera flava var flava*, *Trillium lancifolium*	southern rein orchid, narrow-leaved trillium	190	Cane Creek

Table G-2. Continued.

Hexagon ID	Type	# of EORs	Species Occurring in Hexagon		Subwatersheds Covered	
			Scientific Name	Common Name	HUC	Name
8424	imperiled	1	*Scutellaria alabamensis*	Alabama skullcap	140, 150	Beaver Creek, Shoal Creek
8461	critical	2	*Picoides borealis*, *Xerophyllum asphodeloides*	red-cockaded woodpecker, turkeybeard	240, 250	Upper Choccolocco Creek, Middle Choccolocco Creek
8463	critical	1	*Agapetus iridis*	caddisfly	250, 240	Middle Choccolocco Creek, Upper Choccolocco Creek
8470	critical	1	*Juniperus communis*	ground juniper	170, 250, 190	Tallasseehatchee Creek, Upper Choccolocco Creek, Cane Creek
8472	critical	2	*Cypripedium acaule*, *Platanthera integrilabia*	pink lady's-slipper, white fringeless orchid	170	Tallasseehatchee Creek
8488	imperiled	2	*Scutellaria alabamensis* (2)	Alabama skullcap (2)	170	Tallasseehatchee Creek
8491	imperiled	1	*Monotropa hypopithys*	pinesap	170	Tallasseehatchee Creek
8493	rare	1	*Gentiana saponaria*	soapwort gentian	190, 170	Cane Creek, Tallasseehatchee Creek
8524	critical	1	*Aster georgianus*	Georgia aster	140	Beaver Creek
8565	critical	2	*Cyprinella caerulea, Lampsilis altilis*	blue shiner, fine-lined pocketbook	250	Middle Choccolocco Creek
8575	imperiled	1	*Echinacea pallida*	pale-purple coneflower	170	Tallasseehatchee Creek
8656	imperiled	2	*Parnassia asarifolia, Platanthera lacera*	kidneyleaf grass-of-parnassus, green-fringed orchid	240	Upper Choccolocco Creek
8663	rare	1	*Elimia gerhardti*	coldwater elimia	240	Upper Choccolocco Creek
8664	critical	1	*Cyprinella caerulea*	blue shiner	240	Upper Choccolocco Creek
8724	critical	3	*Clematis socialis, Ptilimnium costatum, Sabatia capitata*	Alabama leather-flower, eastern bishop-weed, rose gentian	100	Upper Big Canoe Creek
8763	critical	1	*Cyprinella caerulea*	blue shiner	240	Upper Choccolocco Creek
8790	critical	1	*Etheostoma ditrema*	coldwater darter	170	Tallasseehatchee Creek
8823	critical	1	*Clematis socialis*	Alabama leather-flower	100	Upper Big Canoe Creek
8824	rare	1	*Silphium trifoliatum* var *latifolium*	rosinweed	100	Upper Big Canoe Creek
8827	critical	1	*Ptilimnium costatum*	eastern bishop-weed	100	Upper Big Canoe Creek
8899	critical	1	*Tulotoma magnifica*	Alabama livebearing snail	160, 170, 130	Ohatchee Creek, Tallasseehatchee Creek, Greens Creek
8908	critical	1	*Elimia chiltonensis*	prune elimia	150, 090	Shoal Creek, Coosa River/Neely Henry Reservoir
8922	critical	2	*Clematis socialis, Sabatia capitata*	Alabama leather-flower, rose gentian	100, 140	Upper Big Canoe Creek, Beaver Creek
8956	imperiled	1	*Desmognathus aeneus*	seepage salamander	240	Upper Choccolocco Creek
8973	rare	1	*Pituophis melanoleucus melanoleucus*	northern pine snake	170	Tallasseehatchee Creek
9053	critical	3	*Gentiana saponaria, Parnassia asarifolia, Rhyacophila teddyi*	soapwort gentian, kidneyleaf grass-of-parnassus, caddisfly	240	Upper Choccolocco Creek
9158	rare	1	*Gentiana saponaria*	soapwort gentian	240	Upper Choccolocco Creek
9160	critical	1	*Picoides borealis*	red-cockaded woodpecker	240	Upper Choccolocco Creek

Table G-2. Continued.

Hexagon ID	Type	# of EORs	Species Occurring in Hexagon		Subwatersheds Covered	
			Scientific Name	Common Name	HUC	Name
9163	critical	3	*Cyprinella caerulea, Hydroptila choccolocco, Hydroptila patriciae*	blue shiner, caddisfly, caddisfly	240	Upper Choccolocco Creek
9223	critical	1	*Elimia capillaris*	spindle elimia	100	Upper Big Canoe Creek
9252	critical	6	*Agapetus pinatus, Chimarra augusta, Dolophilodes major, Hydroptila talladega, Rhyacophila teddyi, Triaenodes taenia*	caddisfly, caddisfly, caddisfly, caddisfly, caddisfly, Cold Spring triaenodes caddisfly	240	Upper Choccolocco Creek
9253	imperiled	1	*Isotria verticillata*	large whorled pogonia	240	Upper Choccolocco Creek
9262	critical	1	*Cyprinella caerulea*	blue shiner	240	Upper Choccolocco Creek
9356	critical	1	*Picoides borealis*	red-cockaded woodpecker	240	Upper Choccolocco Creek
9370	rare	1	*Gentiana villosa*	striped gentian	240, 170	Upper Choccolocco Creek, Tallasseehatchee Creek
9457	critical	1	*Picoides borealis*	red-cockaded woodpecker	240	Upper Choccolocco Creek
9557	rare	1	*Jamesianthus alabamensis*	jamesianthus	240	Upper Choccolocco Creek
9571	rare	1	*Gentiana villosa*	striped gentian	170	Tallasseehatchee Creek
9574	critical	1	*Heterodon simus*	southern hognose snake	170	Tallasseehatchee Creek
9656	critical	4	*Elimia gerhardti, Jamesianthus alabamensis, Lepidostoma griseum, Pycnopsyche gentilis*	coldwater elimia, jamesianthus, caddisfly, caddisfly	240	Upper Choccolocco Creek
9657	rare	1	*Jamesianthus alabamensis*	jamesianthus	240	Upper Choccolocco Creek
9685	imperiled	1	*Desmognathus aeneus*	seepage salamander	170	Tallasseehatchee Creek
9722	critical	1	*Aster georgianus*	Georgia aster	100	Upper Big Canoe Creek
9758	critical	1	*Cyprinella caerulea*	blue shiner	240	Upper Choccolocco Creek
9829	critical	1	*Aster georgianus*	Georgia aster	100	Upper Big Canoe Creek
9830	rare	1	*Eumeces anthracinus*	coal skink	100	Upper Big Canoe Creek
9920	critical	1	*Aster georgianus*	Georgia aster	100	Upper Big Canoe Creek
9930	critical	1	*Aster georgianus*	Georgia aster	100	Upper Big Canoe Creek
10124	critical	2	*Lathyrus venosus, Trillium decumbens*	smooth veiny peavine, decumbent trillium	100	Upper Big Canoe Creek
10194	critical	3	*Dicentra cucullaria*, *Euonymus atropurpureus*, *Triosteum angustifolium*	Dutchman's breeches, wahoo, yellowleaf tinker's-weed	130, 160	Greens Creek, Ohatchee Creek
10226	critical	1	*Lysimachia fraseri*	Fraser's loosestrife	110	Little Canoe Creek
10325	critical	1	*Aneides aeneus*	green salamander	110, 100	Little Canoe Creek, Upper Big Canoe Creek
10393	critical	2	*Dicentra cucullaria, Viburnum bracteatum*	Dutchman's breeches, limerock arrowwood	030, 130	Big Cove Creek, Greens Creek
10524	imperiled	1	*Lilium canadense*	Canada lily	110	Little Canoe Creek
10592	critical	1	*Etheostoma ditrema*	coldwater darter	030	Big Cove Creek
10807	critical	1	*Clematis socialis*	Alabama leather-flower	070	Lower Big Wills Creek
11009	critical	1	*Aster georgianus*	Georgia aster	070	Lower Big Wills Creek
11016	imperiled	2	*Erythronium umbilicatum*, *Trillium flexipes*	dimpled fawn-lily, nodding trillium	070	Lower Big Wills Creek

Table G-2. Continued.

Hexagon ID	Type	# of EORs	Species Occurring in Hexagon		Subwatersheds Covered	
			Scientific Name	Common Name	HUC	Name
11017	critical	12	*Aplectrum hyemale, Aralia racemosa, Asplenium trichomanes, Celastrus scandens, Croomia pauciflora, Listera australis, Monarda clinopodia, Orobanche uniflora* (2), *Speyeria diana, Trillium decumbens, Triosteum angustifolium*	puttyroot, American spikenard, maidenhair spleenwort, climbing bittersweet, croomia, southern twayblade, basil bee-balm, one-flowered broomrape (2), Diana, decumbent trillium, yellowleaf tinker's-weed	070, 120	Lower Big Wills Creek, Lower Big Canoe Creek
11071	critical	1	*Silphium mohrii*	Mohr's rosinweed	010	Ballplay Creek
11402	imperiled	6	*Asplenium bradleyi, Bigelowia nuttallii, Bigelowia nuttallii - Coreopsis pulchra - Liatris microcephala, Cuscuta harperi, Lindernia monticola, Trichomanes petersii*	Bradley's spleenwort, Nuttall's rayless goldenrod, sandstone glade, Harper's dodder, Piedmont pimpernel, dwarf filmy-fern	080	Black Creek
11417	rare	1	*Plethodon websteri*	Webster's salamander	070	Lower Big Wills Creek
11418	imperiled	1	*Croomia pauciflora*	croomia	070	Lower Big Wills Creek
11502	imperiled	2	*Bigelowia nuttallii, Bigelowia nuttallii - Coreopsis pulchra – Liatris microcephala*	Nuttall's rayless goldenrod, sandstone glade	080	Black Creek
11503	imperiled	2	*Bigelowia nuttallii, Bigelowia nuttallii - Coreopsis pulchra - Liatris microcephala*	Nuttall's rayless goldenrod, sandstone glade	080	Black Creek
11505	imperiled	1	*Asplenium ruta-muraria*	wall rue spleenwort	070, 080	Lower Big Wills Creek, Black Creek
11984	critical	1	*Sarracenia oreophila*	green pitcher plant	010	Ballplay Creek
13688	critical	1	*Aneides aeneus*	green salamander	050, 080	Upper Big Wills Creek, Black Creek
13789	critical	3	AL DeKalb county cave, *Pseudanophthalmus alabamae* (2)	cave, a ground beetle (2)	050	Upper Big Wills Creek
13890	rare	1	*Trillium decumbens*	decumbent trillium	050	Upper Big Wills Creek
13994	critical	1	*Typhlichthys subterraneus*	southern cavefish	050	Upper Big Wills Creek
14087	critical	3	AL DeKalb county cave*, Myotis grisescens, Pseudanophthalmus alabamae*	cave, gray bat, a ground beetle	050	Upper Big Wills Creek
14386	critical	1	*Myotis grisescens*	gray bat	050	Upper Big Wills Creek
14886	imperiled	1	*Moxostoma* sp 1	grayfin redhorse	050	Upper Big Wills Creek
14986	critical	1	*Cyprinella caerulea*	blue shiner	050	Upper Big Wills Creek
15678	critical	4	AL DeKalb County cave, *Antrorbis breweri, Pseudanophthalmus alabamae, Scoterpes austrinus austrinus*	cave, snail, a ground beetle, a cave obligate millipede	050	Upper Big Wills Creek
16278	critical	1	*Typhlichthys subterraneus*	southern cavefish	050	Upper Big Wills Creek
16373	critical	2	AL DeKalb County cave*, Pseudanophthalmus alabamae*	cave, a ground beetle	050	Upper Big Wills Creek
16571	imperiled	1	*Talinum mengesii*	Menge's fame-flower	050, 03150105080	Upper Big Wills Creek, West Fork of the Little River

Table G-2. Continued

Hexagon ID	Type	# of EORs	Species Occurring in Hexagon		Subwatersheds Covered	
			Scientific Name	Common Name	HUC	Name
16671	critical	3	*Litocampa valentinei, Myotis grisescens, Pseudanophthalmus alabamae*	a cave obligate bristletail, gray bat, a ground beetle	050, 03150105080	Upper Big Wills Creek, West Fork of the Little River
17169	critical	2	AL DeKalb County cave*, Pseudanophthalmus alabamae*	cave, a ground beetle	050	Upper Big Wills Creek
17268	imperiled	1	*Viola canadensis*	Canada violet	050	Upper Big Wills Creek

APPENDIX H. Populated Place Locations and Nearby EORs in the Middle Coosa River Watershed.

Table H-1. Populated place locations identified from the EPA BASINS data in the Middle Coosa River watershed, Alabama. The hydrologic unit code (HUC) is the 3-digit subwatershed code of the 11-digit HUC; the first 8 digits are the same (03150106) for all MCR subwatersheds.

Populated Place	County	HUC
Agricola (subdivision)[a]	Etowah	080
Alabama City[a]	Etowah	080
Alexandria	Calhoun	170
Allison Mills	Talladega	330
Allsop	Calhoun	010
Alpha Springs	Autauga	300
Alpine	Talladega	330
Alpine Bay	Talladega	280
Anderson	Etowah	040
Angel	Calhoun	170
Anniston[b]	Calhoun	250
Arkwright	Shelby	310
Asberry	Calhoun	170
Ashville	St Clair	100
Attalla[a]	Etowah	070
Avery	Etowah	060
Avondale Village[c]	St Clair	200
Ayres	Jefferson	100
Ayres Estates (subdivision)	Jefferson	100
Bachelors Chapel	Etowah	030
Ball Flat	Cherokee	010
Ballplay	Etowah	010
Barclay	Talladega	330
Bath Springs	Etowah	040
Belle Vista	Talladega	320
Bellevue[a]	Etowah	080
Bemiston	Talladega	330
Bethel	Calhoun	160
Bethel	Talladega	160
Bethlehem	Etowah	110
Bethlehem	Talladega	110
Betta-Life (subdivision)[b]	Calhoun	170
Binghamtown	Talladega	230
Black Creek	Etowah	080
Blue Creek[b]	Tallapoosa	170
Blue Eye	Talladega	220
Blue Mountain[b]	Calhoun	250
Blue Pond (subdivision)[b]	Calhoun	250

Table H-1. Continued.

Populated Place	County	HUC
Blue Springs	Calhoun	170
Boiling Spring [b]	Calhoun	250
Boiling Springs	Calhoun	190
Bonny Brook	Calhoun	170
Booker T City	Calhoun	170
Bowden Grove	Clay	330
Branchville	St Clair	300
Brans Chapel	Etowah	060
Brecon (subdivision) [d]	Talladega	260
Briarfield	Talladega	280
Brice	Etowah	080
Brompton	St Clair	300
Brutonville	Calhoun	170
Burns	Calhoun	240
Burns Crossroad [b]	Calhoun	250
Bush [b]	Calhoun	190
Bynum [b]	Calhoun	270
Calcis	Shelby	310
Caldwell	St Clair	100
Camelot Plateau	Talladega	290
Campbell Springs	Clay	330
Campbells Crossroads	Clay	330
Cane Creek [b]	Calhoun	250
Cape Choccolocco	Talladega	270
Capri Islands	Talladega	270
Carara	Talladega	260
Carl Smith Subdivision	St Clair	290
Catatoga Estates (subdivision)	St Clair	290
Cave Springs	Etowah	060
Cedar Cove Estates	Talladega	280
Cedar Springs	Calhoun	170
Chandler Mountain	St Clair	100
Chandler Springs	Talladega	330
Cheaha Acres (subdivision) [b]	Calhoun	250
Chinnabee	Talladega	260
Choccolocco	Calhoun	250
Choccolocco Estates (subdivision)	Talladega	270
Chulavista	St Clair	300
Citico	Etowah	040
Clairmont Springs	Clay	330
Clear Creek Estates	Talladega	280
Clear Springs	Talladega	220
Cloverdale	Shelby	310
Clubview Heights [a]	Etowah	090
Coal City	St Clair	200

Table H-1. Continued.

Populated Place	County	HUC
Cobb City [a]	Etowah	030
Coldwater [b]	Calhoun	250
Collbran	DeKalb	050
Collinsville	DeKalb	050
Colony	Talladega	230
Colvin [a]	Etowah	030
Colvins Gap	Calhoun	160
Colwell	Calhoun	160
Cooks Springs	St Clair	300
Cool Springs	St Clair	100
Coosa Pines	Talladega	320
Copeland Bridge	DeKalb	050
Copeland Gap	Etowah	070
Couch	Calhoun	170
Country Club Estates	Talladega	280
Cox Gap	Etowah	060
Crestview Gardens [c]	St Clair	200
Creswell	Shelby	310
Crockertown	St Clair	300
Cropwell	St Clair	290
Crudup	Etowah	070
Crystal Springs	Calhoun	160
Curry	Talladega	260
Curtiston [a]	Etowah	070
Daisy	Etowah	040
Davis Acres (subdivision)	Talladega	290
Davis Subdivision	St Clair	290
De Soto Manor (subdivision)	Calhoun	270
DeArmanville	Calhoun	250
Dellwood (subdivision)	St Clair	200
Douglas [e]	DeKalb	050
Dry Valley	Talladega	270
Duck Springs	Etowah	060
Duke	Calhoun	160
Dunavant	Shelby	300
Dunrowin	St Clair	200
East Bend	Talladega	320
East Gadsden [a]	Etowah	030
Eastaboga	Calhoun	270
Eastwood (subdivision) [b]	Calhoun	170
Echo Hills (subdivision)	Talladega	220
Eden [c]	St Clair	300
Edwardsville	Etowah	040
Egypt	Etowah	070
Embry Bend	Talladega	210

Table H-1. Continued.

Populated Place	County	HUC
Embry Crossroads	Talladega	220
Enchanted Hills	St Clair	290
England Isle (subdivision)	Talladega	230
Erin	Clay	330
Estes Crossroads	Cherokee	010
Eulaton [b]	Calhoun	250
Eureka	Talladega	270
Eureka Shores (subdivision)	Talladega	270
Ewing [a]	Etowah	030
Fair Park	Talladega	330
Fairview	Etowah	080
Fairview	St Clair	080
Fairview Heights (subdivision)	St Clair	290
Feddisburg	Talladega	280
Ferguson Crossroad	St Clair	110
Fishtrap	Talladega	280
Flanders	DeKalb	070
Forest Hills (subdivision) [b]	Calhoun	250
Forest Hills (subdivision)	St Clair	250
Fort Payne [e]	DeKalb	050
Four Mile	Calhoun	170
Francis	Calhoun	170
Friendship	Calhoun	250
Gadsden [a]	Etowah	040
Gallant	Etowah	110
Gauldinville [b]	Calhoun	250
Gilbert	St Clair	100
Glen City [c]	St Clair	200
Glencoe [a]	Etowah	030
Gnatville	Cherokee	010
Golden Springs [b]	Calhoun	250
Goodwins Mill	St Clair	100
Goodyear [a]	Etowah	030
Grant Town	Talladega	250
Grasmere	Talladega	320
Grayton	Calhoun	170
Green Acres Estates	St Clair	300
Greenwood	Etowah	070
Griffitts Lake Shore Subdivision	Talladega	280
Gunthertown	Clay	330
Hall Grove	Talladega	260
Halls Chapel [b]	Calhoun	190
Hammondville	DeKalb	050
Happy Hill	Etowah	060
Happy Hollow [a]	Etowah	070

Table H-1. Continued.

Populated Place	County	HUC
Hardwick	St Clair	150
Harmon (subdivision)	St Clair	290
Harmony	Calhoun	250
Harrisburg[c]	St Clair	300
Havilah Hills Estates (subdivision)	St Clair	140
Hendrixville	DeKalb	060
Hepzibah	Talladega	280
Hicks	Calhoun	250
Hillcrest (subdivision)[b]	Calhoun	190
Hobson City[b]	Calhoun	250
Hokes Bluff[a]	Etowah	030
Holley Crossroads	Calhoun	240
Hollingsworth	Calhoun	240
Holly Springs	Calhoun	250
Hood	St Clair	100
Hooks Lake Subdivision (subdivision)[a]	Etowah	040
Hopeful	Talladega	260
Horton	DeKalb	050
Howells Cove	Talladega	280
Howelton	Etowah	070
Hughes Mill	DeKalb	050
Hunting Ridge (subdivision)	St Clair	290
Ilamo (subdivision)	St Clair	200
Ingram Wells	Calhoun	170
Iron City	Calhoun	250
Ironaton	Talladega	260
Ivalee	Etowah	070
Jacksonville[b]	Calhoun	170
Jenifer	Talladega	250
Jenkins	Calhoun	240
Jo Dell (subdivision)[b]	Calhoun	250
Jonesview	Talladega	280
Jonesville (subdivision)[d]	Talladega	330
Jonny Smith Subdivision	St Clair	290
Joseph Springs	Calhoun	250
Keener	Etowah	070
Kentuck	Talladega	250
Keysburg[a]	Etowah	030
Killian Mill	DeKalb	050
Kings Chapel	Talladega	320
Kingston	Talladega	330
Knightens Crossroads	Calhoun	010
Knoxville[b]	Calhoun	250
Kymulga	Talladega	330
Kyser Leonard Lakefront Estates (subdivision)	Talladega	280

Table H-1. Continued.

Populated Place	County	HUC
Kyuka	Etowah	060
Lakeview (subdivision) [b]	Calhoun	250
Lakeview (subdivision)	St Clair	250
Lakewood	DeKalb	050
Laney	Calhoun	160
Laney	Calhoun	160
Laniers	Talladega	320
Lardent [b]	Calhoun	250
Lawley	Shelby	300
Lay Springs	Etowah	080
Lazy V Lake Acres	St Clair	300
Leatherwood [b]	Calhoun	190
Lebanon	DeKalb	050
Ledbetter	Talladega	330
Lenlock (subdivision) [b]	Calhoun	190
Lester [a]	Etowah	070
Letchers [b]	Calhoun	250
Leydens Mill	Calhoun	170
Liberty Hill	Cleburne	240
Lincoln	Talladega	220
Littleton	Etowah	070
Logan Martin Lake Estates	St Clair	290
Logan Martin Pines	St Clair	290
Lowrimores Crossroads	Calhoun	170
Luke	Etowah	030
Macon	Calhoun	190
Mahlep [b]	Calhoun	190
Mardisville	Talladega	330
Markton [a]	Etowah	130
Martins Mill	Talladega	220
Maryville	Etowah	070
Maxwellborn	Calhoun	170
Mayes Crossroad	Etowah	030
Mays Bend	St Clair	290
McAding	Talladega	250
McCannsville (subdivision)	Talladega	330
McElderry	Talladega	260
McKibben [b]	Calhoun	250
Meadowbrook (subdivision) [b]	Calhoun	250
Mechanicsville (subdivision) [b]	Calhoun	250
Melrose [b]	Calhoun	170
Merrellton	Calhoun	170
Middleton	Calhoun	170
Minvale [e]	DeKalb	050
Mitchellville	Calhoun	170

Table H-1. Continued.

Populated Place	County	HUC
Monte Vista [a]	Etowah	080
Moorefield (subdivision) [d]	Talladega	330
Moragne	Etowah	070
Morgans Crossroads [a]	Etowah	070
Morrisville	Calhoun	190
Mount Olive	Calhoun	210
Mount Olive Circle (subdivision)	Talladega	330
Mount Polk	Calhoun	160
Munford	Talladega	250
Murrycross	Etowah	020
New Haven [b]	Calhoun	250
New Liberty	Calhoun	160
New London	St Clair	310
Noble Hill	Etowah	070
Noojinsville [a]	Etowah	030
Northside [a]	Etowah	040
Norton	Etowah	070
Nottingham	Talladega	330
Oak Hill [b]	Talladega	250
Oak Level	Calhoun	160
Oak Ridge [c]	St Clair	200
Oakdale	Etowah	080
Odenville	St Clair	140
Ohatchee	Calhoun	170
Old Davisville	Calhoun	250
Old Eastaboga	Talladega	270
Old Harmony [a]	Etowah	120
Ottery	Calhoun	130
Owens	Etowah	020
Oxanna [b]	Calhoun	250
Oxford [b]	Calhoun	250
Park Hill [c]	St Clair	200
Parkwood (subdivision) [b]	Calhoun	190
Peaceburg	Calhoun	190
Pelham Heights [b]	Calhoun	190
Pell City [c]	St Clair	200
Piedmont Springs	Calhoun	170
Pilgrims Rest (subdivision) [a]	Etowah	130
Pine Grove [a]	Cherokee	010
Pine Grove [a]	Etowah	010
Pine Orchard (subdivision)	St Clair	290
Pinedale Shores	St Clair	100
Plantersville	Talladega	330
Pleasant Grove	Talladega	270
Pleasant Grove	St Clair	270

Table H-1. Continued.

Populated Place	County	HUC
Pleasant Hill	Etowah	060
Pleasant Ridge	Calhoun	250
Pleasant Valley[c]	St Clair	200
Pleasant Valley (subdivision)[a]	Etowah	070
Plum Springs	Talladega	270
Portersville	DeKalb	050
Possum Trot	Calhoun	170
Post Oak	Calhoun	170
Prescott	St Clair	300
Prices	Calhoun	170
Prickettville	Calhoun	170
Providence	Talladega	270
Pulliamville (subdivision)[d]	Talladega	330
Pyriton	Clay	330
Rabbittown	Calhoun	240
Ragan Chapel	Calhoun	170
Ragland	St Clair	200
Rainbow City[a]	Etowah	070
Ramsey	Etowah	120
Reads Mill	Calhoun	160
Reaves	Etowah	030
Reece City	Etowah	070
Refuge	Talladega	210
Renfroe	Talladega	280
Reubenville	Talladega	330
Reynolds Mill	Talladega	330
Richeytown	Talladega	250
Ridgeville	Etowah	060
River Terrace Estates (subdivision)	Talladega	290
Riveria Estates (subdivision)	St Clair	290
Riverside[a]	Etowah	130
Riverside[a]	St Clair	130
Rock Inn Estates (subdivision)	St Clair	290
Rock Spring[a]	Etowah	030
Rockledge	Etowah	070
Rocky Ridge	Talladega	280
Roy Webb	Calhoun	010
Saint Clair Forest	St Clair	300
Saint Clair Shores	St Clair	290
Saint Clair Springs	St Clair	100
Saint Ives	Talladega	280
Saks[b]	Calhoun	190
Scenic Heights[a]	Etowah	080
Scrougeout	Etowah	080
Seddon[c]	St Clair	200

Table H-1. Continued.

Populated Place	County	HUC
Shelton Lake Shores (subdivision)	Talladega	270
Sherman Heights [b]	Calhoun	190
Sherwood Shores (subdivision)	Talladega	210
Shiloh	Etowah	110
Shocco Springs	Talladega	330
Siberton [a]	Etowah	070
Silver Run	Talladega	250
Slackland	Cherokee	020
Sliocco Springs	Talladega	330
Smelley	Talladega	330
Smiths Crossroads	Etowah	030
Smiths Mill	Talladega	270
Sonoma	Etowah	040
South Gadsden [a]	Etowah	080
Southside [a]	Etowah	130
Spring Valley (subdivision) [b]	Calhoun	250
Spring Valley Estates	St Clair	300
Springhill	Clay	330
Springville	St Clair	100
Springville Lake Estates	St Clair	100
Steele	St Clair	100
Stemley	Talladega	280
Stemley Cove	St Clair	290
Sterrett	Shelby	300
Stewarts	St Clair	300
Stewarts Crossroads	St Clair	300
Stockdale	Talladega	260
Stowers Hill (subdivision) [a]	Etowah	070
Sulphur Springs	Calhoun	170
Sulphur Springs	Calhoun	170
Sweet Home	Talladega	250
Tabor	Etowah	080
Talladega [d]	Talladega	330
Tanyard	St Clair	300
Tarsus [b]	Calhoun	250
Ten Islands	Calhoun	130
The Brick Store	Talladega	250
The Highlands [a]	Etowah	080
Thornhill	Talladega	330
Tredegar	Calhoun	170
Trinity [b]	Calhoun	250
Tuckahoe Heights [a]	Etowah	080
Tucktown	Talladega	280
Turkeytown	Etowah	040
Turner	Talladega	260

Table H-1. Continued.

Populated Place	County	HUC
Twin Lake Estates	St Clair	300
Union	Calhoun	170
Upton	Etowah	040
Valley Head	DeKalb	050
Vandiver	Shelby	300
Vincent	Shelby	310
Vincent	Shelby	310
Vinnette [b]	Calhoun	250
Waldo	Talladega	330
Walker Subdivision	St Clair	200
Walkerton [c]	St Clair	300
Walnut Park [a]	Etowah	070
Wattsville	St Clair	200
Wayside (subdivision) [b]	Calhoun	250
Weathers	Clay	330
Weaver [b]	Calhoun	170
Webster Chapel	Calhoun	160
Wellborn [b]	Calhoun	250
Wellington	Calhoun	170
Wendy Wood (subdivision)	Talladega	280
West End Anniston [b]	Calhoun	250
West Point	Calhoun	170
West Wellington	Calhoun	170
White	Calhoun	240
White Plains	Calhoun	240
Whites Chapel	Etowah	040
Whites Gap	Calhoun	170
Whitesides Mill	Calhoun	240
Whitney	St Clair	100
Whitney Junction	St Clair	100
Williams	Etowah	120
Willingham Estates	Talladega	280
Wills Valley	DeKalb	050
Wilsonia	Etowah	040
Winburn	Shelby	300
Windsong Island	Talladega	280
Wolf Creek	St Clair	300
Woodland Park (subdivision) [b]	Calhoun	250
Woodmont (subdivision)	St Clair	200
Woody Acres	St Clair	300
Woolfolk	Talladega	260

Table H-1. Continued.

Populated Place	County	HUC
Yatesville	Talladega	220

[a] – within the Gadsden boundaries delineated in the urbanized areas file
[b] – within the Anniston boundaries delineated in the urbanized areas file
[c] – within the Pell City urban cluster delineated in the urban areas TIGER/line file
[d] – within the Talladega urban cluster delineated in the urban areas TIGER/line file
[e] – within the Fort Payne urban cluster delineated in the urban areas TIGER/line file

Table H-2. Alabama Natural Heritage Program[SM] Element Occurrence Records (EOR) in the Middle Coosa River watershed within urban areas identified from TIGER/line files. The hydrologic unit code (HUC) is the 3-digit subwatershed code of the 11-digit HUC; the first 8 digits are the same (03150106) for all MCR subwatersheds.

HUC	Major Taxonomic Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	USGS Topographic Quadrangle	Section	Urban Area	Date Last Observed
030	Fish	*Etheostoma ditrema*	coldwater darter	G1G2	S1		SP	Glencoe	29	Gadsden	08/24/1994
030	Vascular Plants	*Dicentra cucullaria*	Dutchman's breeches	G5	S2			Glencoe	6	Gadsden	04/26/1968
070	Vascular Plants	*Aster georgianus*	Georgia aster	G2G3	S2S3	C		Dunaway Mountain	14	Gadsden	10/24/1978
070	Vascular Plants	*Clematis socialis*	Alabama leather-flower	G1	S1	LE		Dunaway Mountain	14	Gadsden	05/22/2001
080	Natural Communities	*Bigelowia nuttallii - Coreopsis pulchra -Liatris microcephala*	sandstone glade	G2?	S2			Gadsden West	29	Gadsden	12/08/1993
080	Natural Communities	*Bigelowia nuttallii - Coreopsis pulchra - Liatris microcephala*	sandstone glade	G2?	S2			Gadsden West	29	Gadsden	12/08/1993
080	Natural Communities	*Bigelowia nuttallii - Coreopsis pulchra - Liatris microcephala*	sandstone glade	G2?	S2			Gadsden West	29	Gadsden	12/08/1993
080	Vascular Plants	*Asplenium bradleyi*	Bradley's spleenwort	G4	S2			Gadsden West	29	Gadsden	09/25/1989
080	Vascular Plants	*Asplenium ruta-muraria*	wall rue spleenwort	G5	S2			Gadsden West	25	Gadsden	07/01/1877
080	Vascular Plants	*Bigelowia nuttallii*	Nuttall's rayless goldenrod	G3G4	S3			Gadsden West	29	Gadsden	12/08/1993
080	Vascular Plants	*Bigelowia nuttallii*	Nuttall's rayless goldenrod	G3G4	S3			Gadsden West	29	Gadsden	12/08/1993
080	Vascular Plants	*Bigelowia nuttallii*	Nuttall's rayless goldenrod	G3G4	S3			Gadsden West	29	Gadsden	12/08/1993
080	Vascular Plants	*Cuscuta harperi*	Harper's dodder	G2	S2			Gadsden West	29	Gadsden	10/12/1997
080	Vascular Plants	*Lindernia monticola*	piedmont pimpernel	G4	S3			Gadsden West	29	Gadsden	04/26/1959
080	Vascular Plants	*Trichomanes petersii*	dwarf filmy-fern	G4G5	S2			Gadsden West	29	Gadsden	07/13/1949
170	Vascular Plants	*Echinacea pallida*	pale-purple coneflower	G4	S2			Anniston	10	Anniston	05/23/1979
250	Amphibians	*Ambystoma tigrinum*	tiger salamander	G5	S3	PS [a]		Eulaton	15	Anniston	12/09/1966

[a] *Ambystoma tigrinum stebbensi*, LE rangewide; Arizona, Mexico

Table H-3. Alabama Natural Heritage Program[SM] Element Occurrence Records not contained in an urban area within 1 km of populated place locations (PPL) or urban areas (UA) identified from EPA BASINS and TIGER/line data in the Middle Coosa River (MCR) watershed. The hydrologic unit code (HUC) is the 3-digit subwatershed code of the 11-digit HUC; the first 8 digits are the same (03150106) for all MCR subwatersheds.

HUC	Major Taxonomic Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	USGS Topographic Quadrangle	Section	Date Last Observed	Closest UA or PPL
030	Vascular Plants	*Viburnum bracteatum*	limerock arrowwood	G1	S1			Glencoe	6	10/03/1952	Gadsden
050	Natural Feature	AL DeKalb county cave	cave					Fort Payne			Fort Payne
050	Natural Feature	AL DeKalb county cave	cave					Fort Payne			Fort Payne
050	Diplopoda	*Scoterpes austrinus austrinus*	a cave obligate millipede	G3G4 T3T4	S?			Fort Payne			Fort Payne
050	Fish	*Cyprinella caerulea*	blue shiner	G2	S1	LT	SP	Portersville	5	09/11/1958	Lebanon
050	Fish	*Moxostoma* sp 1	grayfin redhorse	G3	S2			Portersville	05,08	05/28/1976	Lebanon
050	Insects	*Pseudanophthalmus alabamae*	a ground beetle	G1G2	S?			Fort Payne			Fort Payne
050	Insects	*Pseudanophthalmus alabamae*	a ground beetle	G1G2	S?			Fort Payne			Fort Payne
050	Mammals	*Myotis grisescens*	gray bat	G3	S2	LE	SP	Portersville	29	07/01/1992	Portersville
050	Snails	*Antrorbis breweri*	Manitou cavesnail	G1	S1			Fort Payne	18	09/16/1988	Fort Payne
070	Vascular Plants	*Croomia pauciflora*	croomia	G3	S2			Howelton	25	04/13/1969	Gadsden
100	Snails	*Elimia capillaris*	spindle elimia	G1	S1			Ashville	5	08/31/1990	Ashville
130	Vascular Plants	*Dicentra cucullaria*	Dutchman's breeches	G5	S2			Glencoe	12	03/22/1984	Gadsden
130	Vascular Plants	*Euonymus atropurpureus*	wahoo	G5	S3			Glencoe	12	05/21/1976	Gadsden
130	Vascular Plants	*Triosteum angustifolium*	yellowleaf tinker's-weed	G5	S1			Glencoe	12	04/28/1970	Gadsden
170	Reptiles	*Heterodon simus*	southern hognose snake	G2	SH		SP	Jacksonville West	1	09/27/1968	Anniston
170	Reptiles	*Pituophis melanoleucus melanoleucus*	northern pine snake	G4T4	S3			Jacksonville West	35	04/27/1970	Anniston
170	Vascular Plants	*Gentiana villosa*	striped gentian	G4	S3			Jacksonville East	7	11/01/1986	Anniston
190	Insects	*Protoptila maculata*	caddisfly	G?	S2			Eulaton	13		Morrisville
190	Mussels	*Villosa nebulosa*	Alabama rainbow	G3	S3			Eulaton	13		Morrisville
190	Snails	*Elimia gerhardti*	coldwater elimia	G5	S3S4			Eulaton	13	06/15/1993	Anniston
190	Vascular Plants	*Equisetum arvense*	field horsetail	G5	S2			Eulaton	13	05/07/1979	Morrisville
190	Vascular Plants	*Platanthera flava* var *flava*	southern rein orchid	G4T4? Q	S2S3			Eulaton	15	09/02/1992	Anniston
190	Vascular Plants	*Trillium lancifolium*	narrow-leaved trillium	G3	S2S3			Eulaton	15	04/07/1993	Anniston

Table H-3. Continued.

HUC	Major Taxonomic Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	USGS Topographic Quadrangle	Section	Date Last Observed	Closest UA or PPL
190	Vascular Plants	*Xyris tennesseensis*	Tennessee yellow-eyed grass	G2	S1	LE		Eulaton	13	09/09/1992	Morrisville
190	Vascular Plants	*Xyris tennesseensis*	Tennessee yellow-eyed grass	G2	S1	LE		Eulaton	27	12/10/1992	Anniston
240	Fish	*Cyprinella caerulea*	blue shiner	G2	S1	LT	SP	Choccolocco	2	06/11/1974	Whitesides Mill
240	Insects	*Agapetus iridis*	caddisfly	G?	S1			Choccolocco	14		White
240	Snails	*Elimia gerhardti*	coldwater elimia	G5	S3S4			Choccolocco	11	06/19/1992	Whitesides Mill
250	Amphibians	*Ambystoma tigrinum*	tiger salamander	G5	S3	PS [a]		Choccolocco	2	06/16/1978	Iron City
250	Fish	*Cottus paulus*	pygmy sculpin	G1	S1	LT	SP	Munford	29	07/24/1992	Anniston
250	Fish	*Cyprinella caerulea*	blue shiner	G2	S1	LT	SP	Eastaboga	17	09/05/1957	Turner
250	Fish	*Cyprinella caerulea*	blue shiner	G2	S1	LT	SP	Hollis Crossroads	19	10/15/1969	Anniston
250	Fish	*Etheostoma ditrema*	coldwater darter	G1G2	S1		SP	Munford	32	08/31/1964	Anniston
250	Fish	*Etheostoma ditrema*	coldwater darter	G1G2	S1		SP	Munford	29	04/30/1992	Anniston
250	Fish	*Etheostoma ditrema*	coldwater darter	G1G2	S1		SP	Hollis Crossroads	19	01/27/1969	Anniston
250	Insects	*Pycnopsyche virginica*	caddisfly	G?	S1			Munford	29		Anniston
250	Reptiles	*Heterodon simus*	southern hognose snake	G2	SH		SP	Munford	20	04/04/1967	Anniston
250	Reptiles	*Pituophis melanoleucus melanoleucus*	northern pine snake	G4T4	S3			Choccolocco	21	05/01/1969	Pleasant Ridge
250	Snails	*Elimia bellula*	walnut elimia	G1	S1			Eastaboga	9	02/20/1987	The Brick Store
250	Snails	*Elimia bellula*	walnut elimia	G1	S1			Eastaboga	17	06/30/1992	Turner
250	Snails	*Elimia gerhardti*	coldwater elimia	G5	S3S4			Eastaboga	9	02/20/1987	The Brick Store
250	Snails	*Elimia gerhardti*	coldwater elimia	G5	S3S4			Eastaboga	17	06/30/1992	Turner
250	Snails	*Leptoxis taeniata*	painted rocksnail	G1	S1	LT	SP	Eastaboga	17	06/30/1992	Turner
250	Vascular Plants	*Lonicera flava*	yellow honeysuckle	G5?	S3			Anniston	3	05/19/1993	Anniston
260	Snails	*Elimia crenatella*	lacey elimia	G1	S1	LT	SP	Eastaboga	20	06/30/1992	Turner
260	Snails	*Elimia gerhardti*	coldwater elimia	G5	S3S4			Eastaboga	20	06/30/1992	Turner
270	Amphibians	*Ambystoma tigrinum*	tiger salamander	G5	S3	PS [a]		Munford	27	04/05/1967	Anniston

[a] *Ambystoma tigrinum stebbensi*, LE rangewide; Arizona, Mexico

Table H-3. Continued.

HUC	Major Taxonomic Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	USGS Topographic Quadrangle	Section	Date Last Observed	Closest UA or PPL
270	Reptiles	*Heterodon simus*	southern hognose snake	G2	SH		SP	Munford	27	05/22/1968	Anniston
270	Snails	*Elimia bellula*	walnut elimia	G1	S1			Riverside	9	10/24/1991	Smiths Mill
270	Snails	*Elimia gerhardti*	coldwater elimia	G5	S3S4			Riverside	9	10/24/1991	Smiths Mill
270	Snails	*Leptoxis taeniata*	painted rocksnail	G1	S1	LT	SP	Riverside	9	10/24/1991	Smiths Mill
280	Vascular Plants	*Aster georgianus*	Georgia aster	G2G3	S2S3	C		Sleeping Giants	27	10/14/1893	Renfroe
300	Snails	*Elimia gerhardti*	coldwater elimia	G5	S3S4			Cooks Springs	9	03/14/1992	Prescott
300	Snails	*Elimia gerhardti*	coldwater elimia	G5	S3S4			Cooks Springs	33	03/14/1992	Lawley
310	Mussels	*Epioblasma othcaloogensis*	southern acornshell	GHQ	SH	LE	SP	Vincent	24	09/26/1966	Cloverdale
310	Mussels	*Pleurobema decisum*	southern clubshell	G1G2	S1S2	LE	SP	Vincent	24	09/26/1966	Cloverdale
310	Mussels	*Ptychobranchus greenii*	triangular kidneyshell	G1	S1	LE	SP	Vincent	24	09/26/1966	Cloverdale
330	Snails	*Elimia gerhardti*	coldwater elimia	G5	S3S4			Talladega	17	10/02/1992	Waldo
330	Snails	*Elimia gerhardti*	coldwater elimia	G5	S3S4			Sleeping Giants	5	11/03/1992	Talladega

APPENDIX I. Discharge Sites Identified from EPA's Better Assessment Science Integrating point and Nonpoint Sources (BASINS) Data in the Middle Coosa River Watershed and Alabama Natural Heritage Program[SM] Element Occurrence Records <1 km from the discharge sites.

Table I-1. National Pollutant Discharge Elimination System (NPDES) permit compliance system (PCS) sites identified from EPA BASINS data in the Middle Coosa River watershed, Alabama. The hydrologic unit code (HUC) is the 3-digit subwatershed code of the 11-digit HUC; the first 8 digits are the same (03150106) for all MCR subwatersheds.

Facility Name	City	County	HUC	Status	Principal Activity Causing the Discharge	Receiving Water
AAA Plumbing Pottery Co. Gadsden	Gadsden	Etowah	120	active	vitreous china table & kitchen articles	Dry Creek
AL DOC St. Clair Correctional Facility	Saint Clair Springs	Saint Clair	100	active	correctional institutions	Little Canoe Creek
AL Power Co. – Logan Martin Hydroelectric Plant	Vincent	Shelby	310	inactive	electrical services	Coosa River
AL Power Co. – Gadsden Steam Plant	Gadsden	Etowah	030	active	electrical services	Coosa River
AL Sheriffs Boys And Girls Ranches Waste Water Treatment Plant	Pell City	Saint Clair	300	active	individual and family services	tributary of Shoal Creek
Alabama Oil Co. of Etowah County	Gadsden	Etowah	040	inactive	gasoline service stations	Coosa River via storm sewer
Alabama Plating, Vincent	Vincent	Jefferson	310	inactive	metal coating & allied service	Spring Creek
Alabama Power Company	Ragland	Saint Clair	130	inactive	electrical services	Coosa River
Anniston Fort McClellan Waste Water Treatment Plant	Anniston	Calhoun	190	active	sewerage systems	Cane Creek
Anniston Water Sewage Board - Choccolocco Creek Waste Water Treatment Plant	Anniston	Calhoun	250	active	sewerage systems	Choccolocco Creek
Ashville Lagoon	Ashville	Saint Clair	100	active	sewerage systems	Big Canoe Creek
Attalla Casting Company	Attalla	Etowah	070	inactive	gray iron foundries	Big Wills Creek via storm ditch
Attalla City WWT Lagoon	Attalla	Etowah	090	active	sewerage systems	Coosa River
Attalla City Waste Water Treatment Plant	Attalla	Etowah	060	active	water supply	Big Wills Creek
Barber Pure Milk Company	Oxford	Calhoun	190	active	ice cream and frozen desserts	tributary to Choccolocco Creek
Benjamin Moore And Company	Pell City	Saint Clair	200	active	paints/varnish/lacquers/enamel	Fishing Creek
Blount Springs Sand and Gravel – Glencoe Quarry	Etowah County	Etowah	30	active	crushed and broken limestone	tributary to Cove Creek
Blue Mountain Industries, Blue Mountain	Blue Mountain	Calhoun	250	inactive	thread mills	Cane Cr.
Cagles Collinsville	Collinsville	De Kalb	50	active	poultry slaughtering & process	Big Wills Creek

Table I-1. Continued.

Facility Name	City	County	HUC	Status	Principal Activity Causing the Discharge	Receiving Water
Calhoun Asphalt Co. Sims Pit	Etowah County	Etowah	90	active	construction sand and gravel	Coosa River groundwater
Calhoun Co. Board of Education - Alexandria School	Alexandria	Calhoun	170	active	elementary & secondary schools	tributary to Alexandria Creek
Camp And Assembly Sumatanga Waste Water Treatment Plant	Saint Clair County	Saint Clair	70	active	sporting & recreational camps	Little Canoe Creek
Chevron USA, Oxford Terminal	Oxford	Calhoun	250	inactive	petroleum bulk stations & terminals – wholesale	ditch to Choccolocco Creek
Childersburg Waste Water Sewage Board - Pinecrest Lagoon	Childersburg	Talladega	330	active	sewerage systems	Talladega Creek
Coosa Coal Sales Inc. Coosa Yard	Talladega County	Talladega	320	active	marine cargo handling	tributary to Coosa River
Coosa Sand And Gravel Sewell Pit	Etowah County	Etowah	10	active	construction sand and gravel	Coosa River groundwater
Covington Stone Fort Payne Quarry	De Kalb County	De Kalb	50	active	crushed and broken limestone	tributary to Dry Creek
CSX Corp. (Seaboard System Railroad), Gadsden	Gadsden	Etowah	70	inactive	railroads, line haul operating	Coosa River tributary
Dumont Goose Creek Transportation Facility	Talladega County	Talladega	320	inactive	marine cargo handling	tributary to Coosa River
Emco Inc	Gadsden	Etowah	30	inactive	small arms	tributary to Coosa River
Etowah Chemical Sales And Svc	Gadsden	Etowah	80	active	chemicals and allied products	tributary to Black Creek
Exxon Company, USA/ Birmingham	Birmingham	Jefferson	260	inactive	petroleum bulk stations & terminals – wholesale	tributary to Valley Creek
Fisher Industrial Service Inc.	Glencoe	Etowah	30	active	industrial organic cyclic compounds	Little Cove Creek
FMC Corporation – Steel Products Division, Anniston	Anniston	Calhoun	250	inactive	iron and steel forgings	tributary to Snow Creek
Fort Payne City Waste Water Treatment Plant	Fort Payne	De Kalb	50	active	sewerage systems	Big Wills Creek
Fort Payne Water Works Board Water Treatment Plant	Fort Payne	De Kalb	50	active	water supply	Big Wills Creek
Gadsden City East River Waste Water Treatment Plant	Gadsden	Etowah	30	active	sewerage systems	Coosa River
Gadsden City Water Filtration Plant	Gadsden	Etowah	40	active	water supply	Coosa River
Gadsden City West River Waste Water Treatment Plant	Gadsden	Etowah	90	active	sewerage systems	Coosa River
Glencoe Waste Water Sewage Board Lagoon	Glencoe	Etowah	30	active	sewerage systems	Coosa River
Goodyear Tire & Rubber, Gadsden	Gadsden	Etowah	30	active	tires and tubes	Nowlin Branch
Gulf States Steel	Gadsden	Etowah	80	inactive	blast furnace products/steel works	Black Creek
Gulf States Steel Inc	Gadsden	Etowah	80	active	blast furnace products/steel works	Black Creek

Table I-1. Continued.

Facility Name	City	County	HUC	Status	Principal Activity Causing the Discharge	Receiving Water
Hoover Group Inc.	Anniston	Calhoun	250	inactive	repair shops & related service	tributary to Choccolocco Creek
Ira Phillips Inc./ Texaco Station	Gadsden	Etowah	80	inactive	nonclassifiable establishments	Black Creek
Jacksonville City Waste Water Treatment Plant	Jacksonville	Calhoun	170	active	sewerage systems	Williams Branch to Tallasseehatchee Creek
Jenco Petro Broken Arrow Creek	St Clair County	Saint Clair	200	inactive	crude petroleum & natural gas	Broken Arrow Creek Site
Jordan Hatchery Inc. Fort Payne	Fort Payne	De Kalb	50	active	poultry hatcheries	Drainage Ditch to Big Wills Creek
Landfill Clays Inc. Mine	Calhoun County	Calhoun	250	active	clays (common) quarrying – not in conjunction with manufacturing	tributary to Choccolocco Creek
Lee Brass Co. – Anniston	Anniston	Calhoun	250	active	nonferrous metal foundries, except aluminum, copper, and die casting	Choccolocco Creek
Lincoln City Southside Waste Water Treatment Plant	Lincoln	Talladega	120	active	sewerage systems	Coosa River
Louis Dryfus Energy Corp. Birmingham	Birmingham	Jefferson	250	inactive	petroleum bulk stations & term	tributary to Nabors Branch
Luzenac America Alpine Preparation Plant	Talladega County	Talladega	330	inactive	misc nonmetal minerals, nec	Talladega Creek
M and M Chemical Company	Attalla	Etowah	70	active	chemicals & chem prep, nec	Little Wills Creek
MSR Margaret Sanie Mine	St Clair County	Saint Clair	100	inactive	bituminous coal & lig, surface	Crooked Creek
McCartney Construction Company – Frinak Pit	Cherokee County	Cherokee	10	active	crushed and broken limestone	tributary to Ballplay Creek
McCartney Construction Company – Speedway Quarry	Talladega County	Talladega	270	active	crushed and broken limestone	tributary to Choccolocco Creek Eastaboga Creek
McCartney Construction Company – Coldwater Quarry	Baldwin County	Baldwin	250	active	construction sand and gravel	Pole Cat Branch
Mid-South Electrics Inc., Gadsden	Gadsden	Etowah	40	inactive	electric house wares and fans	tributary of Town Creek via Storm Sewer
Morris Oil Company, Inc. – Gadsden	Gadsden	Etowah	70	inactive	petroleum bulk stations & terminals – wholesale	Tributary of Horton Creek
Mountain View Baptist Hospital	Gadsden	Etowah	80	active	general medical/surgical hospital	Tributary of Black Creek
National Cement Blue Spring Fork Facility	St Clair County	Saint Clair	200	active	crushed and broken limestone	Trout Creek Blue Spring Fork
National Cement Company – Beaver Creek Facility	St Clair County	Saint Clair	140	active	kaolin and ball clay	Beaver Creek
NGC Industries Inc.	Oxford	Calhoun	250	active	paperboard mills	Choccolocco Creek - tributary of Coldwater
Odenville Utilities Board Waste Water Treatment Plant	Odenville	Saint Clair	100	active	elementary & secondary schools	Little Canoe Creek

Table I-1. Continued.

Facility Name	City	County	HUC	Status	Principal Activity Causing the Discharge	Receiving Water
Opelika Materials Aggregate Operation	St Clair County	Saint Clair	140	active	crushed and broken limestone	tributary of Beaver Creek
Oxford City (Oxford Tull C Allen) Waste Water Treatment Plant	Oxford	Calhoun	250	active	sewerage systems	Choccolocco Creek
Pell City - Dye Creek Waste Water Treatment Plant	Pell City	Saint Clair	20	active	sewerage systems	Coosa River
Ragland Housing Authority	Ragland	Saint Clair	200	active	operators of apart buildings	tributary of Trout Creek
Riverside Refraction – Brush Pond Mine	St Clair County	Saint Clair	290	active	clay, ceramic & refractive materials	tributary of Logan Martin Lake
Sagna Inc. – Sand & Gravel Mine	Etowah County	Etowah	20	inactive	construction sand and gravel	Coosa River, groundwater
San Ann Service Station	Gadsden	Etowah	90	inactive	gasoline service stations	Coosa River
Shoal Creek Country Club Waste Water Treatment Plant	Shelby County	Shelby	300	active	physical fitness facilities	Shoal Creek
Solutia Inc.	Anniston	Calhoun	250	active	industrial organic cyclic compounds, organic chemicals	Snow Creek
Southern Natural Gas Company – Talladega	Talladega County	Talladega	270	inactive	natural gas transmission	Poorhouse Branch
Southern Natural Gas Company - Etowah	Etowah County	Etowah	120	inactive	natural gas transmission	Dry Creek
Southern Tool And Machine Co.	Anniston	Calhoun	190	inactive	steel investment foundries	Choccolocco Creek
Southside Waste Water Sewage Board Waste Water Treatment Plant – Waste Stab Pond	Southside	Etowah	40	active	sewerage systems	Coosa River
Talladega Airport Industrial Park Waste Water Treatment Plant	Talladega	Talladega	270	active	sewerage systems	Eastaboga Creek
Talladega City – Brecon Waste Water Treatment Plant	Talladega	Talladega	330	active	sewerage systems	Brecon Branch
Talladega City – Niki Lu Waste Water Treatment Plant	Talladega	Talladega	330	active	sewerage systems	Talladega Creek
Talladega City – Water Sewage Board Main Waste Water Treatment Plant	Talladega	Talladega	330	active	sewerage systems	Talladega Creek
TBA South Inc.	Lincoln	Talladega	220	active	plastic pipe	Blue Eye Creek
Town Of Springville Lagoon	Springville	Saint Clair	100	active	sewerage systems	Little Canoe Creek
Township Service. Corp. Silver Lakes Subdivision Lagoon	Gadsden	Etowah	160	active	sewerage systems	Ohatchee Creek
Triangle Refineries, Oxford	Oxford	Calhoun	250	inactive	special warehousing & storage	tributary ditch to Choccolocco Creek

Table I-1. Continued.

Facility Name	City	County	HUC	Status	Principal Activity Causing the Discharge	Receiving Water
Tyson Foods Inc. - Gadsden	Gadsden	Etowah	30	active	animal and marine fats & oils	Coosa River - Lake Neely Henry
U S Alliance Coosa Pines Corp.	Coosa Pines	Talladega	310	active	pulp mills	Coosa River
U S Army, Fort McClellan	Anniston	Calhoun	250	active	national security	Cane Creek
U S Army, Anniston Army Depot	Anniston	Calhoun	250	active	nonclassifiable establishments	Choccolocco Dry Cane Creeks
U S Pipe, Anniston Plant	Anniston	Calhoun	250	inactive	gray iron foundries	Snow Creek
Union Foundry Landfill	Anniston	Calhoun	250	active	iron and steel forgings	tributary of Cane Creek
Vulcan Materials, Glencoe Quarry	Etowah County	Etowah	30	active	crushed and broken limestone	Little Cove Creek
Vulcan Materials, Ohatchee Quarry	Calhoun County	Calhoun	170	active	crushed and broken limestone	tributary of Alexandria Creek
Wehadkee Yarn Mills	Talladega	Talladega	330	inactive	yarn spun: cotton, silk, manmade fiber, wool, and animal fiber	tributary to Town Creek & Isbell Branch

Table I-2. Alabama Natural Heritage Program[SM] Element Occurrence Records ≤1 km from National Pollutant Discharge Elimination System permitted discharge sites identified from EPA's Better Assessment Science Integrating point and Nonpoint Sources (BASINS) dataset within the Middle Coosa River watershed. The hydrologic unit code (HUC) is the 3 digit subwatershed code of the 11-digit HUC; all are within the same basin – 03150106.

Major Group	EO Code	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	HUC	County	Closest Facility Name
Fish	AFC4E02210*001*AL	*Cottus paulus*	pygmy sculpin	G1	S1	LT	SP	250	Calhoun	NGC Industries Inc.
Fish	AFCJB49020*015*AL	*Cyprinella caerulea*	blue shiner	G2	S1	LT	SP	250	Talladega	McCartney Construction Co. Speedway Quarry
Fish	AFCQC02190*001*AL	*Etheostoma ditrema*	coldwater darter	G1G2	S1		SP	250	Calhoun	NGC Industries Inc.
Fish	AFCQC02190*009*AL	*Etheostoma ditrema*	coldwater darter	G1G2	S1		SP	250	Calhoun	NGC Industries Inc.
Fish	AFCQC02190*016*AL	*Etheostoma ditrema*	coldwater darter	G1G2	S1		SP	170	Calhoun	Vulcan Materials Ohatchee Quarry
Insects	IITRI90070*001*AL	*Pycnopsyche virginica*	caddisfly	G?	S1			250	Calhoun	NGC Industries Inc.
Snails	IMGASK2100*001*AL	*Elimia bellula*	walnut elimia	G1	S1			250	Talladega	McCartney Construction Co. Speedway Quarry
Snails	IMGASK2280*001*AL	*Elimia crenatella*	lacey elimia	G1	S1	LT	SP	260	Talladega	Exxon Company, USA/Birmingham
Snails	IMGASK2390*016*AL	*Elimia gerhardti*	coldwater elimia	G5	S3S4			250	Talladega	McCartney Construction Co. Speedway Quarry
Snails	IMGASK2880*006*AL	*Elimia bullula*	walnut elimia	G1	S1S2			260	Talladega	Exxon Company, USA/Birmingham
Snails	IMGASK5110*004*AL	*Leptoxis taeniata*	painted rocksnail	G1	S1	LT	SP	250	Talladega	McCartney Construction Co. Speedway Quarry

Table I-3. Industrial Facilities Discharge sites identified from EPA BASINS data in the Middle Coosa River watershed. The hydrologic unit code (HUC) is the 3-digit subwatershed code of the 11-digit HUC; the first 8 digits are the same (03150106) for all MCR subwatersheds.

Facility name	City	County	Receiving Water	HUC	Number of discharges	NPDES Number
AAA Plumbing Pottery Co., Gadsden	Gadsden	Etowah	Dry Creek	120	1	AL0026042
AL Plating - Vincent	Vincent	Shelby	Spring Creek tributary	310	1	AL0031402
AL Plating Co. Vincent	Vincent	Shelby	Spring Creek	310	1	AL0002224
AL Power – Henry Hydro Plant	Birmingham	Calhoun	Coosa River	130	3	AL0041441
AL Power – Logan Martin Hydro	Birmingham	St Clair	Coosa River	310	5	AL0041475
AL Power Co. - Gadsden Steam Plant	Birmingham	Etowah	Coosa River	030	4	AL0002887
Alabama Oil Company of Etowah County	Gadsden	Etowah	Coosa River via storm sewer	040	0	AL0059676
Amcast, Attalla	Attalla	Etowah	Little Wills Creek	060	1	AL0027201
Anniston Water Works & Sewer Board	Anniston	Calhoun	Choccolocco Creek	250	1	AL0022195
Anniston - Fort McClellan Sewage Treatment Plant	Anniston	Calhoun	Cane Creek to Coosa River	250	1	AL0024520
Ashville H.S Lagoon	Ashville	St Clair	Big Canoe Creek	100	1	AL0023302
Attalla	Attalla	Etowah	Big Wills Creek	070	1	AL0023451
Attalla Casting Company	Attalla	Etowah	Big Wills Creek via storm ditch	070	0	AL0055468
Attalla WWT Lagoon/ City Of Attalla	Attalla	Etowah	Coosa River	090	0	AL0057657
Avondale Mills, Pell City Plant	Pell City	St Clair	Dye Creek	200	1	AL0001635
Battle Creek Mining - Pit #8-2	Oneonta	St Clair	Sand Creek	100	1	AL0040711
Blue Mountain Ind., Blue Mountain	Blue Mountain	Calhoun	Cane Creek	250	1	AL0003174
Blue Mountain Industries	Anniston	Calhoun	receiving storm ditch to Choccolocco Creek	250	1	AL0024953
Blue Mountain Waste Water Treatment Plant	Blue Mountain	Calhoun	tributary to Cane Creek	250	1	AL0024741
Blue Spring Fork Facility	Ragland	St Clair	Trout Creek	140	0	AL0031542
Cagles-Collinsville	Collinsville	De Kalb	Big Wills Creek	050	1	AL0002241
Calhoun Asphalt / Sims Pit	Gadsden	Etowah	Coosa River	090	0	AL0060585
Calvert & Marsh – Kilpatrick Mine	Oneonta	Etowah	Dry Creek – Bole Creek	070	1	AL0031348
Cement Asbestos Prod. Ragland	Ragland	St. Clair	Trout Creek	200	1	AL0000809
Cherokee Mining – Black Creek #2	Birmingham	Etowah	Black Creek	080	1	AL0040525
Cherokee Mining – Black Creek #1	Birmingham	Cherokee	Black Creek	020	1	AL0029823
Cherokee Mining – Highland #1	Birmingham	Etowah	Black Creek	030	1	AL0040312
Collinsville Lagoon/ Water & Sewage Board	Collinsville	De Kalb	Big Wills Creek	050	1	AL0024236
Cyprus Ind. Minerals / Preparation Plant	Alpine	Talladega	Talladega Creek	330	1	AL0004057
Donoho Clay Co. – Mine	Anniston	Calhoun	tributary of Choccolocco Creek	250	1	AL0028011
Emco, Inc.	East Gadsden	Etowah	unnamed tributary to Coosa River	030	1	AL0026484

Table I-3. Continued.

Facility name	City	County	Receiving Water	HUC	Number of discharges	NPDES Number
Etowah County Landfill	Gadsden	Etowah	tributary of Line Creek – tributary of Willis Creek	070	0	AL0061255
FMC Corp. – Steel Products Division	Anniston	Calhoun	Snows Creek	250	1	AL0025861
FMC Corp. – Steel Products Division, Anniston	Anniston	Calhoun	tributary of Snow Creek	250	1	AL0025879
Fort Payne Water Treatment Plant	Fort Payne	De Kalb		050	0	AL0052914
Fort Payne Waster Water Treatment Plant	Fort Payne	De Kalb	Big Wills Creek	050	1	AL0023311
GA Pacific Corp. – Talladega	Portland	Talladega	Kelly Creek	330	1	AL0022055
Gadsden	Gadsden	Etowah	Big Wills Creek	070	1	AL0022667
Gadsden Water & Sewer Works	Gadsden	Etowah	Coosa River	040	0	AL0052159
Gadsden Waste Water Sewage Board East River Waste Water Treatment Plant	Gadsden	Etowah	Coosa River	030	1	AL0022659
Gadsden Waste Water Sewage Board West River Waste Water Treatment Plant	Gadsden	Etowah	Coosa River	070	0	AL0053201
Glencoe Waste Water Sewage Board Lagoon	Glencoe	Etowah	Coosa River	030	1	AL0021334
Goodyear Tire & Rubber/ Gadsden	Gadsden	Etowah	Coosa River	030	2	AL0001007
Gulf States Steel	Gadsden	Etowah	Black Creek	080	2	AL0003522
Gulf States Steel Inc., Gadsden	Gadsden	Etowah	Black Creek	080	0	AL0055239
Hallmark & Son Coal – Coal Branch	Warrior	St Clair	Broken Arrow Creek	200	1	AL0028118
Hallmark & Son Coal – Coal Branch Mine	Warrior	St Clair	Wolf Creek	300	1	AL0040118
Hallmark & Son Coal – Wolf Creek		St Clair	Wolf Creek	200	1	AL0030082
Hokes Bluff Sewage Treatment Plant	Hokes Bluff	Etowah	Coosa River	030	1	AL0032212
Hoover Group Inc.	Anniston	Calhoun	tributary to Choccolocco Creek	250	0	AL0059013
Ira Phillips Texaco	Gadsden	Etowah	Black Creek	080	0	AL0059528
Jacksonville WWG&SB	Jacksonville	Calhoun	Williams Branch	170	1	AL0022586
Jefferson Co. – Black Creek Stab. Pond	Birmingham	Etowah	Black Creek	080	1	AL0023035
Jenco Petro – Broken Arrow Creek		St Clair	Broken Arrow Creek Site	200	0	AL0061212
Jordan Hatchery, Fort Payne	Fort Payne	De Kalb	drainage ditch to Big Willis Creek	050	0	AL0056103
Kimberly Clark, Coosa Pines	Coosa Pines	Talladega	Coosa River	320	3	AL0003158
L & N RR – Gadsden	Gadsden	Etowah	Coosa River tributary	070	0	AL0029157
L M C Land & Mining – Pit #31-3	Oneonta	Etowah	Brown Creek	070	1	AL0040169
Lee Brass Co., Anniston	Anniston	Calhoun	tributary to Choccolocco Creek	250	1	AL0003166
Lincoln Stp	Lincoln	Talladega	Blue Eye Creek	220	1	AL0029033
M & H Valve, Anniston	Anniston	Calhoun	Snow Creek	190	1	AL0003433

Table I-3. Continued.

Facility name	City	County	Receiving Water	HUC	Number of discharges	NPDES Number
M&M Chem. & Equip. Co., Attalla	Gadsden	Etowah	Willis Creek	070	0	AL0054542
M.S.& R. Equipment Co., Inc.	Birmingham	St Clair	Crooked Creek, B	100	0	AL0050741
Mead Corp. Union Foundry Anniston	Anniston	Calhoun	ditch to Snow Creek	250	2	AL0000655
Mead Corp. Water Pipe Plant Anniston	Anniston	Calhoun	ditch to Snow River	250	3	AL0000698
Mid-South Electrics, Gadsden	Gadsden	Etowah	tributary of Town Creek via storm sewer	040	0	AL0054810
Monsanto, Snow Creek, Anniston	Anniston	Calhoun	receiving stream – Snow Creek	250	1	AL0001201
Morris Oil	Gadsden	Etowah	tributary of Horton Creek	070	0	AL0048704
National Cement – Mead Corp.	Ragland	St. Clair	Trout Creek	200	4	AL0000736
Newbury Manufacturing Co.	Talladega	Talladega	Wet Weather Ditch	330	1	AL0026671
Oxford Waste Water Treatment Plant	Oxford	Talladega	Choccolocco Creek	250	0	AL0058408
Pell City Sewage Treatment Plant	Pell City	St Clair	Dye Creek	200	1	AL0020605
Pine Ridge Corp – Acmar Mine #1	Trussville	St Clair	Little Black Creek	200	1	AL0040801
Rainbow City Lagoon	Rainbow City	Etowah	Coosa River	070	1	AL0023469
Rainbow City Sewage Lagoon	Rainbow	Etowah	Coosa River	070	0	AL0056839
Riverside Cove Dev.-Olshan Realty	Riverside	St Clair	Coosa River	200	1	AL0027570
Riverside Refractories	St. Clair County	St Clair	Coosa River	290	0	AL0041327
Robinson & Co - #8 Margaret	Birmingham	St Clair	Middle Black Creek	100	1	AL0029661
Robinson & Co – Margaret 59-4	Birmingham	St Clair	Middle Black Creek	100	1	AL0029670
Robinson & Co. – Sanie Mine	Margaret	St Clair	Big Black Creek	100	1	AL0028622
Sagna Inc. / S & G Mine	Gadsden	Etowah	Coosa River groundwater	020	0	AL0062472
San Ann Service Station	Boaz	Etowah	Coosa River	090	0	AL0059056
Siemens-Allis-Gadsden	Gadsden	Etowah	Coosa River	030	4	AL0001783
SMR Mining – Popes Chapel	Pell City	St Clair	Arrow Creek	200	1	AL0029793
Southern Natural Gas – Talladega		Talladega	Poorhouse Branch	270	0	AL0060836
Southern Natural Gas/ Etowah	Birmingham	Etowah	Dry Creek	120	0	AL0060852
Southern Tool & Machine	Anniston	Calhoun	Choccolocco Creek	190	1	AL0025780
Spring Valley Farms Gadsden	Gadsden	Etowah	receiving stream – Coosa River	030	1	AL0002119
Springville Sewage Treatment Plant	Springville	St Clair	Spring Creek	100	1	AL0020893
Talladega – Brecon Waste Water Treatment Plant	Talladega	Talladega	Brecon Branch	330	1	AL0022349
Talladega Airport Ind. Waste Water Treatment Plant	Talladega	Talladega	Eastaboga Creek	330	0	AL0054658
Talladega Water & Sewage Board Main Plant	Talladega	Talladega	Talladega Creek	330	1	AL0022357
Talladega-Bemiston Sewage Treatment Plant	Birmingham	Talladega	Talladega Creek	330	1	AL0022331
Tele Corp. - #14	Birmingham	St Clair	Middle Black Creek	100	1	AL0029874
Tele Corp. - Margaret	Margaret	St Clair	Big Black Creek	100	1	AL0027430

Table I-3. Continued.

Facility name	City	County	Receiving Water	HUC	Number of discharges	NPDES Number
Triangle Refineries Oxford	Oxford	Calhoun	Coosa River	250	0	AL0001490
Tull Chemical Oxford	Oxford	Calhoun	Snow Creek	250	1	AL0000892
Turner Dairies	Oxford	Talladega	Choccolocco Creek	250	1	AL0002089
U S Army, Anniston Army Depot	Anniston	Talladega	Choccolocco Creek	250	0	AL0002658
U S Pipe - Anniston Plant	Anniston	Calhoun	Snow Creek	250	1	AL0003239
US Reduction - Anniston	Anniston	Calhoun	tributary to Snow Creek	250	1	AL0032166
Valley Head - Treatment Plant	Valley Head	De Kalb	Big Wills Creek	050	1	AL0023752
Vincent Sewage Treatment Plant	Vincent	Shelby	Spring Creek	310	1	AL0023175
Wehadkee Yarn Mills	Talladega	Talladega	unnamed tributary to Town Creek	330	0	AL0053856
Westclox U S - Gadsden	Gadsden	Etowah	Town Creek	030	1	AL0027952

Table I-4. Alabama Natural Heritage Program[SM] Element Occurrence Records ≤1 km from Industrial Facilities Discharge sites identified from EPA's Better Assessment Science Integrating point and Nonpoint Sources (BASINS) dataset within the Middle Coosa River watershed. The hydrologic unit code (HUC) is the 3 digit subwatershed code of the 11-digit HUC; all are within the same basin – 03150106.

Major Group	EO Code	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	HUC	County	Closest Facility Name
Natural Feature	GCAVEAL049*009*TV	AL DeKalb county cave						050	De Kalb	Valley Head - Treatment Plant
Amphibians	AAAAD12210*001*AL	*Plethodon websteri*	Webster's salamander	G3	S3			070	Etowah	L M C Land & Mining - Pit #31-3
Fish	AFCQC02190*002*AL	*Etheostoma ditrema*	coldwater darter	G1G2	S1		SP	030	Etowah	Glencoe Waste Water Sewage Board Lagoon
Insects	IICOL4EAU0*008*TV	*Pseudanophthalmus alabamae*	a ground beetle	G1G2	S?			050	De Kalb	Valley Head - Treatment Plant
Vascular Plants	PMSTE01010*005*AL	*Croomia pauciflora*	croomia	G3	S2			070	Etowah	L M C Land & Mining - Pit #31-3

Table I-5. EPA/OSW Resource Conservation and Recovery Information System (RCRIS) for the United States hazardous and solid waste sites identified from EPA BASINS data in the Middle Coosa River watershed. The hydrologic unit code (HUC) is the 3-digit subwatershed code of the 11-digit HUC; the first 8 digits are the same (03150106) for all MCR subwatersheds.

Facility Name	City	HUC	Land Type
ABF Freight Systems	Attalla	060	
Advance Tank & Construction	Pell City	300	Private
Ahlstrom Kamyr Services Inc.	Pell City	300	Municipal
AL National Guard Maintenance Shop 5	Fort Payne	050	State
AL Power Co. Anniston Div. Garage	Anniston	250	Private
Alabama Cylinder Head Exchange	Gadsden	070	Private
Alabama Sign Co.	Oxford	250	
Alacote Corporation	Anniston	190	
Allen Diesel	Gadsden	040	
Allied Signal Airline Services	Anniston	250	Private
American Ikarus Inc.	Anniston	250	Private
Anchor Metals Inc.	Anniston	250	Private
Anniston Division Garage	Anniston	250	
Anniston Lincoln Mercury Dodge	Anniston	250	
Anniston Plating	Anniston	250	Private
APS Petroleum Equipment Co. Inc.	Anniston	190	Private
Associated Tool Company Inc.	Gadsden	080	Private
Atap Inc.	Eastaboga	270	Private
Auto Beauty Inc.	Anniston	250	Private
Avondale Mills-Pell City Plant	Pell City	300	Private
Bama Waste Oil Service Inc.	Piedmont	170	Private
Barricks Manufacturing Co. Inc.	Rainbow City	070	Private
Begley Company	Gadsden	040	Private
Bell's Novelty Casting Company	Anniston	250	Private
Benjamin Moore & Co.	Pell City	200	
Bennett Pontiac Cadillac	Anniston	250	Private
Betz Laboratories Inc.	Anniston	250	Private
BFI Waste Systems	Anniston	250	Private
Big B One Hour Cleaners	Anniston	190	Private
Bin-Bak	Gadsden	080	Private
Blue Giant Equipment Corp.	Pell City	200	Private
Blue Mountain Industries	Blue Mountain	250	
Bone Third Party Site	Gadsden	030	Federal
Bowden Electric Co. Inc.	Gadsden	080	Private
Bowman Transport	Gadsden	030	
Bruce Key Motors	Oxford	250	Private
Business Systems	Anniston	250	
Carl Gregory Ford L/M Inc.	Fort Payne	050	Private
Carrier Research Inc.	Anniston	250	Private
CF&G Inc.	Attalla	060	

Table I-5. Continued.

Facility Name	City	HUC	Land Type
Chalk Line	Anniston	190	Private
Chapman Waste Oil	Piedmont	240	
Chevron USA Inc. 2008	Anniston	250	
Chevron USA Inc. 2045	Fort Payne	050	
Choice Fabricators Inc.	Attalla	060	Municipal
Chromalloy Anniston Division	Anniston	250	County
Cisco Auto Parts	Pell City	200	Private
Clowdus Garage	Gadsden	030	County
Colonial Chevy-Buick Inc.	Talladega	330	
Communication Associates	Anniston	250	Private
Concord Custom Cleaners #106	Gadsden	040	Private
Concord Custom Cleaners #107	Anniston	250	Private
Concord Custom Cleaners #6119	Anniston	250	Private
Concord Custom Cleaners #6146	Gadsden	040	Private
Conservation Management Inc.	Gadsden	030	Private
Cooper Chevrolet	Anniston	250	
Cooper Tool & Machine Company	Oxford	250	Private
Crown Dodge Chrysler Plymouth	Gadsden	070	Private
Crown Textile Co.	Talladega	330	
Crown Textile Company	Talladega	330	
Crowndodge Inc	Gadsden	040	
CSX Transportation	Ragland	200	Private
Danny Isbell Inc.	Pell City	300	Private
Defense Research Inc.	Anniston	250	Private
Defense Research Inc.	Anniston	250	Private
Delphi Packard Electric	Gadsden	070	Private
Devan Lowe Inc.	Gadsden	070	
Devan Lowe Inc.	Fort Payne	050	Private
Dietrich Industries Inc.	Ashville	100	
Dixie Service Cleaners	Gadsden	030	Private
Dodson Printers	Gadsden	030	
DT's Cycle And Auto Painting	Oxford	250	Private
ECS-158	Anniston	190	Federal
Emco Inc.	E. Gadsden	030	
Energy Absorption Systems	Pell City	300	
Etowah Auto Parts Inc.	Gadsden	080	
Etowah Chemical Co.	Gadsden	080	
Express Lube And Oil	Rainbow City	090	Private
Express Oil Change	Rainbow City	070	Private
Exxon Bulk Plant #5178	Gadsden	040	
Federal Express Corporation	Gadsden	070	Private
Fisher Industrial Service Inc.	Glencoe	030	Private
Florida Fast Freight Inc.	Glencoe	030	Private

Table I-5. Continued.

Facility Name	City	HUC	Land Type
Ford Meter Box Co. Inc.	Pell City	200	Private
Fort Payne Parts Inc.	Fort Payne	050	
Fred's Transmission Service	Oxford	250	Private
Frost Transmission	Gadsden	080	Private
Gadsden Distribution	Gadsden	030	Private
Gadsden Housing Authority	Gadsden	040	
Gadsden Machine And Roll Co.	Gadsden	080	Private
Gadsden State Community College/Bevill Center	Gadsden	040	Private
Gadsden State Junior College	Gadsden	030	
Gadsden State Tech Institute	Gadsden	040	
Gadsden Toyota Volkswagen Subaru	Gadsden	030	Private
Gadsden Truck Line Inc.	Gadsden	080	Private
Garrett Truck Services	Oxford	250	Private
Georgia Pacific	Talladega	330	
Gieger Cleaners	Gadsden	040	
Goodyear Auto Service Center	Anniston	250	Private
Goodyear Auto Service Center	Gadsden	040	
Goodyear Tire & Rubber Co.	Gadsden	030	Private
Graham Auto Body Shop	East Gadsden	030	Private
Grays Machine Shop	Gadsden	080	Private
Greater Gadsden Housing Authority	Gadsden	040	
Gulf Coast Plating Inc.	Attalla	060	
Gulf States Steel	Gadsden	080	
H M Ayers State Tech College	Anniston	250	State
Haney Company Inc.	Glencoe	030	Private
Hanna Steel Corp.	Gadsden	080	Private
Heckett Plant No 1	Gadsden	080	
Heil Manufacturing Co. Inc.	Fort Payne	050	
Highway 78 Auto Repair	Oxford	250	Private
Holiday Lamp & Lighting Inc.	Glencoe	030	
Holloway's Lounge	Hobson City	190	
Industrial Plating	Anniston	250	Private
International Enterprises Inc.	Talladega	260	
J & G Oil Company	Rainbow City	120	Private
J&M Body Shop	Gadsden	030	Private
J.W. Osborn-Osborn Co.	Collinsville	050	Private
Jack Green Oil Company Inc.	Oxford	250	Private
James Norman	Valley Head	050	Private
Jerry Wimpee Residence	Rainbow City	070	Private
Jim Pruitt Pontiac Body Shop	Talladega	330	Private
Jims Transmission	Anniston	190	Private
Joe Bynum Motors	Attalla	060	
John Ray Trucking	Eastaboga	270	

Table I-5. Continued.

Facility Name	City	HUC	Land Type
John T Davis Oil Company Inc.	Anniston	250	Private
K R Komarek Research	Anniston	190	Private
Kans Inc.	Rainbow City	070	Private
Kerr McGee Refining Corp.	Anniston	250	Private
Key's Body Shop	Oxford	250	Private
Kockums Can Car	Gadsden	070	Private
Lawrence Pontiac-Cadillac-GMC Inc.	Gadsden	040	
Leach Manufacturing Company	Gadsden	030	Private
Legacy Cabinets LLC	Eastaboga	270	Private
Lend Lease Facility	Eastaboga	270	
Leonards Transmission	Talladega	330	
Lowe Lincoln & Mercury Inc.	Gadsden	040	
M&H Valve Co.	Anniston	250	Private
M&M Chemical Garage	Gadsden	080	Private
M&M Steel Drum Division	Gadsden	080	Private
Marine Group-A Brunswick Co.	Lincoln	220	Private
Mark's Transmission	Gadsden	030	Private
Martin ANG Station Gadsden	Gadsden	070	Federal
Marvel Cleaners	Oxford	250	Private
MCD Inc.	Anniston	250	Private
Mead Ink Products	Anniston	250	Private
Metal Samples	Munford	250	
Metal Samples Co.	Munford	250	
Michael Cleaners	Jacksonville	170	Private
Mid South Electrics Inc.	Gadsden	070	
Mid South Electrics Inc.	Gadsden	040	Private
Mill Roll Service Corporation	Oxford	250	Private
Minton Auto & Truck Center	Oxford	250	
Miss Martha's Originals	Glencoe	030	
Mountain Graphics	Jacksonville	170	Private
Multimetco Inc.	Anniston	250	Private
National Petroleum Equipment	Alexandria	170	Private
Neely Henry Hydro Plant	Ohatchee	170	
North American Recreation	Anniston	250	
Northeast AL Regional Medical Center	Anniston	250	
Ohatchee Dumpsite	Ohatchee	170	
OMS No. 10	Fort McClellan	190	State
OMS No. 5	Fort Payne	050	State
One Hour Cleaners	Talladega	330	
Owens Plating Company	Rainbow City	070	Private
Oxford Amoco Service Center	Oxford	250	Private
Oxford Distribution Center	Oxford	250	Private
Oxford Machine Company Inc.	Anniston	250	Private

Table I-5. Continued.

Facility Name	City	HUC	Land Type
Oxford Muffler Center #2	Oxford	250	Private
Oxford Plating Company Inc.	Oxford	250	
Parker Edwards Cutlery	Jacksonville	170	Private
Parkers Cleaners\Pobox 494	Fort Payne	050	Private
Pell City Cleaners	Pell City	200	Private
Pell City Ford	Pell City	300	
Pierson Chevrolet	Gadsden	030	
Pippin Cleaners & Furriers	Gadsden	040	
Plaza Cleaners	Talladega	330	
Pollock Ford	Gadsden	040	
Pollock Motor Co.	Gadsden	040	
Precision Automatics	Gadsden	070	
Precision Body Shop	Anniston	170	Private
Quality Auto Parts Inc.	Talladega	330	Private
Quality Mfg. Inc.	Talladega	260	
R D Werner Co. Inc. Anniston Div.	Anniston	250	Private
Rainbow Cultured Marble	Gadsden	030	Private
Ranger Manufacturing Co. Inc.	Rainbow City	040	
Rebuilders Of Oxford	Oxford	250	Private
Reid's Auto & Body Shop Inc.	Oxford	250	Private
Rollins Leasing Corp.	Fort Payne	050	Private
Rollins Leasing Corp.-372	Gadsden	030	Private
Ron Newton Pontiac Cadillac	Anniston	250	Private
Shaw Industries Inc Plant No 14	Valley Head	050	Private
Shelby Steel Fabricators	Pell City	300	Private
Shelby Steel Fabricators Inc.	Vincent	310	Private
Sherwin Williams Co.	Gadsden	040	
Shoal Creek Lighting	Anniston	250	Private
Siemens-Allis Inc.	Gadsden	030	
Signode Tool Repair Center	Gadsden	070	Private
Sing Food Store	Gadsden	080	Private
Skinner's Body Shop	Oxford	250	Private
Slaght's Body Shop	Jacksonville	170	
Softec Turf Productions	Pell City	200	Private
Sola Electric Div. Of Gen. Signal	Fort Payne	050	Private
Southern Defense Systems Inc	Eastaboga	250	Private
Southern Defense Systems Inc.	Oxford	250	Private
Southern Metal Processing Co.	Oxford	250	Private
Southern Natural Gas Dearmanville	Anniston	250	Private
Southern Natural Gas Gadsden	Gadsden	080	Private
Southern Natural Gas Pell City	Pell City	300	Private
Southern Natural Gas Talladega Station	Talladega	330	Private
Southern Redi Mix	Anniston	190	Private

Table I-5. Continued.

Facility Name	City	HUC	Land Type
Southern Tool Inc .	Oxford	250	Private
Specialties Manufacturing Co. - Brecon Industrial Park	Talladega	260	Private
Sports Trailers	Oxford	250	Private
Spurlin Oil Company Inc.	Oxford	250	Private
St. Clair Manufacturing Company	Moody	300	Private
Stewart's Quick Oil	Rainbow City	070	Private
Streamline Cleaners	Gadsden	040	Private
Streamline Cleaners	Gadsden	070	Private
Sunny King Ford Body Shop #2	Anniston	250	Private
Sunny King Honda	Anniston	250	Private
Sunny King Volvo	Anniston	250	Private
Sunny King Volvo/Subaru	Anniston	250	
Sunstar Industries Inc.	Gadsden	080	
Sunstar Industries Inc.	Rainbow City	120	
Superior Olds And Buick Inc.	Anniston	250	
Sutherlin George Chevrolet	Pell City	300	
Systems Marble Inc.	Attalla	060	Private
Systems Marble Inc.	Rainbow City	120	Private
Talladega Ford Mercury Sales	Talladega	330	Private
Talladega Foundry & Machine Co. Inc.	Talladega	330	Private
Talladega Machinery & Supply Co Inc.	Talladega	330	Private
Techtrix Inc.	Gadsden	080	Private
Texaco Xpress Lube	Pell City	290	Private
Thibado Dynamics	Pell City	200	Private
Thompson Tractor Company	Anniston	250	Private
Trans-Cycle Industries Inc.	Pell City	200	Private
Tree Farmer Equipment Co. Inc.	Talladega	260	
Triple A Truck & Garage	Oxford	250	Private
T-Square Inc.	Fort Payne	050	
Turleys Body Shop	Anniston	190	Private
Tyson	Gadsden	030	
Tyson Foods Longhaul	Oxford	250	
U.S. Pipe & Foundry-Anniston Plant	Anniston	250	Private
Unicor Federal Prison Industries Inc.	Talladega	330	Federal
Union Foundry Company	Anniston	250	Private
Unique Plating Company Inc.	Glencoe	030	
Unit Training Equip. Site 1	Alexandria	170	Private
United Defense L.P.	Anniston	250	Private
Valley Machine Company	Anniston	250	Private
Vulcan Binder & Cover	Vincent	310	Private
Vulcan Industries	Moody	300	Private
W J Body Shop Inc.	East Gadsden	030	Private
Wallace Metal Products	Anniston	250	

Table I-5. Continued.

Facility Name	City	HUC	Land Type
Wal-Mart Tire And Lube Express	Gadsden	030	Private
Warrior Tractor & Equipment Co.	Oxford	250	Private
Watts Battery	Gadsden	080	
Wehadkee Yarn Mills (East Side)	Talladega	330	Private
Westclox US	Gadsden	040	
Westinghouse Electric Corp.	Fort Payne	050	Private
Wink One Hr. Cleaners	Anniston	250	
Woodson Jones Chevrolet	Fort Payne	050	Private
Y S Inc.	Collinsville	050	
Zippy Mart AL-509	Gadsden	070	Private

Table I-6. Alabama Natural Heritage Program[SM] Element Occurrence Records ≤1 km from EPA/OSW Resource Conservation and Recovery Information System (RCRIS) for the United States hazardous and solid waste sites identified from EPA's Better Assessment Science Integrating point and Nonpoint Sources (BASINS) dataset within the Middle Coosa River watershed. The hydrologic unit code (HUC) is the 3 digit subwatershed code of the 11-digit HUC; all are within the same basin – 03150106.

Major Group	EO Code	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	HUC	County	Closest Facility Name
Diplopod	ITUNI01021*001*TV	*Scoterpes austrinus austrinus*	a cave obligate millipede	G3G4 T3T4	S?			050	De Kalb	Chevron USA Inc. 2045
Fish	AFCJB49020*008*AL	*Cyprinella caerulea*	blue shiner	G2	S1	LT	SP	240	Calhoun	Chapman Waste Oil
Fish	AFCQC02190*009*AL	*Etheostoma ditrema*	coldwater darter	G1G2	S1		SP	250	Calhoun	Mill Roll Service Corporation
Insects	IICOL4EAU0*001*TV	*Pseudanophthalmus alabamae*	a ground beetle	G1G2	S?			050	De Kalb	Chevron USA Inc. 2045
Insects	IICOL4EAU0*004*TV	*Pseudanophthalmus alabamae*	a ground beetle	G1G2	S?			050	De Kalb	Heil Manufacturing Co. Inc.
Natural Community	CEGL004622*002*AL	*Bigelowia nuttallii - Coreopsis pulchra - Liatris microcephala*	sandstone glade	G2?	S2			080	Etowah	Sing Food Store
Natural Community	CEGL004622*003*AL	*Bigelowia nuttallii - Coreopsis pulchra - Liatris microcephala*	sandstone glade	G2?	S2			080	Etowah	Sing Food Store
Natural Feature	GCAVEAL049*001*TV	AL DeKalb county cave						050	De Kalb	Chevron USA Inc. 2045
Natural Feature	GCAVEAL049*030*TV	AL DeKalb county cave						050	De Kalb	Heil Manufacturing Co. Inc.
Reptiles	ARADB26012*008*AL	*Pituophis melanoleucus melanoleucus*	northern pine snake	G4T4	S3			170	Calhoun	Slaght's Body Shop
Snails	IMGASV3010*001*AL	*Antrorbis breweri*	snail	G1	S1			050	De Kalb	Chevron USA Inc 2045
Snails	IMGASK2100*009*AL	*Elimia bellula*	walnut elimia	G1	S1			250	Talladega	Southern Defense Systems Inc.
Snails	IMGASK2390*004*AL	*Elimia gerhardti*	coldwater elimia	G5	S3S4			250	Talladega	Southern Defense Systems Inc.
Vascular Plants	PPASP02050*003*AL	*Asplenium bradleyi*	Bradley's spleenwort	G4	S2			080	Etowah	Sing Food Store
Vascular Plants	PDAST19020*009*AL	*Bigelowia nuttallii*	Nuttall's rayless goldenrod	G3G4	S3			080	Etowah	Sing Food Store
Vascular Plants	PDAST19020*011*AL	*Bigelowia nuttallii*	Nuttall's rayless goldenrod	G3G4	S3			080	Etowah	Sing Food Store
Vascular Plants	PDCUS010U0*007*AL	*Cuscuta harperi*	Harper's dodder	G2	S2			080	Etowah	Sing Food Store
Vascular Plants	PDAST38040*002*AL	*Echinacea pallida*	pale-purple coneflower	G4	S2			170	Calhoun	Precision Body Shop
Vascular Plants	PDSCR12060*003*AL	*Lindernia monticola*	Piedmont pimpernel	G4	S3			080	Etowah	Sing Food Store

TableI-6. Continued.

Major Group	EO Code	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	HUC	County	Closest Facility Name
Vascular Plants	PPHYM020K0*008*AL	*Trichomanes petersii*	dwarf filmy-fern	G4G5	S2			080	Etowah	Sing Food Store
Vascular Plants	PMLIL20080*008*AL	*Trillium decumbens*	decumbent trillium	G4	S3S4			050	De Kalb	J.W. Osborn-Osborn Co.

Table I-7. Toxic Release Inventory sites identified from EPA BASINS data in the Middle Coosa River watershed. The hydrologic unit code (HUC) is the 3-digit subwatershed code of the 11-digit HUC; the first 8 digits are the same (03150106) for all MCR subwatersheds.

Facility Name	City	County	HUC	Principal Activity Causing the Discharge
Alabama Plating Co. Inc.	Vincent	Shelby	310	plating and polishing
Allied-Signal Inc. Aerospace Services	Anniston	Calhoun	250	aircraft parts and equipment, not elsewhere classified
Anniston Ice Co.	Anniston	Calhoun	250	manufactured ice
Atlanta Coca-Cola Bottling Co. Oxford AL Plant	Oxford	Calhoun	250	bottle & can soft drink & carbonated water
B. M. & Co. Pell City Plant	Pell City	St. Clair	200	paints/varnish/lacquers/enamel
Blue Mountain Industries	Blue Mountain	Calhoun	250	thread mills
Borden Inc. Dairy	Gadsden	Etowah	040	fluid milk
Braddock Metallurgical Alabama	Anniston	Calhoun	250	metal heat treating
C. M. Offray & Son Inc.	Anniston	Calhoun	250	narrow fabric and other smallwares mills: cotton, wool, silk, and man-made fibers
Cagles Inc.	Collinsville	De Kalb	050	
Craft Plating Co. Inc.	Attalla	Etowah	120	plating and polishing
Culp Smelting & Refining Co.	Steele	St. Clair	100	secondary smelt/ nonferrous metals
Emco Inc.	Gadsden	Etowah	030	fabricated pipe and pipe fittings
Ford Meter Box Co. Inc. Pipe Products	Pell City	St. Clair	200	fabricated metal products, not elsewhere classified
Fritz Structural Steel Inc.	Valley Head	De Kalb	050	fabricated structural metal
Gardner Asphalt Corp.	Springville	St. Clair	100	asphalt felt and coatings
Georgia-Pacific Corp.	Talladega	Talladega	330	softwood veneer and plywood
Goodyear Tire & Rubber Co.	Gadsden	Etowah	030	tires and inner tubes
Gulf States Steel Inc.	Gadsden	Etowah	080	blast furnaces/ steel works/ rolling
Hager Hinge Co.	Oxford	Calhoun	250	hardware, not elsewhere classified
Harsco Co. Heckett Multiservice Plant 1	Gadsden	Etowah	080	mine & earths, ground or treat
Leach Manufacturing. Co.	Gadsden	Etowah	030	
Lee Brass Co.	Anniston	Calhoun	250	nonferrous foundries, except aluminum and copper
Legacy Cabinets L.L.C.	Eastaboga	Talladega	270	wood kitchen cabinets
Lincoln Metals Corp.	Lincoln	Talladega	220	
M & H Valve Co.	Anniston	Calhoun	250	gray iron foundries
M & H Valve Co. Greenbrier Operation	Anniston	Calhoun	190	valves and pipe fittings, not elsewhere classified
M & M Chemical & Equipment Co. Inc.	Attalla	Etowah	070	chemicals & chemical preparations, not elsewhere classified
Magic Chef Co.	Anniston	Calhoun	250	household cooking equipment
Marine Group	Lincoln	Talladega	220	boat building and repairing
Mead Ink Prods.	Anniston	Calhoun	250	printing ink
Miss Martha Originals	Glencoe	Etowah	030	plastics products, not elsewhere classified
Monsanto Co.	Anniston	Calhoun	190	industrial organic chemicals, not elsewhere classified
Multimetco Inc.	Anniston	Calhoun	250	secondary smelt/ nonferrous metals
National Gypsum Co.	Anniston	Calhoun	190	paperboard mills
Owens Plating Co.	Rainbow City	Etowah	070	plating and polishing
Oxford Plating Co. Inc.	Oxford	Calhoun	250	plating and polishing

Table I-7. Continued.

Facility Name	City	County	HUC	Principal Activity Causing the Discharge
Parker Hannifin Corp. Instrumentation Valve Division	Jacksonville	Calhoun	170	valves and pipe fittings, not elsewhere classified
Riverside Refractories Inc.	Pell City	St Clair	200	clay refractories
RMC Corp. Anniston Plant	Anniston	Calhoun	250	iron and steel forgings
Shelby Steel Fabricators Inc.	Pell City	St. Clair	300	fabricated structural metal
Shelby Steel Fabricators Inc.	Vincent	Shelby	310	fabricated structural metal
Sola Electric	Fort Payne	De Kalb	050	
Southern Plating & Machinery	Anniston	Calhoun	250	cold-rolled steel sheet, strip, and bars
Southern Tool Inc.	Oxford	Calhoun	250	steel investment foundries
St. Clair Manufacturing	Moody	St. Clair	300	metal coating & allied services
Talladega Castings & Machine Co. Inc.	Talladega	Talladega	330	steel foundries, not elsewhere classified
Talladega Foundry & Machine Co. Inc.	Talladega	Talladega	330	gray iron foundries
Tape-Craft Corp.	Anniston	Calhoun	250	narrow fabric and other smallwares mills: cotton, wool, silk, and man-made fibers
Techtrix Inc.	Gadsden	Etowah	080	plating and polishing
Thomas & Betts Anchor Metals Steel Structures Group	Anniston	Calhoun	250	fabricated structural metal
Trans-Cycle Ind.	Pell City	St. Clair	200	electrical apparatus and equipment, wiring supplies
Tyson Foods Feed Mill	Attalla	Etowah	070	prepared feeds & feed ingredients for animals and fowls, except dogs and cats
Tyson Foods Inc.	Oxford	Calhoun	250	prepared feeds & feed ingredients for animals and fowls, except dogs and cats
Tyson Foods Inc. Gadsden Processing Plant	Gadsden	Etowah	030	poultry slaughtering & processing
U.S. Army, Anniston Army Depot	Anniston	Calhoun	250	national security
U.S. Army, Fort McClellan	Fort McClellan	Calhoun	190	national security
U.S. Castings Corp.	Anniston	Calhoun	250	gray iron foundries
Union Carbide Corp. Linde Division	Gadsden	Etowah	080	industrial gases
Union Foundary. Co.	Anniston	Calhoun	250	gray iron foundries
United Defense L.P. Anniston Plant	Anniston	Calhoun	250	iron and steel forgings
Wallace Metal Prods. Inc.	Anniston	Calhoun	250	metal stampings, not elsewhere classified
Wehadkee Yarn Mills – Chinnabee Mill Division	Talladega	Talladega	330	finishers of textiles, not elsewhere classified
Wehadkee Yarn Mills – Dye Plant Division	Talladega	Talladega	330	finishers of textiles, not elsewhere classified
Wehadkee Yarn Mills – Talladega Mill Division	Talladega	Talladega	330	finishers of textiles, not elsewhere classified
Werner Co.	Anniston	Calhoun	250	aluminum extruded products
Westinghouse Electric Corp. Ecp	Fort Payne	De Kalb	050	steam, gas, and hydraulic turbines, and turbine generator set units

Table I-8. Mines identified from EPA BASINS data in the Middle Coosa River watershed. The hydrologic unit code (HUC) is the 3-digit subwatershed code of the 11-digit HUC; the first 8 digits are the same (03150106) for all MCR subwatersheds.

County	Name	Type of Operation	Operating Status	Commodity	Company	HUC
Blount	unnamed prospect	unknown	raw prospect	iron		240
Blount	unnamed prospect	unknown	raw prospect	iron		240
Calhoun	Mohawk Pit	surface	producer	sand & gravel	Mohawk Sand And Silica Company	170
Calhoun	Ezzell Prospect	surface	exp prospect	manganese	John T Ezzell	010
Calhoun	Knighton Deposit	surface	exp prospect	manganese, iron	W C Knighton	010
Calhoun	Coleman Property	surface	past producer	manganese	U.S. Forest Service (Surface Rights)	240
Calhoun	Grady Norton	surface-underground	past producer	manganese	Grady Norton	160
Calhoun	Norton No.2 Property	surface	exp prospect	manganese	Norton Bros. And Sister	250
Calhoun	Old Lead Mine	surface-underground	past producer	lead, zinc	Alma Avans	170
Calhoun	Braughton Prospect	surface	past producer	lead	E W Clark Ii Clark And Son Dairy	170
Calhoun	Tom Moore	surface-underground	past producer	barite, lead	Mr Tullis Mine	170
Calhoun	unnamed prospect	surface	past producer	lead, zinc	Sdd Walker Sr Estate	170
Calhoun	unnamed	surface	unknown	iron		190
Calhoun	unnamed	surface	unknown	iron		170
Calhoun	unnamed	surface	unknown	iron		170
Calhoun	unnamed	surface	unknown	iron		190
Calhoun	unnamed	surface	unknown	iron		190
Calhoun	unnamed	surface	unknown	iron		190
Calhoun	unnamed	surface	unknown	iron		190
Calhoun	unnamed	surface	unknown	iron		250
Calhoun	unnamed	surface	unknown	iron		250
Calhoun	unnamed	surface	unknown	iron		250
Calhoun	unnamed	surface	unknown	iron		250
Calhoun	unnamed	surface	unknown	iron		250
Calhoun	unnamed	surface	unknown	iron		250
Calhoun	unnamed	surface	unknown	iron		250
Calhoun	unnamed	surface	unknown	iron		250
Calhoun	unnamed	surface	unknown	iron		170
Calhoun	unnamed	surface	unknown	iron		170
Calhoun	unnamed	surface	unknown	iron		170
Calhoun	unnamed	surface	unknown	iron		170
Calhoun	unnamed	surface	unknown	iron		160
Calhoun	unnamed	surface	unknown	iron		170
Calhoun	unnamed	surface	unknown	iron		170

Table I-8. Continued.

County	Name	Type of Operation	Operating Status	Commodity	Company	HUC
Calhoun	unnamed	surface	unknown	iron		190
Calhoun	unnamed	surface	unknown	iron		190
Calhoun	unnamed	surface	unknown	iron		170
Calhoun	unnamed	surface	unknown	iron		190
Calhoun	unnamed	surface	unknown	iron		190
Calhoun	unnamed	surface	unknown	iron		190
Calhoun	unnamed	surface	unknown	iron		190
Calhoun	unnamed	surface	unknown	iron		190
Calhoun	unnamed	surface	unknown	iron		190
Calhoun	unnamed	surface	unknown	iron		190
Calhoun	unnamed	surface	unknown	iron		190
Calhoun	unnamed	surface	unknown	iron		190
Calhoun	unnamed	surface	unknown	iron		190
Calhoun	unnamed	surface	unknown	iron		190
Calhoun	unnamed	surface	unknown	iron		190
Calhoun	unnamed	surface	unknown	iron		190
Calhoun	unnamed	surface	unknown	iron		190
Calhoun	unnamed	surface	unknown	iron		190
Calhoun	unnamed	surface	unknown	iron		190
Calhoun	unnamed	surface	unknown	iron		190
Calhoun	unnamed	surface	unknown	iron		250
Calhoun	unnamed	surface	unknown	iron		250
Calhoun	unnamed	surface	unknown	iron		250
Calhoun	unnamed	surface	unknown	iron		250
Calhoun	unnamed	surface	unknown	iron		250
Calhoun	unnamed	surface	unknown	iron		250
Calhoun	unnamed	surface	unknown	iron		250
Calhoun	unnamed	surface	unknown	iron		250
Calhoun	unnamed	surface	unknown	iron		250
Calhoun	unnamed	surface	unknown	iron		250
Calhoun	unnamed	surface	unknown	iron		250
Calhoun	unnamed	surface	unknown	iron		250
Calhoun	unnamed	surface	unknown	iron		250
Calhoun	unnamed	surface	unknown	iron		190
Calhoun	unnamed	surface	unknown	iron		250
Calhoun	unnamed	surface	unknown	iron		190
Calhoun	unnamed	surface	unknown	iron		250
Calhoun	unnamed	surface	unknown	iron		250

Table I-8. Continued.

County	Name	Type of Operation	Operating Status	Commodity	Company	HUC
Calhoun	unnamed	surface	unknown	iron		250
Calhoun	unnamed	surface	unknown	iron		270
Calhoun	unnamed	surface	unknown	iron		250
Calhoun	unnamed	surface	unknown	iron		170
Calhoun	unnamed	surface	unknown	iron		250
Calhoun	unnamed	surface	unknown	iron		250
Calhoun	unnamed	surface	unknown	iron		250
Calhoun	unnamed	surface	unknown	iron		250
Calhoun	unnamed	surface	unknown	iron		250
Calhoun	unnamed	surface	unknown	iron		250
Calhoun	unnamed	surface	unknown	iron		250
Calhoun	unnamed	surface	unknown	iron		250
Calhoun	unnamed	surface	unknown	iron		250
Calhoun	unnamed	surface	unknown	iron		250
Calhoun	unnamed	surface	unknown	iron		250
Calhoun	unnamed	surface	unknown	iron		270
Calhoun	unnamed	surface	unknown	iron		270
Calhoun	unnamed	surface	unknown	iron		210
Calhoun	unnamed	surface	unknown	iron		210
Calhoun	unnamed	surface	unknown	iron		190
Calhoun	unnamed	surface	unknown	iron		190
Calhoun	Brook Mountain	surface	unknown	iron		190
Calhoun	unnamed	surface	unknown	iron		170
Calhoun	Ingram Wells	surface	unknown	iron		170
Calhoun	unnamed	surface	unknown	iron		160
Calhoun	unnamed	surface	unknown	iron		170
Calhoun	unnamed	surface	unknown	iron		170
Calhoun	Francis	surface	unknown	iron		170
Calhoun	unnamed	surface	unknown	iron		170
Calhoun	unnamed	surface	unknown	iron		130
Calhoun	unnamed	surface	unknown	iron		160
Calhoun	unnamed	surface	unknown	iron		170
Calhoun	unnamed	surface	unknown	iron		240
Calhoun	unnamed	surface	unknown	iron		170
Calhoun	unnamed	surface	unknown	iron		240
Calhoun	unnamed	surface	unknown	iron		170

Table I-8. Continued.

County	Name	Type of Operation	Operating Status	Commodity	Company	HUC
Calhoun	Cottaquilla Mountain	surface	unknown	iron		240
Calhoun	unnamed	surface	unknown	iron		170
Calhoun	unnamed	surface	unknown	iron		170
Calhoun	unnamed	surface	unknown	iron		170
Calhoun	unnamed	surface	unknown	iron		160
Calhoun	unnamed	surface	unknown	iron		160
Calhoun	unnamed	surface	unknown	iron		160
Calhoun	unnamed	surface	unknown	iron		160
Calhoun	unnamed	surface	unknown	iron		160
Calhoun	unnamed	surface	unknown	iron		030
Calhoun	unnamed	surface	unknown	iron		160
Calhoun	unnamed	surface	unknown	iron		160
Calhoun	unnamed	surface	unknown	iron		160
Calhoun	unnamed	surface	unknown	iron		160
Calhoun	unnamed	surface	unknown	iron		160
Calhoun	unnamed	surface	unknown	iron		160
Calhoun	unnamed	surface	unknown	iron		160
Calhoun	unnamed	surface	unknown	iron		160
Calhoun	unnamed	surface	unknown	iron		160
Calhoun	unnamed	surface	unknown	iron		160
Calhoun	unnamed	surface	unknown	iron		170
Calhoun	unnamed	surface	unknown	iron		170
Calhoun	unnamed	surface	unknown	iron		010
Calhoun	Anniston District	surface	past producer	iron		250
Calhoun	Colvin Mountain-Calhoun County	surface	unknown	iron		010
Calhoun	Frame Mine	surface	producer	clay	Frame Brick And Tile Company	170
Calhoun	Dixie Pit	surface	producer	clay	Dixie Clay Company	170
Calhoun	Oxford Quarry	surface	producer	stone	Vulcan Materials Company Se Div.	250
Calhoun	Ohatchee Quarry	surface	producer	stone	Vulcan Materials Company	170
Calhoun	Donoho Mine	surface	producer	clay	Donoho Clay Company	190
Calhoun	Bennett Pit	surface	producer	sand & gravel	Hodges And Company Inc.	250
Calhoun	Burke Estate	unknown	raw prospect	cobalt, nickel		240
Calhoun	Lackey Pit	surface	producer	clay	Cleste B. Lackey	250
Calhoun	Frame Brick Co. Pit	surface	producer	clay	Frame Brick Company	170
Calhoun	Frame Brick Co. Pit	surface	producer	clay	Frame Brick Company	170

Table I-8. Continued.

County	Name	Type of Operation	Operating Status	Commodity	Company	HUC
Calhoun	Skinner Pit-No. 1	surface	past producer	iron		250
Calhoun	Skinner Pit No. 2	surface	past producer	iron		250
Calhoun	Skinner Pit No. 3	surface	past producer	iron		250
Calhoun	Skinner Pit No. 4	surface	past producer	iron		250
Calhoun	Skinner Deposit	surface	exp prospect	aluminum, clay		250
Calhoun	Woodstock Washer Mine	surface	past producer	iron		250
Calhoun	Eulation Pike Deposit	unknown	exp prospect	aluminum, clay		250
Calhoun	Carter Street Deposit	unknown	exp prospect	aluminum, clay		250
Calhoun	TH Street Deposit	unknown	exp prospect	aluminum, clay		250
Calhoun	Parkwin Street Deposit	unknown	exp prospect	aluminum, clay		250
Calhoun	Boozer Prospect	unknown	exp prospect	aluminum		240
Calhoun	Love Prospect	unknown	exp prospect	aluminum		240
Calhoun	Kitchens Prospect	unknown	exp prospect	aluminum		170
Calhoun	De Armanville Prospect	unknown	exp prospect	aluminum, clay		250
Calhoun	Baker-Rhodes Prospect	unknown	raw prospect	aluminum		250
Calhoun	Hudson Prospect	unknown	raw prospect	aluminum		250
Calhoun	Gorey Pit	surface	past producer	barite		170
Calhoun	Peaceburg Alumina Prospect	unknown	raw prospect	aluminum		190
Calhoun	J L Johnson Mine	surface	past producer	barite		170
Calhoun	A A Williams Mine	surface	past producer	barite		160
Calhoun	Scarborough Iron Mine	underground	past producer	iron		160
Calhoun	Janey Iron Mine	surface	past producer	iron, manganese		160
Calhoun	Woodstock Iron Mine	surface	past producer	iron		160
Calhoun	Phillips Gap Prospects	unknown	exp prospect	iron		160
Calhoun	unnamed prospect	unknown	exp prospect	iron		160
Calhoun	unnamed prospect	surface	exp prospect	iron		160
Calhoun	unnamed prospect	unknown	raw prospect	iron		160
Calhoun	Pryor Mine	unknown	past producer	iron		160
Calhoun	unnamed prospect	unknown	exp prospect	iron		160
Calhoun	unnamed prospect	surface	exp prospect	iron		160
Calhoun	unnamed prospect	unknown	raw prospect	iron		160
Calhoun	Laney Mine	surface-underground	past producer	iron		160
Calhoun	J F Crow Prospect	unknown	raw prospect	aluminum		170
Calhoun	Bertha Mineral Company Mine	surface	past producer	barite		170
Calhoun	Mrs. Fannie Broughton Prospect	unknown	exp prospect	barite		160
Calhoun	Bud Clark Mine	surface	past producer	barite		170

Table I-8. Continued.

County	Name	Type of Operation	Operating Status	Commodity	Company	HUC
Calhoun	Egbert & Isaac Clark Prospect	unknown	raw prospect	barite		170
Calhoun	S J Clark Prospect	unknown	raw prospect	barite		170
Calhoun	J F Noah Prospect	unknown	raw prospect	barite		160
Calhoun	Milt Phillips Prospect	unknown	exp prospect	barite		160
Calhoun	Martha Stone Prospect	unknown	raw prospect	barite		170
Calhoun	Albert Taylor Prospect	unknown	exp prospect	barite		160
Calhoun	Tom Walker Prospect	unknown	exp prospect	barite		160
Calhoun	unnamed mine	unknown	past producer	iron		250
Calhoun	unnamed prospect	unknown	raw prospect	iron		190
Calhoun	unnamed prospect	unknown	raw prospect	iron		240
Calhoun	unnamed mine	unknown	past producer	iron		160
Calhoun	unnamed prospect	unknown	raw prospect	iron		170
Calhoun	unnamed prospect	unknown	raw prospect	iron		170
Calhoun	unnamed prospect	unknown	raw prospect	iron		170
Calhoun	unnamed prospect	unknown	raw prospect	lead, zinc		190
Calhoun	unnamed prospect	unknown	raw prospect	lead, zinc		190
Calhoun	unnamed prospect	unknown	raw prospect	lead, zinc		160
Calhoun	unnamed prospect	unknown	raw prospect	lead, zinc		170
Calhoun	unnamed prospect	unknown	raw prospect	lead, zinc		170
Calhoun	unnamed prospect	unknown	raw prospect	barite		210
Calhoun	unnamed prospect	unknown	raw prospect	barite		160
Calhoun	unnamed prospect	unknown	raw prospect	barite		170
Calhoun	unnamed prospect	unknown	raw prospect	barite		170
Calhoun	unnamed prospect	unknown	raw prospect	barite		170
Calhoun	unnamed prospect	unknown	raw prospect	barite		170
Calhoun	unnamed prospect	unknown	raw prospect	barite		170
Calhoun	unnamed prospect	unknown	raw prospect	barite		170
Calhoun	unnamed prospect	unknown	raw prospect	barite		170
Calhoun	Sand And Gravel Pit	surface	past producer	sand & gravel		250
Calhoun	Sand And Gravel Pit	surface	past producer	sand & gravel		250
Calhoun	Sand And Gravel Pit	surface	past producer	sand & gravel		130
Calhoun	Sand Pit	surface	past producer	sand & gravel		170
Calhoun	Quarry	surface	past producer	stone		250
Calhoun	Quarry	surface	past producer	stone		170
Calhoun	unnamed mine	surface	past producer	clay		250
Calhoun	Walker Pits	surface	past producer	aluminum		170

Table I-8. Continued.

County	Name	Type of Operation	Operating Status	Commodity	Company	HUC
Calhoun	Cal 1 Clay Prospect	surface	devel deposit	clay		170
Calhoun	Dubois Mine	surface	past producer	clay		170
Calhoun	Cal 3 Clay Prospect	unknown	exp prospect	clay		250
Calhoun	Austin Pit	surface	producer	sand & gravel	APAC Alabama Inc.; Hodges Div.	250
Calhoun	Cobb Pit	surface	producer	sand & gravel	APAC Alabama Inc. Hodges Div.	250
Calhoun	Mammoth Prospect	unknown	exp prospect	sulfur		160
Cherokee	Gilley Fluorspar Deposit	underground	past producer	fluorine	J C Gilley	010
Cherokee	Wright Prospect	surface	exp prospect	aluminum		010
Cherokee	Cherokee County	underground	unknown	iron		010
Cherokee	unnamed	surface	unknown	iron		030
Cherokee	Cunliff Prospect	unknown	exp prospect	aluminum		010
Clay	Dean Watts Manganese Mine	surface-underground	past producer	manganese	J.W. And I. C. Dean	330
Clay	Pyriton Area	surface-underground	past producer	sulfur, copper, iron, zinc, gold	Hugh W Agricola	330
Clay	Dempsey	surface	unknown	iron		190
Clay	unnamed	surface	unknown	iron		330
Clay	Ashland Mine	surface	past producer	mica		330
Clay	Campbell-Alabama Mineral Land Mine	underground	past producer	mica		330
Clay	Hurst Mine	surface-underground	past producer	mica		330
Clay	C D Hodge Prospect	surface	devel deposit	mica		330
Clay	Bob Lee Mica Prospect	unknown	raw prospect	mica		330
Clay	Shirley-Gopher Mine	surface-underground	past producer	mica		330
Clay	C B Allen Area	surface	past producer	graphite	Amoco Mineral Company	160
Clay	Shirey Prospect No. 2	surface-underground	exp prospect	mica		250
Clay	Gopher Mine	surface-underground	past producer	mica		330
Clay	Hodge Mine And Prospect	surface-underground	past producer	mica		330
Clay	Shirley Prospect	surface	exp prospect	mica		330
Clay	Shirey Prospect No 2	surface-underground	exp prospect	mica		250
Clay	Shirley Prospect No. 3	surface-underground	exp prospect	mica		330
Clay	Shirey Prospect No. 4	surface-underground	exp prospect	mica		330
Clay	Gibson Mine	surface-underground	past producer	mica		330
Clay	Bob Lee No. 2 Mine	surface-underground	past producer	mica		330

Clay	Hudson Mine	underground	past producer	mica		330
Clay	Bob Mitchell Prospect	surface	exp prospect	mica		330

Table I-8. Continued.

County	Name	Type of Operation	Operating Status	Commodity	Company	HUC
Clay	Pitts No. 1 Mine	surface-underground	unknown	mica		330
Clay	Pitts No. 2 Mine	underground	past producer	mica		330
Clay	May Mine	underground	past producer	mica		330
Clay	Haralson Mine	surface-underground	past producer	mica		330
Clay	Alabama Gold & Mica Co. Mine	unknown	past producer	gold		330
Clay	Brown Prospect	underground	exp prospect	gold		330
Clay	Caldwell Mine	unknown	past producer	sulfur, copper		330
Clay	Franklin Mine	surface	past producer	gold		330
Clay	Haraldson Mine	unknown	past producer	gold		330
Clay	Hobbs Prospect	surface	exp prospect	gold		330
Clay	Horns Peak Mine	underground	past producer	gold		330
Clay	L & M Mining Association Mine	underground	past producer	sulfur, copper		330
Clay	Laurel Prospect	surface	past producer	gold		330
Clay	National Pyrite & Copper Co. Mine	underground	past producer	sulfur, copper		330
Clay	Sewell Property	unknown	past producer	sulfur, copper		330
Clay	Southern Sulfur Ore Co. Mine	underground	past producer	sulfur, copper		330
Clay	National Pyrite & Copper Co. Mine	surface	past producer	sulfur		330
Clay	Alabama #3 Mine	surface	past producer	graphite	International Carbon & Minerals Corp.	330
Clay	unnamed prospect	unknown	raw prospect	graphite		330
Clay	Robinson Prospect	surface-underground	exp prospect	mica		330
Cleburne	King Mine	surface-underground	past producer	gold		250
Dallas	Fort Payne Mine	surface	past producer	iron		050
De Kalb	C W Chumley Property	surface	past producer	manganese	C. W. Chumley	060
De Kalb	unnamed	surface	unknown	iron		050
De Kalb	unnamed	surface	unknown	iron		050
De Kalb	unnamed	surface	unknown	iron		050
De Kalb	DeKalb County	surface	unknown	iron		050
De Kalb	Fort Payne Quarry	surface	producer	stone	Covington Stone Company	050
De Kalb	Pearsall Quarry	surface	past producer	stone	Pearsall Limestone Inc.	050
De Kalb	Browder Mine	surface	past producer	clay	Ladd Mine	050
De Kalb	New Ladd Mine	surface	past producer	clay		050

De Kalb	Jesse Manning Prospect	unknown	raw prospect	iron		050
De Kalb	Allen Prospect	unknown	raw prospect	iron		050

Table I-8. Continued.

County	Name	Type of Operation	Operating Status	Commodity	Company	HUC
De Kalb	unnamed prospect	unknown	raw prospect	iron		050
De Kalb	Fort Payne Prospects	unknown	exp prospect	iron		050
De Kalb	unnamed prospect	unknown	raw prospect	iron		050
De Kalb	Fort Payne Mine	surface	past producer	iron		050
De Kalb	unnamed prospect	unknown	raw prospect	iron		050
De Kalb	unnamed prospect	unknown	raw prospect	iron		050
De Kalb	unnamed prospect	unknown	raw prospect	iron		050
De Kalb	unnamed prospect	unknown	raw prospect	iron		050
De Kalb	unnamed prospect	unknown	raw prospect	iron		050
De Kalb	unnamed prospect	surface-underground	exp prospect	iron		050
De Kalb	Ladd Mine	surface	past producer	clay	Ladd Fullers Earth Company	050
De Kalb	unnamed prospect	unknown	raw prospect	aluminum		050
De Kalb	unnamed prospect	unknown	raw prospect	aluminum		050
De Kalb	Dek 4 Clay Prospect	unknown	exp prospect	clay		050
De Kalb	Dek 5 Clay Prospect	unknown	exp prospect	clay		050
Etowah	Sewell Deposit	surface-underground	past producer	manganese	Jack Rosenbaum	110
Etowah	unnamed	surface	unknown	iron		110
Etowah	unnamed	surface	unknown	iron		120
Etowah	unnamed	surface	unknown	iron		070
Etowah	Boatfield Pit	surface	past producer	sand & gravel	Black Brothers Sand And Gravel	030
Etowah	Black Bros. S&G Pit	surface	past producer	sand & gravel	Black Brothers Sand & Gravel Co.	040
Etowah	Greasy Cove Area Prospect	unknown	raw prospect	iron		120
Etowah	Jap Mine	underground	past producer	iron		040
Etowah	Etowah Iron Ore Prospect No 1	unknown	raw prospect	iron		040
Etowah	Etowah Iron Ore Prospect N0 2	unknown	raw prospect	iron		040
Etowah	Attalla Iron Ore Prospect No 1	unknown	raw prospect	iron		070
Etowah	Attalla Iron Ore Prospect No 2	unknown	raw prospect	iron		070
Etowah	Attalla Iron Ore Prospect No 3	unknown	raw prospect	iron		070
Etowah	W. F. Stowers Mine	underground	past producer	iron		070
Etowah	Jirama Prospect	unknown	raw prospect	iron		070
Etowah	Etowah No. 1 Mine	underground	past producer	iron		040
Etowah	Roebuck No. 1 Mine	underground	past producer	iron		040
Etowah	Roebuck No. 2 Mine	underground	past producer	iron		040
Etowah	Daisy Mine	underground	past producer	iron		040

Etowah	Etowah No. 2 Mine	underground	past producer	iron		040
Etowah	unnamed mine	unknown	raw prospect	iron		120

Table I-8. Continued.

County	Name	Type of Operation	Operating Status	Commodity	Company	HUC
Etowah	unnamed prospect	unknown	raw prospect	iron		090
Etowah	unnamed prospect	unknown	raw prospect	iron		090
Etowah	Mrs. Alice Campbell Prospect	surface	past producer	barite		130
Etowah	John T Hagen Prospect	unknown	raw prospect	barite		130
Etowah	N E Miller Prospect	unknown	raw prospect	barite		130
Etowah	Giles Myric Mine	surface	past producer	barite		250
Etowah	Sparks Prospect	unknown	exp prospect	barite		030
Etowah	Whorton Bend Pit	surface	past producer	sand & gravel	Baker Sand & Gravel Co	090
Etowah	Osborn Pit No 1	surface	producer	sand & gravel	Osborn Sand & Gravel Co	070
Etowah	Southside Pit	surface	past producer	clay	Etowah County Commission	130
Etowah	Glencoe Quarry	surface	producer	stone	Vulcan Materials Co. So.	250
Etowah	Markton Limestone Test	surface-underground	devel deposit	stone		130
Etowah	Dunaway Mountain Dolomite Quarry	surface	past producer	stone		120
Etowah	Schoolhouse Gap Iron Prospect	unknown	exp prospect	iron		070
Etowah	Iron Prospect 1	unknown	exp prospect	iron		070
Etowah	Iron Prospect 2	unknown	exp prospect	iron		070
Etowah	Iron Prospect 3	unknown	exp prospect	iron		070
Etowah	Iron Prospect 4	unknown	exp prospect	iron		070
Etowah	Iron Prospect 5	unknown	exp prospect	iron		070
Etowah	Iron Prospect 6	unknown	exp prospect	iron		070
Etowah	Gilley Deposit	unknown	raw prospect	fluorine, barite		010
Etowah	Sogna Pit	surface	producer	sand & gravel	Sagna Inc.	010
Etowah	Hanna Steel/ Gadsden Ala.	proc plant	past producer	iron	Hanna Steel Corporation	080
Etowah	Republic Steel/ Gadsden Ala.	proc plant	past producer	iron	Republic Steel Corp.	080
Etowah	Republic Steel Corp. Plant	proc plant	past producer	sulfur	Republic Steel Corp.	080
Jefferson	Birmingham Quarry	surface	producer	stone	Alpha Portland Cement Company	300
Jefferson	unnamed prospect	unknown	raw prospect	iron		100
Jefferson	unnamed prospect	unknown	raw prospect	iron		100
St. Clair	Greasy Cove Deposit	surface-underground	past producer	manganese	Mrs. Rogers	070
St. Clair	unnamed	surface	unknown	iron		300
St. Clair	unnamed	surface	unknown	iron		100

St. Clair	unnamed	surface	unknown	iron		100
St. Clair	Odenville	surface	unknown	iron		140

Table I-8. Continued.

County	Name	Type of Operation	Operating Status	Commodity	Company	HUC
St. Clair	Jump-Off Rock	surface	unknown	iron		300
St. Clair	unnamed	surface	unknown	iron		300
St. Clair	unnamed	surface	unknown	iron		200
St. Clair	unnamed	surface	unknown	iron		200
St. Clair	unnamed	surface	unknown	iron		200
St. Clair	unnamed	surface	unknown	iron		300
St. Clair	unnamed	surface	unknown	iron		300
St. Clair	unnamed	surface	unknown	iron		300
St. Clair	unnamed	surface	unknown	iron		300
St. Clair	unnamed	surface	unknown	iron		310
St. Clair	unnamed	surface	unknown	iron		320
St. Clair	St. Clair County	surface	exp prospect	iron		200
St. Clair	Riverside Pit	surface	producer	clay	Riverside Clay Company	200
St. Clair	Ragland Mine	surface	producer	clay	Ragland Brick Company	200
St. Clair	Hebble Mine	surface	past producer	aluminum	C & E Construction Company	140
St. Clair	Ashville Tract	unknown	unknown	iron		120
St. Clair	unnamed mine	surface	past producer	iron		100
St. Clair	unnamed mine	surface	past producer	iron		100
St. Clair	unnamed mine	surface-underground	past producer	iron		100
St. Clair	unnamed mine	surface-underground	past producer	iron		100
St. Clair	unnamed prospect	unknown	raw prospect	iron		100
St. Clair	unnamed mine	surface-underground	past producer	iron		100
St. Clair	unnamed prospect	underground	exp prospect	iron		100
St. Clair	unnamed prospect	unknown	raw prospect	iron		100
St. Clair	unnamed mine	surface	past producer	iron		100
St. Clair	unnamed prospect	unknown	exp prospect	iron		100
St. Clair	unnamed prospect	unknown	raw prospect	iron		100
St. Clair	unnamed prospect	unknown	raw prospect	iron		140
St. Clair	unnamed prospect	unknown	exp prospect	iron		100
St. Clair	unnamed prospect	unknown	exp prospect	iron		100
St. Clair	Barker Mountain Prospect	underground	exp prospect	iron		100
St. Clair	unnamed prospect	unknown	raw prospect	iron		120
St. Clair	unnamed prospect	unknown	exp prospect	iron		120
St. Clair	unnamed prospect	unknown	raw prospect	iron		100

St. Clair	unnamed prospect	unknown	exp prospect	iron		120
St. Clair	A T Cox Prospect	unknown	exp prospect	barite		140

Table I-8. Continued.

County	Name	Type of Operation	Operating Status	Commodity	Company	HUC
St. Clair	Pete Green Prospect	unknown	raw prospect	barite, lead		090
St. Clair	Will Morris Mine	surface	past producer	barite		140
St. Clair	Pit No 1	surface	producer	sand & gravel	Bounty Corp Soils & Construction	180
St. Clair	Ragland Shale Pit	unknown	exp prospect	clay		200
St. Clair	Ragland Quarry	surface	past producer	stone	National Cement Company Inc.	200
St. Clair	Ragland Quarry	surface	producer	stone	National Cement Co. Inc.	200
St. Clair	Ragland Cement Plant	proc plant	producer	stone	National Portland Cement	200
Shelby	Unnamed	surface	unknown	iron		310
Shelby	Luther Davis Mine	surface	past producer	barite		310
Shelby	T C Elliott Prospect	unknown	raw prospect	barite		310
Shelby	T S Florey Prospect	unknown	exp prospect	barite		310
Shelby	R P Tucker Prospect	surface	exp prospect	barite		310
Shelby	W W Wyatt Mine	surface	past producer	barite		310
Talladega	Gold Log Mine	underground	past producer	gold, copper, silver	Story Mine	330
Talladega	Ironton District	surface	past producer	iron		260
Talladega	unnamed	surface	unknown	iron		250
Talladega	unnamed	surface	unknown	iron		270
Talladega	unnamed	surface	unknown	iron		270
Talladega	unnamed	surface	unknown	iron		270
Talladega	unnamed	surface	unknown	iron		280
Talladega	unnamed	surface	unknown	iron		280
Talladega	unnamed	surface	unknown	iron		330
Talladega	unnamed	surface	unknown	iron		260
Talladega	unnamed	surface	unknown	iron		260
Talladega	unnamed	surface	unknown	iron		260
Talladega	unnamed	surface	unknown	iron		260
Talladega	unnamed	surface	unknown	iron		330
Talladega	unnamed	surface	unknown	iron		330
Talladega	unnamed	surface	unknown	iron		330
Talladega	unnamed	surface	unknown	iron		280
Talladega	unnamed	surface	unknown	iron		260
Talladega	unnamed	surface	unknown	iron		330

Talladega	unnamed	surface	unknown	iron		270
Talladega	unnamed	surface	unknown	iron		280

Table I-8. Continued.

County	Name	Type of Operation	Operating Status	Commodity	Company	HUC
Talladega	unnamed	surface	unknown	iron		280
Talladega	unnamed	surface	unknown	iron		330
Talladega	unnamed	surface	unknown	iron		330
Talladega	unnamed	surface	unknown	iron		330
Talladega	unnamed	surface	unknown	iron		280
Talladega	Norman Mountain	surface	unknown	iron		280
Talladega	unnamed	surface	unknown	iron		280
Talladega	unnamed	surface	unknown	iron		280
Talladega	unnamed	surface	unknown	iron		320
Talladega	unnamed	surface	unknown	iron		320
Talladega	unnamed	surface	unknown	iron		320
Talladega	unnamed	surface	unknown	iron		320
Talladega	Parsons Mine	surface	past producer	aluminum, iron		330
Talladega	Rozelle-Holmes Mine	surface	past producer	iron		270
Talladega	Alpine Mountain Prospect	unknown	unknown	iron		330
Talladega	Gold Log Mine	underground	past producer	gold		330
Talladega	Riddles Mill Mine	underground	past producer	gold		330
Talladega	Robb Placer	placer	past producer	gold		330
Talladega	Story Mine	underground	past producer	gold		330
Talladega	Woodward Prospect	unknown	exp prospect	gold, silver		330
Tallapoosa	Duncan Prospect	unknown	exp prospect	gold		030

Table I-9. Alabama Natural Heritage Program[SM] Element Occurrence Records ≤1 km from mine sites identified from EPA's Better Assessment Science Integrating point and Nonpoint Sources (BASINS) dataset within the Middle Coosa River watershed. The hydrologic unit code (HUC) is the 3 digit subwatershed code of the 11-digit HUC; all are within the same basin – 03150106.

Major Group	EO Code	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	HUC	County	Closest Facility Name	Facilities Current Status
Amphibians	AAAAA01140*011*AL	*Ambystoma tigrinum*	tiger salamander	G5	S3	(PS)		250	Calhoun	unnamed	unknown
Amphibians	AAAAA01140*016*AL	*Ambystoma tigrinum*	tiger salamander	G5	S3	(PS)		250	Calhoun	unnamed	unknown
Amphibians	AAAAD03010*006*AL	*Desmognathus aeneus*	seepage salamander	G3G4	S2			170	Calhoun	unnamed prospect	raw prospect
Amphibians	AAAAD03010*007*AL	*Desmognathus aeneus*	seepage salamander	G3G4	S2			330	Clay	Bob Mitchell Prospect	exp prospect
Fish	AFC4E02210*001*AL	*Cottus paulus*	pygmy sculpin	G1	S1	LT	SP	250	Calhoun	Glencoe Quarry	producer
Fish	AFCJB49020*002*AL	*Cyprinella caerulea*	blue shiner	G2	S1	LT	SP	250	Calhoun	unnamed	unknown
Fish	AFCJB49020*018*AL	*Cyprinella caerulea*	blue shiner	G2	S1	LT	SP	250	Calhoun	Hudson Prospect	raw prospect
Fish	AFCQC02190*001*AL	*Etheostoma ditrema*	coldwater darter	G1G2	S1		SP	250	Calhoun	Glencoe Quarry	past producer
Fish	AFCQC02190*009*AL	*Etheostoma ditrema*	coldwater darter	G1G2	S1		SP	250	Calhoun	Glencoe Quarry	producer
Fish	AFCQC02190*010*AL	*Etheostoma ditrema*	coldwater darter	G1G2	S1		SP	250	Calhoun	Hudson Prospect	producer
Fish	AFCLA04010*023*AL	*Typhlichthys subterraneus*	southern cavefish	G4	S3		SP	050	De Kalb	New Ladd Mine	raw prospect
Insects	IITRI90070*001*AL	*Pycnopsyche virginica*	caddisfly	G?	S1			250	Calhoun	Glencoe Quarry	unknown
Insects	IILEPJ6010*001*AL	*Speyeria diana*	diana	G3	S2?			190	Calhoun	unnamed	past producer
Insects	IILEPJ6010*002*AL	*Speyeria diana*	diana	G3	S2?			070	Etowah	Greasy Cove Deposit	producer
Reptiles	ARADB17030*004*AL	*Heterodon simus*	southern hognose snake	G2	SH		SP	250	Calhoun	unnamed	unknown
Snails	IMGASK2100*008*AL	*Elimia bellula*	walnut elimia	G1	S1			270	Talladega	unnamed	unknown
Snails	IMGASK2390*002*AL	*Elimia gerhardti*	coldwater elimia	G5	S3S4			270	Talladega	unnamed	unknown
Snails	IMGASK2390*015*AL	*Elimia gerhardti*	coldwater elimia	G5	S3S4			250	Calhoun	Cobb Pit	unknown
Snails	IMGASK2390*028*AL	*Elimia gerhardti*	coldwater elimia	G5	S3S4			330	Talladega	Story Mine	producer
Snails	IMGASK2390*061*AL	*Elimia gerhardti*	coldwater elimia	G5	S3S4			190	Calhoun	Donoho Mine	past producer
Snails	IMGASK5110*002*AL	*Leptoxis taeniata*	painted rocksnail	G1	S1	LT	SP	270	Talladega	unnamed	producer
Snails	IMGASE9010*012*AL	*Tulotoma magnifica*	Alabama livebearing snail	G1	S1	LE	SP	160	St Clair, Calhoun	unnamed	producer
Vascular Plants	PMORC03010*006*AL	*Aplectrum hyemale*	puttyroot	G5	S2			070	Etowah	Greasy Cove Deposit	unknown
Vascular Plants	PDARA02050*002*AL	*Aralia racemosa*	American spikenard	G4G5	S1			070	Etowah	Greasy Cove Deposit	past producer
Vascular Plants	PPASP021K0*007*AL	*Asplenium trichomanes*	maidenhair spleenwort	G5	S2S3			070	Etowah	Greasy Cove Deposit	past producer
Vascular Plants	PDCEL03020*001*AL	*Celastrus scandens*	climbing bittersweet	G5	S2			070	Etowah	Greasy Cove Deposit	past producer

Table I-9. Continued.

Major Group	EO Code	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	HUC	County	Closest Facility Name	Facilities Current Status
Vascular Plants	PMSTE01010*013*AL	*Croomia pauciflora*	croomia	G3	S2			070	Etowah	Greasy Cove Deposit	past producer
Vascular Plants	PDFUM04030*002*AL	*Dicentra cucullaria*	Dutchman's breeches	G5	S2			130	Etowah	Pryor Mine	past producer
Vascular Plants	PDCEL05030*002*AL	*Euonymus atropurpureus*	wahoo	G5	S3			130	Etowah	Pryor Mine	past producer
Vascular Plants	PDGEN060Q0*010*AL	*Gentiana saponaria*	soapwort gentian	G5	S3			190	Calhoun	unnamed	unknown
Vascular Plants	PDGEN060U0*004*AL	*Gentiana villosa*	striped gentian	G4	S3			240	Calhoun	unnamed	unknown
Vascular Plants	PMORC1N020*006*AL	*Listera australis*	southern twayblade	G4	S2			070	Etowah	Greasy Cove Deposit	unknown
Vascular Plants	PDLAM17030*005*AL	*Monarda clinopodia*	basil bee-balm	G5	S2			070	Etowah	Greasy Cove Deposit	past producer
Vascular Plants	PDORO040F0*007*AL	*Orobanche uniflora*	one-flower broomrape	G5	S2			070	Etowah	Greasy Cove Deposit	unknown
Vascular Plants	PDORO040F0*008*AL	*Orobanche uniflora*	one-flower broomrape	G5	S2			070	Etowah	Greasy Cove Deposit	unknown
Vascular Plants	PMORC1Y0D0*005*AL	*Platanthera integrilabia*	white fringeless orchid	G2G3	S2	C		190	Calhoun	unnamed	past producer
Vascular Plants	PDGEN0F090*003*AL	*Sabatia capitata*	rose gentian	G2	S2			190	Calhoun	unnamed	past producer
Vascular Plants	PDSAL021E0*004*AL	*Salix humilis*	tall prairie willow	G5	S2S3			190	Calhoun	unnamed	unknown
Vascular Plants	PDLAM1U010*015*AL	*Scutellaria alabamensis*	Alabama skullcap	G2	S2			170	Calhoun	unnamed	past producer
Vascular Plants	PDLAM1U010*016*AL	*Scutellaria alabamensis*	Alabama skullcap	G2	S2			170	Calhoun	unnamed	past producer
Vascular Plants	PMLIL20080*014*AL	*Trillium decumbens*	decumbent trillium	G4	S3S4			070	Etowah	Greasy Cove Deposit	past producer
Vascular Plants	PDCPR06010*002*AL	*Triosteum angustifolium*	yellowleaf Tinker's-weed	G5	S1			130	Etowah	Pryor Mine	unknown
Vascular Plants	PDCPR06010*007*AL	*Triosteum angustifolium*	yellowleaf Tinker's-weed	G5	S1			070	Etowah	Greasy Cove Deposit	past producer

APPENDIX J. Potential point and nonpoint source pollution sources in the Middle Coosa River watershed identified by the Consortium of Alabama Environmental Groups using low-flying aircraft.

Table J-1. Potential point and nonpoint pollution sources identified using low-flying aircraft in the Middle Coosa River watershed, Alabama. The hydrologic unit code (HUC) is the 3 digit subwatershed code of the 11-digit HUC; all are within the same basin – 03150106.

Site	County	HUC	Waterbody	Latitude	Longitude	Type	Activity	Potential Pollution Problem	Description
CALH02	Calhoun	250	Choccolocco Creek	33.5833	-85.745	construction	golf course	nutrient/ sediment runoff	golf course construction. potential sediment and nutrient runoff
CALH03	Calhoun	190	Cane Creek	33.7133	-86.0683	agriculture	hog CAFO	nutrient/bacteria discharge	hog CAFO; potential chemicals, nutrients, bacteria, and antibiotics runoff and discharge
CALH04	Calhoun	250	Choccolocco Creek	33.6267	-85.7233	agriculture	sod farm	nutrient/ sediment discharge	sod farm; potential nutrient/sediment runoff
CALH07	Calhoun	160	Tallasseehatchee Creek	33.8933	-85.8817	agriculture	chicken CAFO	nutrient /bacteria discharge	chicken CAFO; potential nutrients, chemicals, bacteria, antibiotics discharge
CALH08	Calhoun	170	Tallasseehatchee Creek	33.8	-85.8833	agriculture	nursery	miscellaneous runoff	plant nursery; potential chemicals, nutrients, sediment runoff
CALH09	Calhoun	170	Tallasseehatchee Creek	33.8167	-85.8833	agriculture	chicken CAFO	nutrient /bacteria discharge	chicken CAFO; potential nutrients, chemicals, bacteria runoff
CALH10	Calhoun	250	Tallasseehatchee Creek	33.7817	-85.9279	commercial	quarry	silt runoff	rock quarry; potential silt runoff
CALH11	Calhoun	250	Choccolocco Creek	33.6067	-85.8217	municipal	waste water treatment plant	miscellaneous discharge	waste water treatment plant; miscellaneous discharge
CHER28	Cherokee	010	Coosa River	34.1167	-85.8167	agriculture	tree nursery	nutrient runoff	nursery

Table J-1. Continued.

Site	County	HUC	Waterbody	Latitude	Longitude	Type	Activity	Potential Pollution Problem	Description
DEKA01	DeKalb	050	Big Wills Creek	34.3317	-85.85	agriculture	dairy	nutrient runoff	small dairy near creek; dams on both lagoons appear to be cracked where animal waste is flowing over and into creek.
DEKA02	DeKalb	050	Big Wills Creek	34.4167	-85.7667	agriculture	chicken CAFO	nutrient runoff	chicken houses near creek where some vegetative buffer has been cleared
DEKA03	DeKalb	050	Big Wills Creek	34.34	-85.8717	commercial	land fill	sediment runoff	large land fill up hill and near by creek
DEKA04	DeKalb	050	Big Wills Creek	34.4283	-85.7733	agriculture	hog CAFO	nutrient runoff	large hog CAFO with farrowing and finishing operation. located near creek
DEKA05	DeKalb	050	Big Wills Creek	34.3333	-85.8333	agriculture	agriculture runoff	nutrient runoff	chicken CAFO
DEKA06	DeKalb	050	Big Wills Creek	34.294	-85.8795	commercial	chicken processing plant	nutrient runoff	chicken processing plant near creek
ETOW01	Etowah	030	Coosa River	34.0167	-85.9333	construction	construction	silt runoff	silt runoff from construction site
ETOW02	Etowah	030	Coosa River	34.0333	-85.8167	construction	construction	dirt being pushed into river	dirt being pushed into river while building ramp
ETOW03	Etowah	030	Coosa River	33.9833	-85.9667	commercial	municipal water	storm water runoff	
ETOW04	Etowah	030	Coosa River	34	-86	runoff catch basin	sediment pond	helps restricts runoff	sediment pond built to catch storm water runoff
ETOW05	Etowah	030	Black Creek	33.9833	-85.9833	illustration	industrial	miscellaneous runoff	Black Creek mouth to Neely Henry Lake; also shows small buffer strip on parking area of mall; parking lot has drainage into lake

Table J-1. Continued.

Site	County	HUC	Waterbody	Latitude	Longitude	Type	Activity	Potential Pollution Problem	Description
ETOW06	Etowah	090	Coosa River	33.9443	-86.0255	commercial	boat storage	miscellaneous runoff	
ETOW07	Etowah	040	Coosa River	34.0167	-85.9667	commercial	golf course	nutrient runoff	
ETOW08	Etowah	130	Coosa River	33.9375	-86.03	residential/ commercial	residential/ commercial	miscellaneous runoff	housing concentration with boat storage; could produce parking lot runoff
ETOW09	Etowah	060	Short Creek	34.1427	-86.1023	agriculture	chicken CAFO	nutrient/bacteria runoff	chicken CAFO; potential bacteria, chemicals, nutrients, and antibiotics runoff and discharge
ETOW18	Etowah	080	Black Creek	34.0333	-86.015	illustration	park	miscellaneous runoff	park with lots of parking area and people, creating potential for runoff
ETOW19	Etowah	030	Black Creek	34	-86	industrial	steel plant, closed	nutrient runoff	
STCL01	St Clair	290	Coosa River	33.5	-86.3	residential/ commercial	residential/ commercial	nutrient runoff	mobile home concentration on almost an island in lake
STCL02	St Clair	310	Coosa River	33.4255	-86.34	dam	dam	bank erosion	Logan Martin Dam; potential bank erosion below dam
STCL03	St Clair	310	Little Canoe Creek	33.425	-86.34	correctional facility	correctional facility	nutrient /bacteria discharge	St. Clair Correctional Facility; potential nutrients and bacteria discharge from waste treatment
STCL04	St Clair	200		33.6767	-86.215	commercial	land fill	miscellaneous runoff	land fill located in St. Clair County; potential miscellaneous runoff
STCL05	St Clair	180	Coosa River	33.7467	-86.086	commercial	quarry	miscellaneous discharge	large rock quarry; potential miscellaneous runoff

Table J-1. Continued.

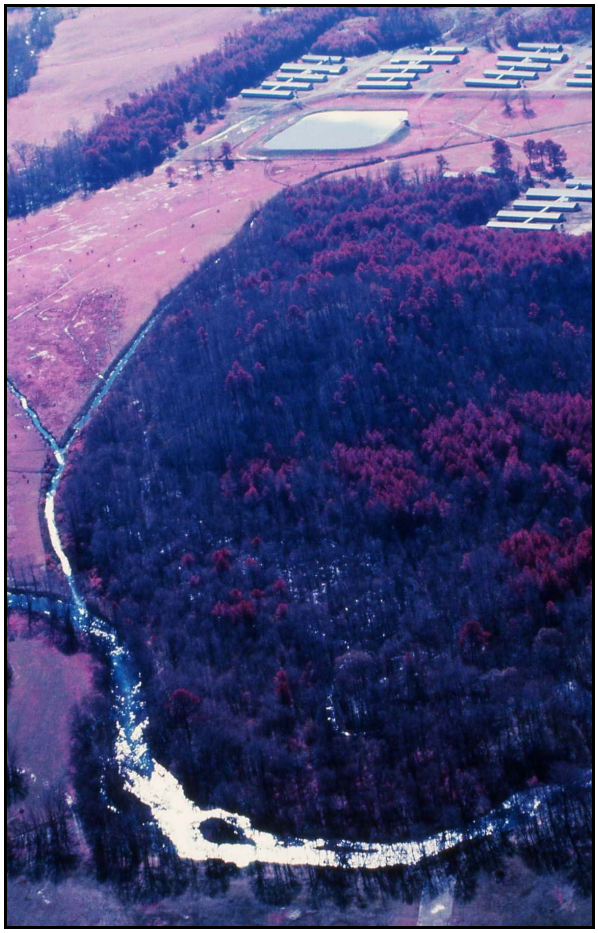
Site	County	HUC	Waterbody	Latitude	Longitude	Type	Activity	Potential Pollution Problem	Description
STCL06	St Clair	290	Logan Martin	33.4923	-86.2983	residential/ commercial	residential concentration	nutrient/ sediment runoff	mobile home concentration on lake; potential nutrients, chemicals, and bacteria discharge and runoff
STCL07	St Clair	100	Muckleroy Creek	33.8633	-86.3467	agriculture	agriculture runoff	nutrient runoff	hog CAFO; potential heavy metals, chemicals, nutrients, bacteria, and antibiotics runoff and discharge
STCL08	St Clair	100	Big Canoe Creek	33.865	-86.245	agriculture	agriculture runoff	nutrient runoff	hog CAFO with lagoons located close to creek; waste in lagoon is untreated hog sewage, could leak into ground water or flood over into creek - one photo shows flooding covering spray fields.
STCL09	St Clair	200	Coosa River	33.7188	-86.1498	drinking water source	drinking water source		planned drinking water source for St. Clair County
STCL10	St Clair	150	Shoal Creek	33.7167	-86.3267	agriculture	hog CAFO	nutrient /bacteria discharge	hog CAFO; potential nutrients, chemicals, heavy metals, and bacteria runoff and discharge
STCL11	St Clair	200	Logan Martin Lake	33.5717	-86.2417	agriculture	sod farm	nutrient/ sediment runoff	sod farm; potential nutrients, chemicals, and silt runoff
STCL21	St Clair	300	Wolf Creek	33.5683	-86.3202	commercial	motorcycle race track	auto fluids/silt runoff	auto dirt race track; potential auto fluids/silt runoff
TALD05	Talladega	310	Coosa River	33.3117	-86.3717	industrial	paper mill	miscellaneous discharge	paper mill with potential misc discharges

Table J-1. Continued.

Site	County	HUC	Waterbody	Latitude	Longitude	Type	Activity	Potential Pollution Problem	Description
TALD06	Talladega	250	Choccolocco Creek	33.55	-86.0417	auto junk yard	auto junk yard	auto fluids runoff	auto junk yard; potential auto fluids runoff
TALD07	Talladega	250	Choccolocco Creek	33.5883	-85.91	municipal	waste water treatment plant	miscellaneous discharge	waste water treatment plant; miscellaneous discharge

Site: CALH02 Waterbody: Choccolocco Creek County: Calhoun
Activity: golf course Potential Pollution Problem: nutrient/ sediment runoff

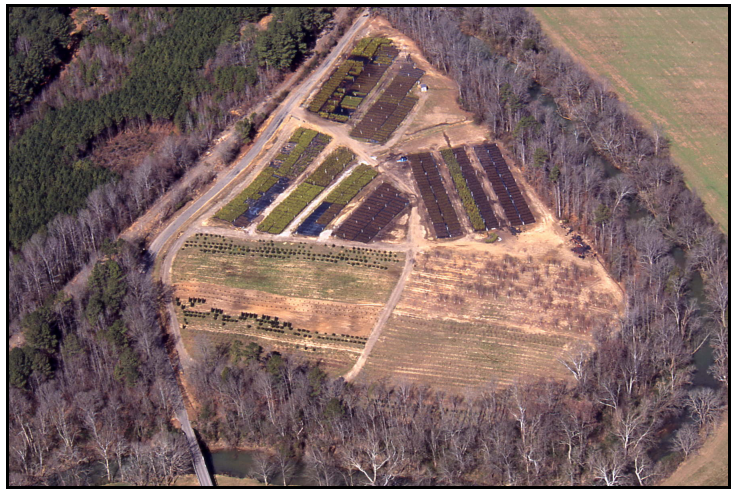
Site: CALH03 Waterbody: Cane Creek County: Calhoun
Activity: hog CAFO Potential Pollution Problem: nutrient/bacteria discharge



Site: CALH04 Waterbody: Choccolocco Creek County: Calhoun
Activity: sod farm Potential Pollution Problem: nutrient/ sediment discharge

Site: CALH07 Waterbody: Tallasseehatchee Creek County: Calhoun
Activity: chicken CAFO Potential Pollution Problem: nutrient /bacteria discharge

Site: CALH08 Waterbody: Tallasseehatchee Creek County: Calhoun
Activity: nursery Potential Pollution Problem: miscellaneous runoff

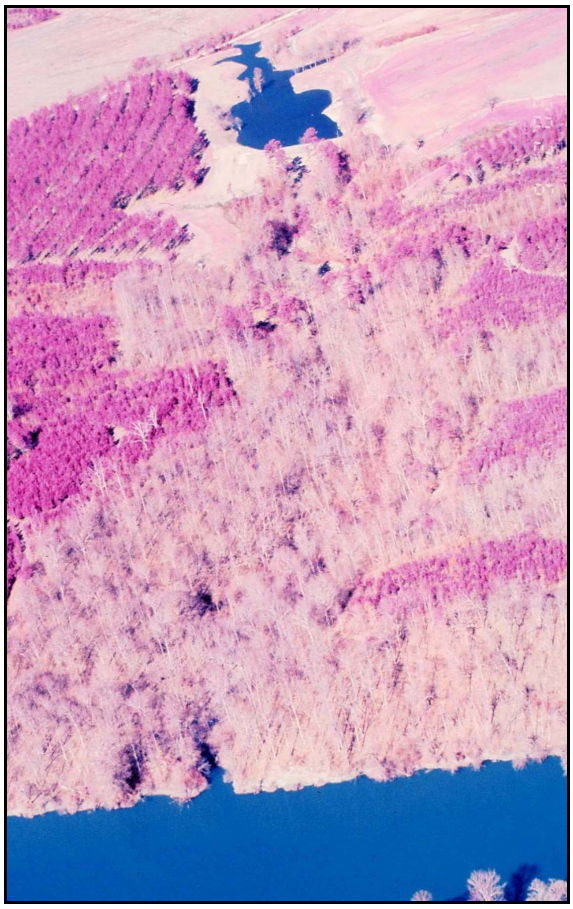


Site: CALH09 Waterbody: Tallasseehatchee Creek County: Calhoun
Activity: chicken CAFO Potential Pollution Problem: nutrient /bacteria discharge

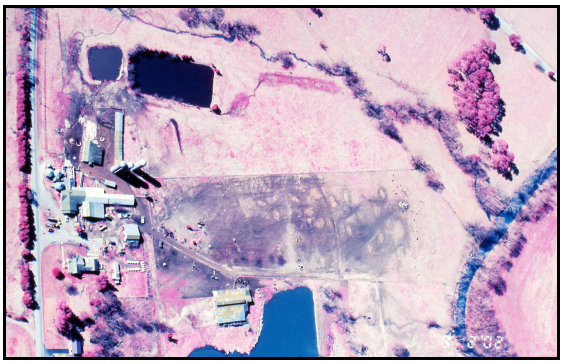
Site: CALH11 Waterbody: Choccolocco Creek County: Calhoun
Activity: waste water treatment plant
Potential Pollution Problem: miscellaneous discharge

Site: CALH10 Waterbody: Tallasseehatchee Creek County: Calhoun
Activity: quarry Potential Pollution Problem: silt runoff

Site: CHER28 Waterbody: Coosa River County: Cherokee
Activity: tree nursery Potential Pollution Problem: nutrient runoff



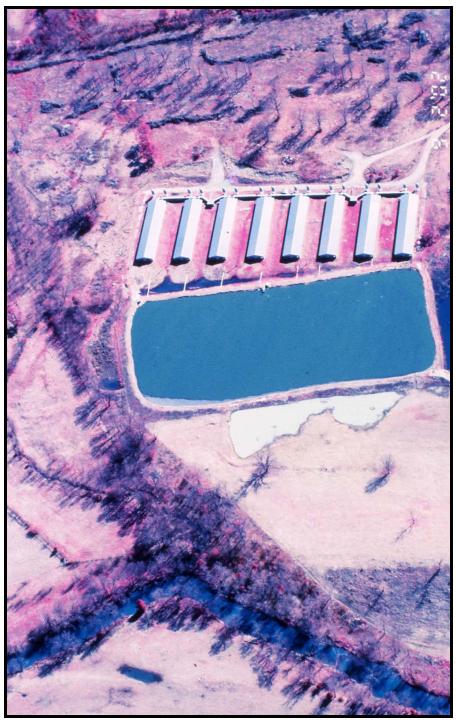
Site: DEKA01 Waterbody: Big Wills Creek County: DeKalb
Activity: dairy Potential Pollution Problem: nutrient runoff



Site: DEKA02 Waterbody: Big Wills Creek County: DeKalb
Activity: chicken CAFO Potential Pollution Problem: nutrient runoff

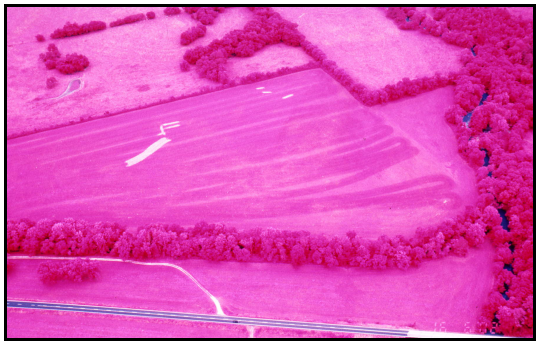
Site: DEKA03 Waterbody: Big Wills Creek County: DeKalb
Activity: land fill Potential Pollution Problem: sediment runoff

Site: DEKA04 Waterbody: Big Wills Creek County: DeKalb
Activity: hog CAFO Potential Pollution Problem: nutrient runoff



Site: DEKA05 Waterbody: Big Wills Creek County: DeKalb
Activity: agriculture runoff Potential Pollution Problem: nutrient runoff

Site: DEKA06 Waterbody: Big Wills Creek County: DeKalb
Activity: chicken processing plant Potential Pollution Problem: nutrient runoff

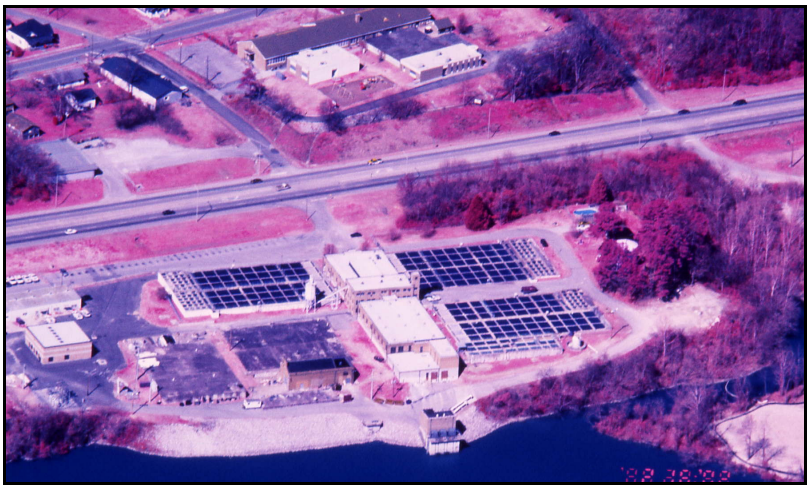


Site: ETOW01 Waterbody: Coosa River County: Etowah
Activity: construction Potential Pollution Problem: silt runoff

Site: ETOW02 Waterbody: Coosa River County: Etowah
Activity: construction Potential Pollution Problem: dirt being pushed into river

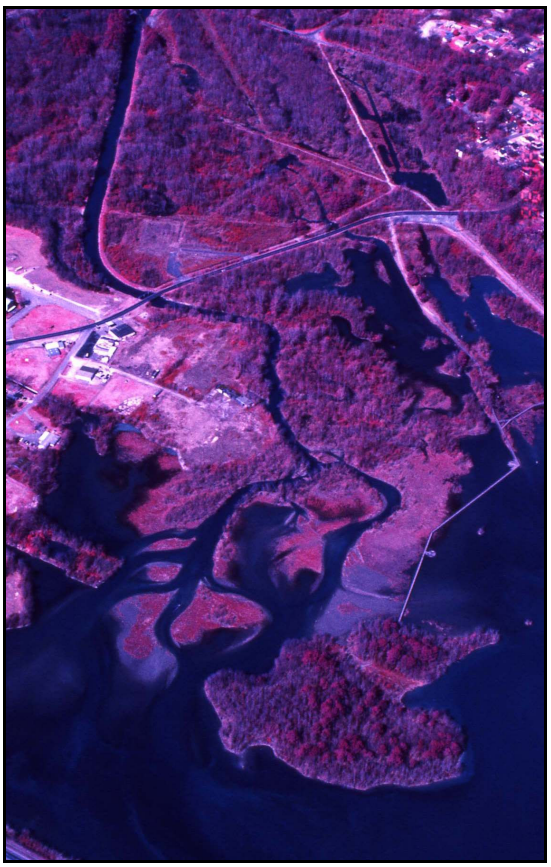
Site: ETOW06 Waterbody: Coosa River County: Etowah
Activity: boat storage Potential Pollution Problem: miscellaneous runoff

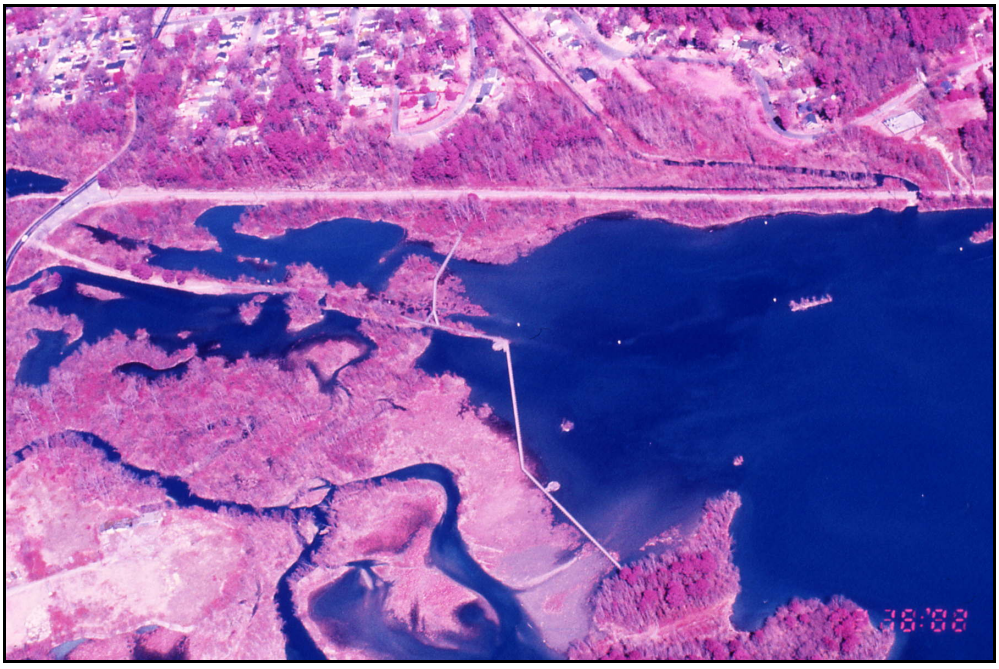
Site: ETOW03 Waterbody: Coosa River County: Etowah
Activity: municipal water Potential Pollution Problem: storm water runoff



Site: ETOW04 Waterbody: Coosa River County: Etowah
Activity: sediment pond Potential Pollution Problem: helps restricts river

Site: ETOW05 Waterbody: Black Creek County: Etowah
Activity: industrial Potential Pollution Problem: miscellaneous runoff





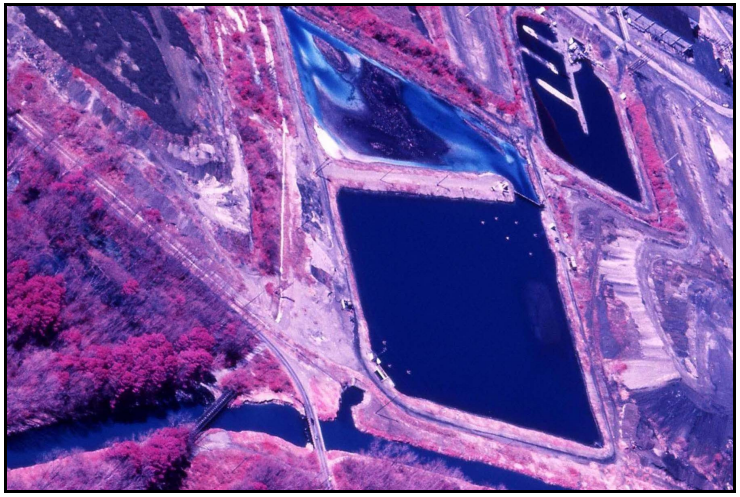
Site: ETOW07 Waterbody: Coosa River County: Etowah
Activity: golf course Potential Pollution Problem: nutrient runoff

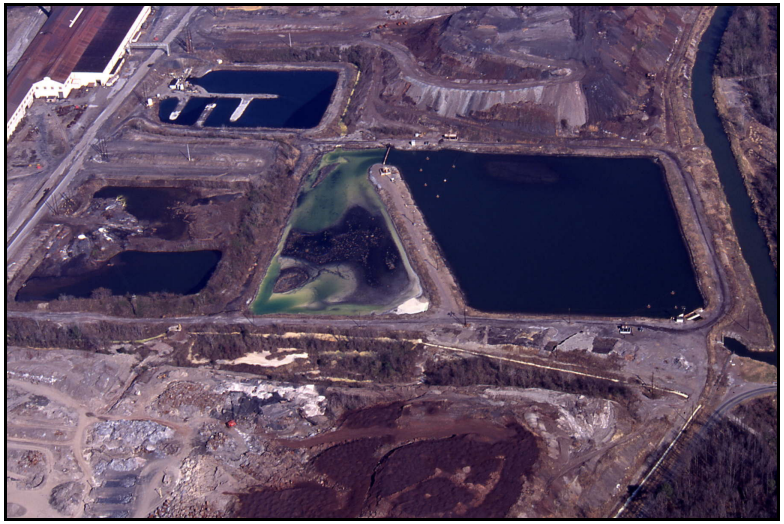
Site: ETOW08 Waterbody: Coosa River County: Etowah
Activity: residential/ commercial Potential Pollution Problem: miscellaneous runoff

Site: ETOW09 Waterbody: Short Creek County: Etowah
Activity: chicken CAFO Potential Pollution Problem: nutrient/bacteria runoff

Site: ETOW18 Waterbody: Black Creek County: Etowah
Activity: park Potential Pollution Problem: miscellaneous runoff

Site: ETOW19 Waterbody: Black Creek County: Etowah
Activity: steel plant, closed Potential Pollution Problem: nutrient runoff





Site: STCL01 Waterbody: Coosa River County: St Clair
Activity: residential/ commercial Potential Pollution Problem: nutrient runoff

Site: STCL02 Waterbody: Coosa River County: St Clair
Activity: dam Potential Pollution Problem: bank erosion

Site: STCL03 Waterbody: Little Canoe Creek County: St Clair
Activity: correctional facility Potential Pollution Problem: nutrient /bacteria discharge

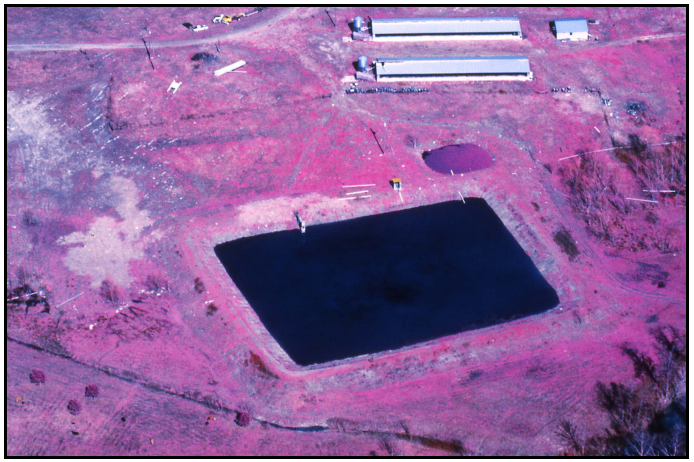
Site: STCL04 Waterbody: County: St Clair
Activity: land fill Potential Pollution Problem: miscellaneous runoff

Site: STCL05 Waterbody: Coosa River County: St Clair
Activity: quarry Potential Pollution Problem: miscellaneous discharge

Site: STCL06 Waterbody: Logan Martin County: St Clair
Activity: residential concentration Potential Pollution Problem: nutrient/ sediment runoff

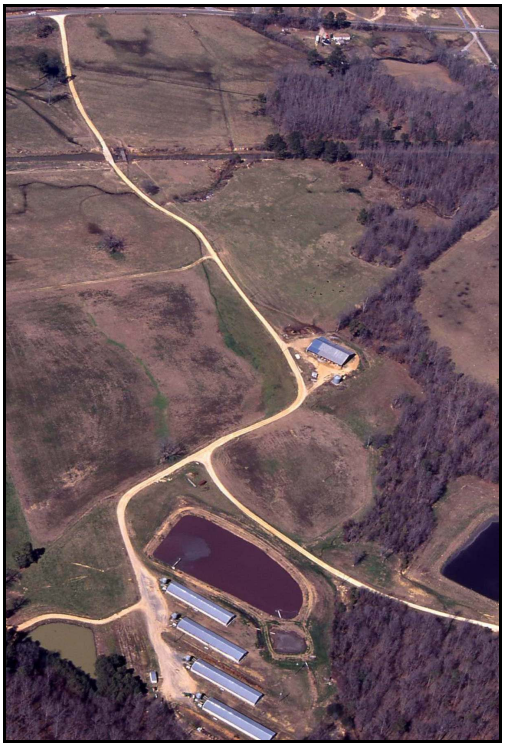
Site: STCL07 Waterbody: Muckleroy Creek County: St Clair
Activity: agriculture runoff Potential Pollution Problem: nutrient runoff

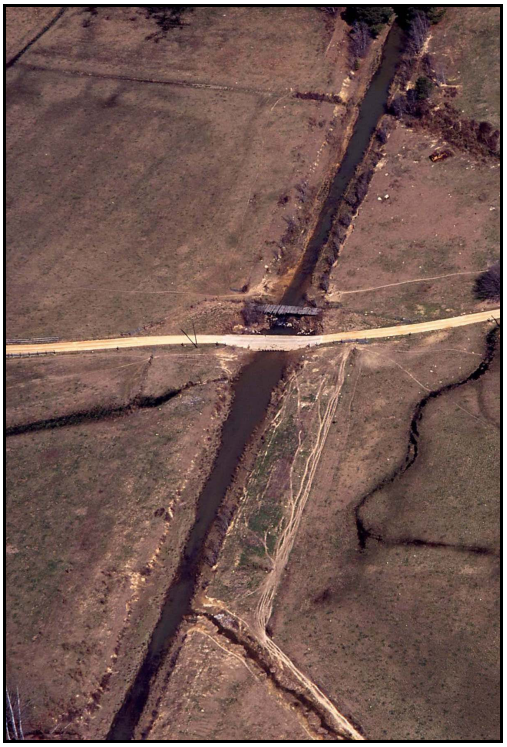
Site: STCL08 Waterbody: Big Canoe Creek County: St Clair
Activity: agriculture runoff Potential Pollution Problem: nutrient runoff



Site: STCL09 Waterbody: Coosa River County: St Clair
Activity: drinking water source Potential Pollution Problem:

Site: STCL10 Waterbody: Shoal Creek County: St Clair
Activity: hog CAFO Potential Pollution Problem: nutrient /bacteria discharge



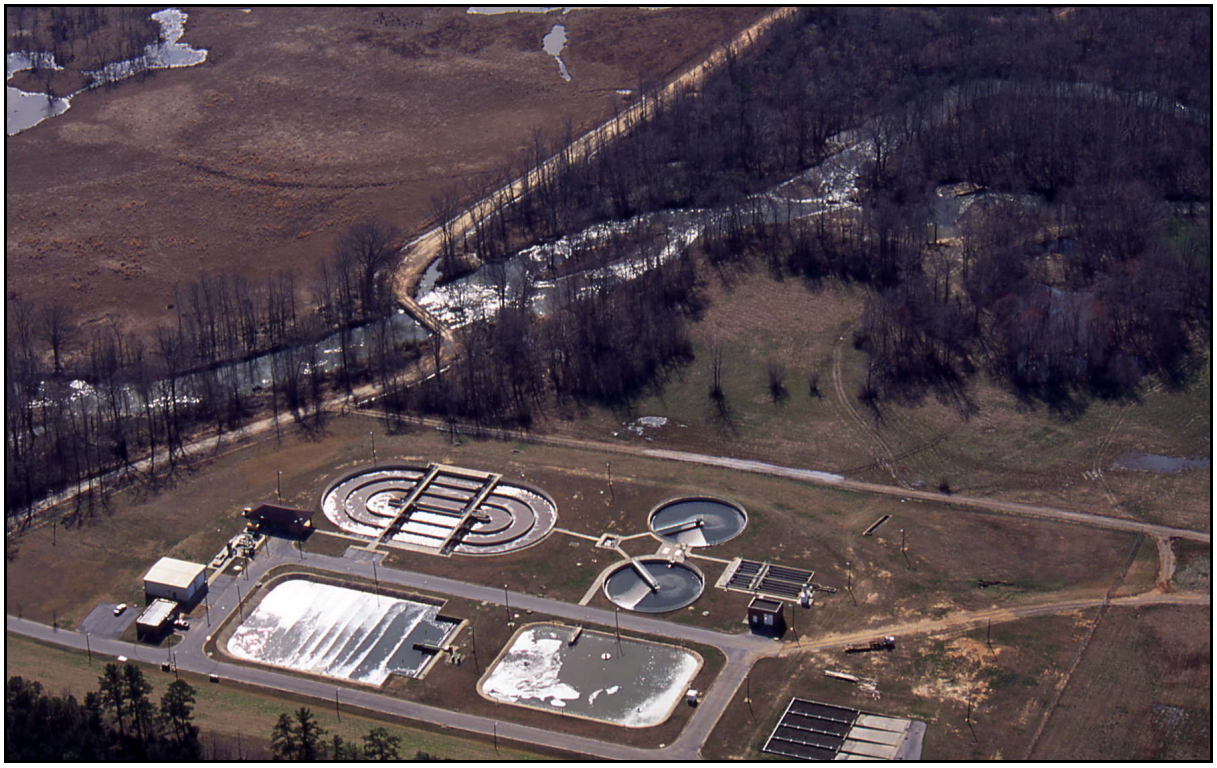


Site: STCL11 Waterbody: Logan Martin Lake County: St Clair
Activity: sod farm Potential Pollution Problem: nutrient/ sediment runoff

Site: TALD05 Waterbody: Coosa River County: Talladega
Activity: paper mill Potential Pollution Problem: miscellaneous discharge

Site: TALD06 Waterbody: Choccolocco Creek County: Talladega
Activity: auto junk yard Potential Pollution Problem: auto fluids runoff

Site: TALD07 Waterbody: Choccolocco Creek County: Talladega
Activity: waste water treatment plant
Potential Pollution Problem: miscellaneous discharge



APPENDIX K. Alabama Natural Heritage Program[SM] Element Occurrence Records for the Upper Coosa River Watershed.

Table K-1. Alabama Natural Heritage Program[SM] Element Occurrence Records for the Upper Coosa River watershed as of March 2003. Coordinates given are rounded to the nearest minute. The hydrologic unit code (HUC) is the 3 digit subwatershed code of the 11-digit HUC; all are within the same basin – 03150105. Date last observed is the date the Element was last observed at this location; an historical date does not necessarily mean that the Element no longer occurs there, but may instead reflect a lack of survey effort since.

HUC	Major Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	County; Quad	Town Range	Section	Latitude, Longitude	Date Last Observed	EO Data
30	Snails	*Elimia gerhardti*	coldwater elimia	G5	S3S4			Cherokee; Gaylesville	008S 011E	32	343100N, 0853100W	06/02/ 1992	
80	Insects	*Agapetus spinosus*	caddisfly	G?	S1			De Kalb; Jamestown, Valley Head	006S 010E	20	343700N, 0853700W		Collected May, June.
80	Insects	*Ceraclea alabamae*	caddisfly	G1	S1			De Kalb; Jamestown, Valley Head	006S 010E	20	343700N, 0853700W		Collected June.
80	Insects	*Ceraclea alces*	caddisfly	G?	S1			De Kalb; Jamestown	006S 010E	20	343700N, 0853700W		Collected June.
80	Insects	*Cheumatopsyche helma*	Helma's cheumatopsyche caddisfly	G1G3	S1			De Kalb; Jamestown	006S 010E	29	343700N, 0853700W		Collected May, June.
80	Insects	*Wormaldia shawnee*	caddisfly	G?	S1			De Kalb; Jamestown, Valley Head	006S 010E	29	343700N, 0853700W		Collected May, June.
80	Vascular Plants	*Bigelowia nuttallii*	Nuttall's rayless goldenrod	G3G4	S3			De Kalb; Jamestown	006S 010E	20	343700N, 0853700W	07/27/ 2000	2000-08-01: hundreds, all across terrace. 1993-0-09: about 150-200 plants scattered on rocky sandstone ledge.
80	Vascular Plants	*Bigelowia nuttallii*	Nuttall's rayless goldenrod	G3G4	S3			De Kalb; Valley Head	016S 010E	4	343600N, 0853600W	11/30/ 2001	
80	Vascular Plants	*Coreopsis pulchra*	woodland tickseed	G2	S2			De Kalb; Valley Head	006S 010E	19	343700N, 0853700W	07/21/ 1978	Scattered in thick moss over sandstone outcrop.

Table K-1. Continued.

HUC	Major Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	County; Quad	Town Range	Section	Latitude, Longitude	Date Last Observed	EO Data
80	Vascular Plants	*Coreopsis pulchra*	woodland tickseed	G2	S2			De Kalb; Jamestown	006S 010E	28	343600N, 0853600W	09/10/ 1993	A few hundred plants scattered here and there along main Scout Trail, mainly in fairly open, sunny situations where sand is exposed, often in or adjacent to sandstone boulders.
80	Vascular Plants	*Coreopsis pulchra*	woodland tickseed	G2	S2			De Kalb; Jamestown	006S 010E	19	343700N, 0853700W	07/27/ 2000	2000-07-27: 17-25 plants, in flower.
80	Vascular Plants	*Cuscuta harperi*	Harper's dodder	G2	S2			De Kalb; Valley Head	006S 010E	4	343600N, 0853600W	07/00/ 1898	Flowers distinctly pedicelled and in loose clusters.
80	Vascular Plants	*Cuscuta harperi*	Harper's dodder	G2	S2			De Kalb; Valley Head	016S 010E	4	343600N, 0853600W	11/30/ 2001	
80	Vascular Plants	*Cypripedium acaule*	pink lady's-slipper	G5	S3			De Kalb; Jamestown	006S 010E	19	343700N, 0853700W	09/10/ 1993	Ca. 15 plants observed, mainly on high, partly open ground on slope north of creek. Only a few had remnants of season's flowers.
80	Vascular Plants	*Juglans cinerea*	butternut	G3G4	S1			De Kalb; Valley Head	006S 010E	4	343600N, 0853600W	06/07/ 2000	1 tree
80	Vascular Plants	*Melanthium parviflorum*	small-flowered false hellebore	G4?	S1S2			De Kalb; Jamestown	006S 010E	28	343600N, 0853600W	09/10/ 1993	About a dozen to 18 plants seen, only 4 individuals seen flowering.
80	Vascular Plants	*Melanthium parviflorum*	small-flowered false hellebore	G4?	S1S2			De Kalb; Jamestown	006S 010E	19	343700N, 0853700W	09/10/ 1993	About 40-60 plants observed, but less than 10% were flowering.

Table K-1. Continued.

HUC	Major Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	County; Quad	Town Range	Section	Latitude, Longitude	Date Last Observed	EO Data
80	Vascular Plants	*Pyrularia pubera*	buffalo-nut	G5	S2			De Kalb; Jamestown	006S 010E	28	343600N, 0853600W	09/10/ 1993	Ca. 60-80 stems observed on slope and along a ca. 0.25 mile stretch of West Fork of Little River downstream of where Emergency Exit #1 enters main Scout Trail.
80	Vascular Plants	*Pyrularia pubera*	buffalo-nut	G5	S2			De Kalb; Jamestown	006S 010E	29	343700N, 0853700W	06/07/ 2000	several dozen individuals
80	Vascular Plants	*Ribes curvatum*	granite gooseberry	G4	S2			De Kalb; Jamestown	006S 010E	19,20	343700N, 0853700W	05/09/ 1959	
80	Vascular Plants	*Rudbeckia heliopsidis*	sun-facing coneflower	G2	S2			De Kalb; Valley Head	005S 010E	35	343300N, 0853300W	08/10/ 1973	
80	Vascular Plants	*Rudbeckia heliopsidis*	sun-facing coneflower	G2	S2			De Kalb; Jamestown	006S 010E	20	343700N, 0853700W	07/15/ 1987	
80	Vascular Plants	*Sabatia capitata*	rose gentian	G2	S2			De Kalb; Valley Head	016S 010E	4	343500N, 0853500W	06/07/ 2000	approximately 1 dozen individuals
80	Vascular Plants	*Sagittaria secundifolia*	Little River canyon onion	G1	S1	LT		De Kalb; Valley Head	006S 010E	5	343600N, 0853600W	07/22/ 1992	Only about 100-200 plants were observed from the streambank, but these seemed healthy, so there are probably many more in the area [343153N, 0853552W]. In "still water below DeSoto Falls" – This info. from specimen at Biltmore Herbarium collected in 1899
80	Vascular Plants	*Sarracenia oreophila*	green pitcher plant	G2	S2	LE		De Kalb; Jamestown	006S 010E	19,20	343700N, 0853700W	07/25/ 2000	2000-07-27: 27 clumps. 1996-05: 46 clumps. 1992-07-21: approx. 50-60 plants.

Table K-1. Continued.

HUC	Major Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	County; Quad	Town Range	Section	Latitude, Longitude	Date Last Observed	EO Data
80	Vascular Plants	*Sarracenia oreophila*	green pitcher plant	G2	S2	LE		De Kalb; Valley Head	006S 010E	4	343600N, 0853600W	04/09/ 1948	Plants in bud when collected. Bloomed in UNC greenhouse May 6, 1948.
80	Vascular Plants	*Sarracenia oreophila*	green pitcher plant	G2	S2	LE		De Kalb; Jamestown	006S 010E	28	343600N, 0853600W	11/19/ 1992	Ca. 50 plants.
80	Vascular Plants	*Sarracenia oreophila*	green pitcher plant	G2	S2	LE		De Kalb; Valley Head	006S 010E	9	343600N, 0853600W	07/22/ 1992	1985-09-28: 49 plants observed by Tim Smith.
80	Vascular Plants	*Sarracenia oreophila*	green pitcher plant	G2	S2	LE		De Kalb; Valley Head	006S 010E	9	343600N, 0853600W	07/22/ 1992	1985-09-28: ca. 76 plants observed by Tim Smith.
80	Vascular Plants	*Sarracenia oreophila*	green pitcher plant	G2	S2	LE		De Kalb; Valley Head	006S 010E	4	343500N, 0853500W	06/09/ 2000	Ca. 20-30 clumps of plants observed on 1992-11-19. See Ecomonitoring. 2000-06-09: 7 clumps, 7 pitchers, poaching of 4 clumps in 2000.
80	Vascular Plants	*Sarracenia oreophila*	green pitcher plant	G2	S2	LE		De Kalb; Valley Head	006S 010E	4	343500N, 0853500W	06/09/ 2000	1992-11-18: 50-70 plants in right-of-way and approximately a hundred more in the woods on the south of the right-of-way.
80	Vascular Plants	*Talinum mengesii*	Menge's fame-flower	G3	S2S3			De Kalb; Jamestown	006S 010E	20	343700N, 0853700W	09/09/ 1993	Ca. 50-75 plants concentrated on one sandstone outcrop.
100	Amphibians	*Aneides aeneus*	green salamander	G3G4	S3		SP	De Kalb, Cherokee; Valley Head	006S 011E	18	343200N, 0853200W	1939	Adults and young occasionally found.
100	Insects	*Theliopsyche melas*	caddisfly	G?	S1			De Kalb; Valley Head	006S 010E	10	343400N, 0853400W		1 collection, 1 specimen, collected June.
100	Vascular Plants	*Pyrularia pubera*	buffalo-nut	G5	S2			De Kalb; Valley Head	006S 011E	6	343200N, 0853200W	10/08/ 1969	

Table K-1. Continued.

HUC	Major Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	County; Quad	Town Range	Section	Latitude, Longitude	Date Last Observed	EO Data
110	Mussels	*Elliptio arctata*	delicate spike	G3G4	S2			Cherokee, De Kalb; Little River	008S 009E	2	343900N, 0853900W	09/04/ 1998	11 weathered shells were found, 8 were retained.
110	Mussels	*Elliptio arctata*	delicate spike	G3G4	S2			Cherokee, De Kalb; Little River	008S 009E	1	343900N, 0853900W	09/04/ 1998	7 fresh dead individuals found, 3 were retained.
110	Mussels	*Elliptio arctata*	delicate spike	G3G4	S2			Cherokee, De Kalb; Little River	008S 009E	1	343900N, 0853900W	09/04/ 1998	Midden of 12 fresh dead shells, broken and fragmentary, collected and eaten by raccoon.
110	Mussels	*Elliptio arctata*	delicate spike	G3G4	S2			Cherokee, De Kalb; Little River	008S 009E	1	343800N, 0853800W	10/01/ 1998	3 fresh dead shell, one retained. Fragments of at least 31 fresh dead shells collected and retained. Raccoon midden.
110	Natural Communities	*Bigelowia nuttallii – Coreopsis pulchra – Liatris microcephala*	sandstone glade	G2?	S2			De Kalb; Little River	008S 009E	3	344100N, 0854100W	06/09/ 1994	Good example of sandstone outcrop with weather pits.
110	Natural Communities	*Bigelowia nuttallii – Coreopsis pulchra – Liatris microcephala*	sandstone glade	G2?	S2			De Kalb; Little River	008S 009E	3	344100N, 0854100W	06/08/ 1994	Black moss sandstone outcrop scattered with pine.
110	Natural Communities	*Bigelowia nuttallii – Coreopsis pulchra – Liatris microcephala*	sandstone glade	G2?	S2			De Kalb; Fort Payne	007S 010E	31	343800N, 0853800W	05/20/ 1987	Open sandstone outcrop, some degradation from dumping.
110	Reptiles	*Pituophis melanoleucus melanoleucus*	northern pine snake	G4T4	S3			De Kalb; Fort Payne	007S 010E, 007S 009E	31, 36	343800N, 0853800W	04/03/ 1997	1 snake.
110	Vascular Plants	*Allium speculae*	Little River Canyon onion	G2	S2			De Kalb; Fort Payne	007S 010E	31	343800N, 0853800W	05/20/ 1987	Growing with *Coreopsis pulchra* on flat sandstone outcrop at canyon rim, north side of highway.

Table K-1. Continued.

HUC	Major Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	County; Quad	Town Range	Section	Latitude, Longitude	Date Last Observed	EO Data
110	Vascular Plants	*Allium speculae*	Little River Canyon onion	G2	S2			De Kalb; Jamestown	007S 010E	20,21	343600N, 0853600W	06/08/ 1997	Roughly 50-60 plants with flowers and immature fruit were observed.
110	Vascular Plants	*Allium speculae*	Little River Canyon onion	G2	S2			De Kalb; Fort Payne	007S 010E	34	343800N, 0853800W	05/21/ 1997	Ca. six subpopulations encompassing 500-600 flowering plants were observed.
110	Vascular Plants	*Allium speculae*	Little River Canyon onion	G2	S2			De Kalb; Little River	008S 009E	3	344100N, 0854100W	05/21/ 1997	>300 flowers. Plants growing in the ecotone between the outcrop and surrounding forest canopy (1994-06-09). 400-500 flowering plants. Plants growing in the ecotone between the outcrop and surrounding forest canopy.
110	Vascular Plants	*Allium speculae*	Little River Canyon onion	G2	S2			De Kalb; Little River	008S 009E	3	344100N, 0854100W	05/21/ 1997	>300 umbels(1995-10-26). Ca. 250-300 mature plants (1997).
110	Vascular Plants	*Allium speculae*	Little River Canyon onion	G2	S2			De Kalb; Little River	008S 009E	10	344100N, 0854100W	05/21/ 1997	Approximately 30 flowers from one main clump; 5 scattered individuals along edge of rock.(1995-10-26). Approximately 100-125 plants were observed.
110	Vascular Plants	*Allium speculae*	Little River Canyon onion	G2	S2			De Kalb; Little River	008S 009E	10	344000N, 0854000W	05/21/ 1997	<20 plants in flower.(1994-06-08). Ca. 75 plants in flower(1997).

Table K-1. Continued.

HUC	Major Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	County; Quad	Town Range	Section	Latitude, Longitude	Date Last Observed	EO Data
110	Vascular Plants	*Allium speculae*	Little River Canyon onion	G2	S2			De Kalb; Little River	008S 009E	2	344000N, 0854000W	05/21/ 1997	>50 plants in flower (1994-06-08). 175-200 plants in flower(1997-05-21).
110	Vascular Plants	*Allium speculae*	Little River Canyon onion	G2	S2			De Kalb; Little River	008S 009E	2	344000N, 0854000W	05/21/ 1997	> 50 plants in flower at Canyon View Overlook; > 500 plants in flower on overlook across from private dwelling. (1994-06-09) 500-600 plants in flower on Canyon View Overlook across from private dwelling (1997-05-21).
110	Vascular Plants	*Amelanchier arborea*	downy serviceberry	G5	S1?			De Kalb; Little River	008S 009E	1	343800N, 0853800W	09/09/ 1994	
110	Vascular Plants	*Aster spectabilis*	showy aster	G5	S2			De Kalb; Fort Payne	007S 010E	31	343800N, 0853800W	08/29/ 1980	Abundant, rays lavender, disk yellow.
110	Vascular Plants	*Aster spectabilis*	showy aster	G5	S2			De Kalb; Fort Payne	007S 009E	2	344000N, 0854000W	10/08/ 1969	
110	Vascular Plants	*Bigelowia nuttallii*	Nuttall's rayless goldenrod	G3G4	S3			De Kalb; Fort Payne	007S 010E	31	343800N, 0853800W	08/15/ 1989	
110	Vascular Plants	*Bigelowia nuttallii*	Nuttall's rayless goldenrod	G3G4	S3			De Kalb; Fort Payne	006S 009E	36	343900N, 0853900W	02/04/ 1992	
110	Vascular Plants	*Bigelowia nuttallii*	Nuttall's rayless goldenrod	G3G4	S3			De Kalb; Fort Payne	006S 009E	36	343800N, 0853800W	02/04/ 1992	
110	Vascular Plants	*Bigelowia nuttallii*	Nuttall's rayless goldenrod	G3G4	S3			De Kalb; Fort Payne	006S 009E	36	343900N, 0853900W	02/04/ 1992	
110	Vascular Plants	*Bigelowia nuttallii*	Nuttall's rayless goldenrod	G3G4	S3			De Kalb; Fort Payne	007S 009E	22	344100N, 0854100W	05/22/ 1992	Plants locally common in shallow soils on and immediately adjacent to sandstone outcrop.
110	Vascular Plants	*Bigelowia nuttallii*	Nuttall's rayless goldenrod	G3G4	S3			De Kalb; Fort Payne	007S 009E	2	344000N, 0854000W	08/29/ 1969	

Table K-1. Continued.

HUC	Major Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	County; Quad	Town Range	Section	Latitude, Longitude	Date Last Observed	EO Data
110	Vascular Plants	*Bigelowia nuttallii*	Nuttall's rayless goldenrod	G3G4	S3			De Kalb; Little River	008S 009E	1	343800N, 0853800W	09/06/ 1984	
110	Vascular Plants	*Bigelowia nuttallii*	Nuttall's rayless goldenrod	G3G4	S3			De Kalb; Fort Payne	007S 010E	34	343800N, 0853800W	06/08/ 1994	Common on open sandstone.
110	Vascular Plants	*Bigelowia nuttallii*	Nuttall's rayless goldenrod	G3G4	S3			De Kalb; Little River	008S 009E	3	344100N, 0854100W	06/09/ 1994	Common on sandstone outcrop; vegetative.
110	Vascular Plants	*Bigelowia nuttallii*	Nuttall's rayless goldenrod	G3G4	S3			De Kalb; Little River	008S 009E	3	344100N, 0854100W	06/08/ 1994	Common on sandstone and bare soil areas; vegetative.
110	Vascular Plants	*Bigelowia nuttallii*	Nuttall's rayless goldenrod	G3G4	S3			De Kalb; Little River	008S 009E	10	344100N, 0854100W	06/08/ 1994	Common on sandstone exposures; vegetative.
110	Vascular Plants	*Bigelowia nuttallii*	Nuttall's rayless goldenrod	G3G4	S3			De Kalb; Little River	008S 009E	10	344000N, 0854000W	06/08/ 1994	Common on exposed sandstone.
110	Vascular Plants	*Bigelowia nuttallii*	Nuttall's rayless goldenrod	G3G4	S3			De Kalb; Little River	008S 009E	2	344000N, 0854000W	06/08/ 1994	Common.
110	Vascular Plants	*Bigelowia nuttallii*	Nuttall's rayless goldenrod	G3G4	S3			De Kalb; Little River	008S 009E	2	344000N, 0854000W	06/08/ 1994	Scattered on sandstone shelves; vegetative; >25 individuals.
110	Vascular Plants	*Bigelowia nuttallii*	Nuttall's rayless goldenrod	G3G4	S3			De Kalb; Little River	008S 009E	2	344000N, 0854000W	06/09/ 1994	Common on exposed sandstone; vegetative.
110	Vascular Plants	*Bigelowia nuttallii*	Nuttall's rayless goldenrod	G3G4	S3			De Kalb; Little River	008S 009E	1	343900N, 0853900W	06/08/ 1994	Scattered on exposed sandstone; vegetative.
110	Vascular Plants	*Castilleja coccinea*	scarlet Indian paintbrush	G5	S1			De Kalb; Fort Payne	007S 009E	23	344000N, 0854000W	04/21/ 1968	
110	Vascular Plants	*Coreopsis pulchra*	woodland tickseed	G2	S2			De Kalb; Fort Payne	007N 010E	31	343800N, 0853800W	07/10/ 1989	Several plants observed, scattered along the outcrop.
110	Vascular Plants	*Coreopsis pulchra*	woodland tickseed	G2	S2			Cherokee; Little River	009S 009E	10	344000N, 0854000W	10/14/ 1979	…burned Virginia pine woods over sandstone, common.
110	Vascular Plants	*Coreopsis pulchra*	woodland tickseed	G2	S2			De Kalb; Fort Payne	006S 009E	31	343800N, 0853800W	07/05/ 1975	

Table K-1. Continued.

HUC	Major Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	County; Quad	Town Range	Section	Latitude, Longitude	Date Last Observed	EO Data
110	Vascular Plants	*Coreopsis pulchra*	woodland tickseed	G2	S2			De Kalb; Little River	008S 009E	1	343800N, 0853800W	09/09/ 1994	
110	Vascular Plants	*Coreopsis pulchra*	woodland tickseed	G2	S2			De Kalb; Fort Payne	006S 009E	36	343800N, 0853800W	02/04/ 1992	
110	Vascular Plants	*Coreopsis pulchra*	woodland tickseed	G2	S2			De Kalb; Fort Payne	006S 009E	36	343900N, 0853900W	02/04/ 1992	
110	Vascular Plants	*Coreopsis pulchra*	woodland tickseed	G2	S2			De Kalb; Fort Payne	007S 009E	22	344100N, 0854100W	05/22/ 1992	Several dozen plants in shallow soils on and adjacent to sandstone outcrop complex. Locally fairly common.
110	Vascular Plants	*Cuscuta harperi*	Harper's dodder	G2	S2			Cherokee; Little River	009S 009E	10	344000N, 0854000W	10/14/ 1979	Burned Virginia pine woods over sandstone, on *Liatris microcephala*.
110	Vascular Plants	*Cuscuta harperi*	Harper's dodder	G2	S2			De Kalb; Little River	008S 009E	10	344000N, 0854000W	10/05/ 1997	1981, All plants were flowering. Vigor good. 25 individuals. 1997-10-05.
110	Vascular Plants	*Cuscuta harperi*	Harper's dodder	G2	S2			De Kalb; Fort Payne	007S 010E	31	343800N, 0853800W	1981	Over 100 individuals were estimated to be present. Vigor excellent.
110	Vascular Plants	*Cuscuta harperi*	Harper's dodder	G2	S2			De Kalb; Fort Payne	006S 009E	36	343900N, 0853900W	10/12/ 1997	
110	Vascular Plants	*Cuscuta harperi*	Harper's dodder	G2	S2			De Kalb; Little River	008S 009E	1	343800N, 0853800W	10/05/ 1997	1984-09-06, Growing on *Bigelowia nuttallii* and *Liatris microcephala*.

Table K-1. Continued.

HUC	Major Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	County; Quad	Town Range	Section	Latitude, Longitude	Date Last Observed	EO Data
110	Vascular Plants	*Cuscuta harperi*	Harper's dodder	G2	S2			De Kalb; Fort Payne	007S 010E	34	343800N, 0853800W	06/09/ 1998	Growing on *Senecio obovatus*, *Bigelowia nuttallii*, *Liatris microcephala*. Approximately 37 clumps were observed in 1997. Over 100 individuals were estimated to be present in 1998.
110	Vascular Plants	*Cuscuta harperi*	Harper's dodder	G2	S2			De Kalb; Little River	008S 009E	2	344000N, 0854000W	10/05/ 1997	1994-06-08. Growing vigorously on *Senecid obovatus* and *Bigelowia nuttallii*. Appear to do best on the very edge of canyon rim.
110	Vascular Plants	*Cuscuta harperi*	Harper's dodder	G2	S2			De Kalb; Little River	008S 009E	2	344000N, 0854000W	10/05/ 1997	1994-06-09, Growing on *Bigelowia nuttallii*.
110	Vascular Plants	*Cuscuta harperi*	Harper's dodder	G2	S2			De Kalb; Little River	008S 009E	1	343900N, 0853900W	10/05/ 1997	Growing on *Liatris microcephala* and *Senecio obovatus*.
110	Vascular Plants	*Cuscuta harperi*	Harper's dodder	G2	S2			De Kalb; Fort Payne	007S 010E	31	343800N, 0853800W	06/09/ 1998	20 clumps of vines, flowering.
110	Vascular Plants	*Cyperus granitophilus*	granite-loving flatsedge	G3Q	S2			Cherokee; Little River	009S 009E	10	344000N, 0854000W	10/14/ 1979	Local.
110	Vascular Plants	*Diamorpha smallii*	elf orpine	G4	S3			De Kalb; Fort Payne	007S 010E	31	343800N, 0853800W	05/20/ 1987	Common in shallow soil of open sandstone.
110	Vascular Plants	*Fimbristylis brevivaginata*	glade fimbristylis	G2	S1			De Kalb; Fort Payne	007S 010E	34	343800N, 0853800W	06/08/ 1994	Insufficient EO data.

Table K-1. Continued.

HUC	Major Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	County; Quad	Town Range	Section	Latitude, Longitude	Date Last Observed	EO Data
110	Vascular Plants	*Fothergilla major*	mountain witch-alder	G3	S2			De Kalb; Little River	008S 010E	6	343800N, 0853800W	04/08/ 2000	Shrubs sporadically occur along both sides of Little River for at least 1.0 mile. Greater than 250 stems were observed. Excellent viability!
110	Vascular Plants	*Helianthus longifolius*	longleaf sunflower	G3	S1S2			De Kalb; Fort Payne	007S 009E	2	344000N, 0854000W	03/18/ 1969	Flowering.
110	Vascular Plants	*Isotria verticillata*	large whorled pogonia	G5	S2			De Kalb; Fort Payne	007S 010E	30	343800N, 0853800W	05/13/ 1972	
110	Vascular Plants	*Isotria verticillata*	large whorled pogonia	G5	S2			De Kalb; Fort Payne	007S 010E, 007S 009E	31, 36	343800N, 0853800W	05/10/ 2001	
110	Vascular Plants	*Lathyrus venosus*	smooth veiny peavine	G5	S1			Cherokee; Little River	008S 009E	27	344100N, 0854100W	10/17/ 2002	40-50 plants encompassing an area of roughly 30 square yards
110	Vascular Plants	*Lindernia monticola*	Piedmont pimpernel	G4	S3			De Kalb; Fort Payne	007S 009E	14	344000N, 0854000W	07/23/ 1975	
110	Vascular Plants	*Lindernia monticola*	Piedmont pimpernel	G4	S3			De Kalb; Little River	008S 009E	3	344100N, 0854100W	06/09/ 1994	Ca. 12 dozen plants in flower.
110	Vascular Plants	*Lonicera flava*	yellow honeysuckle	G5?	S3			De Kalb; Fort Payne	007S 010E	30	343800N, 0853800W	04/15/ 1967	
110	Vascular Plants	*Lonicera flava*	yellow honeysuckle	G5?	S3			De Kalb; Little River	008S 009E	4	344100N, 0854100W	04/26/ 1959	Corolla bright orange-yellow, leaves glaucous, twining vine, rooting where touching ground.
110	Vascular Plants	*Lonicera flava*	yellow honeysuckle	G5?	S3			De Kalb; Little River	008S 009E	2	344000N, 0854000W	04/30/ 1966	

Table K-1. Continued.

HUC	Major Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	County; Quad	Town Range	Section	Latitude, Longitude	Date Last Observed	EO Data
110	Vascular Plants	*Lonicera flava*	yellow honeysuckle	G5?	S3			De Kalb; Fort Payne	007S 009E	22	344000N, 0854000W	05/22/ 1992	Ca. 2-4 vines on thin soil over sandstone cap in woods, ca. 40 feet west and above road, and ca. 100-120 south of creek. Not flowering because of shade.
110	Vascular Plants	*Nestronia umbellula*	nestronia	G4	S2			De Kalb; Fort Payne	007S 010E	30	343800N, 0853800W	05/11/ 1958	
110	Vascular Plants	*Nestronia umbellula*	nestronia	G4	S2			De Kalb; Fort Payne	007S 010E	31	343800N, 0853800W	05/19/ 2001	1 plant
110	Vascular Plants	*Nestronia umbellula*	nestronia	G4	S2			De Kalb; Little River	008S 009E	10	344100N, 0854100W	08/06/ 2002	Roughly 35-40 stems observed encompassing 30-35 square yards.
110	Vascular Plants	*Panicum lithophilum*	Swallen's panic-grass	G2G3Q	S1			De Kalb; Fort Payne	007S 010E	34	343800N, 0853800W	06/08/ 1994	Insufficient EO data.
110	Vascular Plants	*Polygonella americana*	southern jointweed	G5	S1			De Kalb; Little River	007S 010E	30	343900N, 0853900W	10/18/ 2002	2002-10-18: 26 plants observed, some still producing flowers and fruit.
110	Vascular Plants	*Polygonella americana*	southern jointweed	G5	S1			Cherokee; Little River	009S 009E	3	344100N, 0854100W	09/03/ 1971	
110	Vascular Plants	*Ptilimnium nodosum*	harperella	G2	S1	LE		Cherokee; Little River	008S 009E	3	344100N, 0854100W	08/20/ 1990	Local, very common. S.C. Gunn 20 August, 1990. - "siliceous rocky banks" - R. Kral - 1969-08-30.
110	Vascular Plants	*Pyrularia pubera*	buffalo-nut	G5	S2			De Kalb; Fort Payne	007S 009E	22	344000N, 0854000W	05/22/ 1992	Small clone of ca. 6-8 stems, on north face of slope.
110	Vascular Plants	*Ribes cynosbati*	prickly gooseberry	G5	S1S2			De Kalb; Fort Payne	007S 009E	31	343800N, 0853800W	04/20/ 1958	Growing among sandstone boulders at top of south-facing talus slope.
110	Vascular Plants	*Ribes cynosbati*	prickly gooseberry	G5	S1S2			De Kalb; Little River	008S 009E	15	344100N, 0854100W	04/20/ 1958	

Table K-1. Continued.

HUC	Major Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	County; Quad	Town Range	Section	Latitude, Longitude	Date Last Observed	EO Data
110	Vascular Plants	*Rudbeckia heliopsidis*	sun-facing coneflower	G2	S2			De Kalb; Fort Payne	007S 009E	2	344000N, 0854000W	08/29/ 1969	
110	Vascular Plants	*Rudbeckia heliopsidis*	sun-facing coneflower	G2	S2			De Kalb; Fort Payne	007S 009E	23	343900N, 0853900W	09/08/ 1994	About 300 basal rosettes, most with cut shoots; 3 plants flowering at shrub margin. Area had been mowed with the past month – Bruce Sorrie & T. L. Stowell, 8 Sept 1994.
110	Vascular Plants	*Rudbeckia heliopsidis*	sun-facing coneflower	G2	S2			Cherokee; Little River	009S 009E	3	344100N, 0854100W	09/07/ 1994	50 flowering plants.
110	Vascular Plants	*Rudbeckia heliopsidis*	sun-facing coneflower	G2	S2			De Kalb; Fort Payne	007S 010E	31	343800N, 0853800W	08/29/ 1980	Abundant. No plants found in 1994.
110	Vascular Plants	*Rudbeckia heliopsidis*	sun-facing coneflower	G2	S2			De Kalb; Little River	008S 009E	2	344000N, 0854000W	09/27/ 1994	160 plants flowering and fruiting along both sides of CR 255, with usual associates, in open sun to partial shade. Also, 60 plants occur up to 30 m from CR 255, scattered E of the road in tiny glade-like openings in semi-natural oak-pine-hawthorn scrub oak.
110	Vascular Plants	*Rudbeckia heliopsidis*	sun-facing coneflower	G2	S2			De Kalb; Little River	008S 009E	1	343800N, 0853800W	09/09/ 1994	About 20 plants in 3 clusters, mostly vegetative but some flowering.
110	Vascular Plants	*Rudbeckia heliopsidis*	sun-facing coneflower	G2	S2			De Kalb; Little River	008S 009E	2	344000N, 0854000W	09/09/ 1994	50 plants flowering and in bud.

Table K-1. Continued.

HUC	Major Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	County; Quad	Town Range	Section	Latitude, Longitude	Date Last Observed	EO Data
110	Vascular Plants	*Rudbeckia heliopsidis*	sun-facing coneflower	G2	S2			De Kalb; Jamestown	007S 010E	30	343700N, 0853700W	09/08/ 1994	100+ plants flowering and fruiting in stony-gravelly soil of roadside banks and adjacent selective cut. Weedy habitat.
110	Vascular Plants	*Rudbeckia heliopsidis*	sun-facing coneflower	G2	S2			De Kalb; Jamestown	007S 010E	20	343600N, 0853600W	09/08/ 1994	About 400 plants flowering and fruiting.
110	Vascular Plants	*Rudbeckia heliopsidis*	sun-facing coneflower	G2	S2			De Kalb; Jamestown	007S 010E	16	343600N, 0853600W	09/08/ 1994	25 plants flowering and fruiting. Also, 5 plants on W shore of Little River, just S of ford in sandy, seepy pockets among rocks.
110	Vascular Plants	*Rudbeckia heliopsidis*	sun-facing coneflower	G2	S2			De Kalb; Jamestown	007S 010E	10	343500N, 0853500W	09/08/ 1994	About 300 plants with *Eupatorium capillifolium* and other weedy natives.
110	Vascular Plants	*Rudbeckia heliopsidis*	sun-facing coneflower	G2	S2			De Kalb; Jamestown	007S 010E	4	343500N, 0853500W	09/08/ 1994	About 400 plants.
110	Vascular Plants	*Sabatia capitata*	rose gentian	G2	S2			De Kalb; Fort Payne	007S 010E	31	343800N, 0853800W	07/21/ 1992	Local, uncommon, in moist clays of pitcher plant bog. Plants located usually in more open areas, on slightly drier slopes just above boggiest areas.

Table K-1. Continued.

HUC	Major Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	County; Quad	Town Range	Section	Latitude, Longitude	Date Last Observed	EO Data
110	Vascular Plants	*Sagittaria secundifolia*	Little River arrow-head	G1	S1	LT		De Kalb, Cherokee; Jamestown	007S 010E	16	343500N, 0853500W	07/15/ 1994	Common where WLMA Rd. 5 fords Little River in Sec. 16; common on low island of exposed rock at 342509N, 0853606W; ca. 300-500 plants at *Sarracenia oreophila* Scout Trail site and just upstream 0.2 miles.
110	Vascular Plants	*Sarracenia oreophila*	green pitcher plant	G2	S2	LE		De Kalb; Fort Payne	007S 010E	30	343800N, 0853800W	2000	1998-05-05: Bog 2- 50 clumps, suppressed, no flowers, no fruit. Bog 3- 100-150 clumps, suppressed, no flowers, no fruit.
110	Vascular Plants	*Sarracenia oreophila*	green pitcher plant	G2	S2	LE		De Kalb; Little River	008S 009E	2	344000N, 0854000W	11/19/ 1992	1985-08-22: 80 plants.
110	Vascular Plants	*Sarracenia oreophila*	green pitcher plant	G2	S2	LE		De Kalb; Fort Payne	007S 010E	31	343800N, 0853800W	05/05/ 1998	> 1,000 clumps, flowering and fruiting in r.o.w. only, other areas of bog suppressed.
110	Vascular Plants	*Sarracenia oreophila*	green pitcher plant	G2	S2	LE		De Kalb; Jamestown	007S 010E	20	343600N, 0853600W	1993	8-10 plants.
110	Vascular Plants	*Sarracenia oreophila*	green pitcher plant	G2	S2	LE		De Kalb; Jamestown	007S 010E	20	343600N, 0853600W	1993	3 plants.
110	Vascular Plants	*Sarracenia oreophila*	green pitcher plant	G2	S2	LE		De Kalb; Jamestown	007S 010E	20	343600N, 0853600W	1993	Approx. 1 dozen plants.
110	Vascular Plants	*Sarracenia oreophila*	green pitcher plant	G2	S2	LE		De Kalb; Jamestown	007S 010E	20	343600N, 0853600W	1993	50-100 plants.
110	Vascular Plants	*Sarracenia oreophila*	green pitcher plant	G2	S2	LE		De Kalb; Jamestown	007S 010E	16	343500N, 0853500W	1993	Approx. 1 doz. plants.

Table K-1. Continued.

HUC	Major Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	County; Quad	Town Range	Section	Latitude, Longitude	Date Last Observed	EO Data
110	Vascular Plants	*Sarracenia oreophila*	green pitcher plant	G2	S2	LE		De Kalb; Fort Payne	007S 010E, 007S 010E	31, 36	343800N, 0853800W	06/07/ 2000	1998-05-05: Bog 6, 500 clumps, suppressed; 1 flower. See Ecomonitoring.
110	Vascular Plants	*Sarracenia oreophila*	green pitcher plant	G2	S2	LE		De Kalb; Fort Payne	007S 010E	31	343800N, 0853800W	07/10/ 2001	Bog 7: 50 clumps, suppressed, 1 flower.
110	Vascular Plants	*Sarracenia oreophila*	green pitcher plant	G2	S2	LE		De Kalb; Fort Payne	007S 010E	31	343800N, 0853800W	05/05/ 1998	Bog 8: 50 clumps, suppressed.
110	Vascular Plants	*Sarracenia oreophila*	green pitcher plant	G2	S2	LE		De Kalb; Fort Payne	007S 010E, 007S 009E	31, 36	343800N, 0853800W	07/14/ 2001	2001-07-14: 1650 pitchers, 53 flowers.
110	Vascular Plants	*Schoenolirion croceum*	yellow sunnybell	G4	S2			De Kalb; Fort Payne	007S 009E	22	344100N, 0854100W	05/22/ 1992	Species locally common, ca. 100 individuals.
110	Vascular Plants	*Schoenolirion croceum*	yellow sunnybell	G4	S2			De Kalb; Fort Payne	007S 010E	31	343800N, 0853800W	11/05/ 1993	
110	Vascular Plants	*Schoenolirion croceum*	yellow sunnybell	G4	S2			De Kalb; Fort Payne	007S 010E	34	343800N, 0853800W	06/08/ 1994	In fruit leaves deteriorating.
110	Vascular Plants	*Silene caroliniana* ssp *wherryi*	Wherry's catchfly	G5T2T 4Q	S1S2			De Kalb; Little River	008S 008E	13	344400N, 0854400W	04/12/ 1969	
110	Vascular Plants	*Stewartia ovata*	mountain camellia	G4	S2S3			De Kalb; Fort Payne	007S 009E	23	344000N, 0854000W	05/22/ 1992	Ca. 3-4 trees, up to 20 feet, in understory.
110	Vascular Plants	*Talinum mengesii*	Menge's fame-flower	G3	S2S3			De Kalb; Fort Payne	006S 009E	36	343900N, 0853900W	02/04/ 1992	
110	Vascular Plants	*Talinum mengesii*	Menge's fame-flower	G3	S2S3			De Kalb; Fort Payne	007S 009E	23	344000N, 0854000W	05/22/ 1992	Ca. 1/2 dozen plants present in soil in crevices of sandstone outcrop.

Table K-1. Continued.

HUC	Major Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	County; Quad	Town Range	Section	Latitude, Longitude	Date Last Observed	EO Data
120	Fish	*Cyprinella caerulea*	blue shiner	G2	S1	LT	SP	Cherokee; Little River	008S 009E	3403	344100N, 0854100W	1994	The following information provided by Malcolm Pierson: Few juveniles - 19 May 1990; 24, mostly adult - 28 May 1989; 17 (females w/eggs on light pressure) - 30, 31 May 1987; 56-79 - 24 April 1987; 21 juveniles & adults - 31 May 1986.
120	Insects	*Ceraclea alabamae*	caddisfly	G1	S1			De Kalb, Cherokee; Little River	008S 009E	10	344000N, 0854000W		Collected June.
120	Insects	*Ceraclea alces*	caddisfly	G?	S1			De Kalb, Cherokee; Little River	008S 009E	10	344000N, 0854000W		Collected June.
120	Insects	*Hydroptila micropotamis*	caddisfly	G1	S1			De Kalb, Cherokee; Little River	008S 009E	10	344000N, 0854000W		3 collections, 215 specimens, collected June.
120	Mussels	*Elliptio arctata*	delicate spike	G3G4	S2			Cherokee, De Kalb; Little River	008S 009E	1	343800N, 0853800W	09/04/ 1998	1 fresh dead shell.
120	Natural Communities	*Bigelowia nuttallii – Coreopsis pulchra – Liatris microcephala*	sandstone glade	G2?	S2			Cherokee; Little River	008S 009E	11	343900N, 0853900W	10/05/ 1997	A sandstone outcrop encompassing 2-3 acres overlooking Little River Canyon. Crevices and shallow soils associated with the outcrop support a diverse herbaceous component with characteristic species including *Danthonia sericea*, *Deschampsia flexuosa*.

Table K-1. Continued.

HUC	Major Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	County; Quad	Town Range	Section	Latitude, Longitude	Date Last Observed	EO Data
120	Non Vascular Plants	*Fontinalis welchiana*	difficult moss	GU	S1			De Kalb, Cherokee; Fort Payne	007S 010E	30	343800N, 0853800W	1989	Aquatic in intermittent pools beneath cliffs (sandstone).
120	Vascular Plants	*Allium speculae*	Little River Canyon onion	G2	S2			Cherokee; Jamestown	007S 010E	30	343700N, 0853700W	05/31/ 1985	Population could not be relocated during 1997 surveys. ARS.
120	Vascular Plants	*Allium speculae*	Little River Canyon onion	G2	S2			Cherokee; Jamestown	007S 010E	15	343400N, 0853400W	05/17/ 1986	Population could not be relocated during 1997 surveys. ARS.
120	Vascular Plants	*Allium speculae*	Little River Canyon onion	G2	S2			Cherokee; Jamestown	007S 010E	16	343500N, 0853500W	06/08/ 1997	Ca. 10 plants were observed.
120	Vascular Plants	*Allium speculae*	Little River Canyon onion	G2	S2			De Kalb, Cherokee; Fort Payne	007S 010E	30	343800N, 0853800W	05/21/ 1997	Roughly 100-125 flowering plants were observed
120	Vascular Plants	*Allium speculae*	Little River Canyon onion	G2	S2			Cherokee; Little River	008S 009E	11	343900N, 0853900W	05/22/ 1997	Approximately 50-75 flowering plants were observed.
120	Vascular Plants	*Bigelowia nuttallii*	Nuttall's rayless goldenrod	G3G4	S3			De Kalb, Cherokee; Fort Payne	007S 010E	30	343800N, 0853800W	05/29/ 1994	
120	Vascular Plants	*Bigelowia nuttallii*	Nuttall's rayless goldenrod	G3G4	S3			Cherokee; Little River	009S 009E	33	344100N, 0854100W	09/07/ 1994	
120	Vascular Plants	*Bigelowia nuttallii*	Nuttall's rayless goldenrod	G3G4	S3			Cherokee; Little River	008S 009E	11	343900N, 0853900W	10/05/ 1997	No detailed count was taken; probably 150-175 plants occur at the site.
120	Vascular Plants	*Coreopsis pulchra*	woodland tickseed	G2	S2			De Kalb, Cherokee; Fort Payne	007S 010E	30	343800N, 0853800W	05/20/ 1987	Two plants observed.
120	Vascular Plants	*Coreopsis pulchra*	woodland tickseed	G2	S2			Cherokee; Little River	009S 009E	33	344100N, 0854100W	09/07/ 1994	
120	Vascular Plants	*Coreopsis pulchra*	woodland tickseed	G2	S2			Cherokee; Little River	008S 009E	11	343900N, 0853900W	05/22/ 1997	Roughly 125-150 plants were observed. Numerous seed receptacles were observed during latter visit.

Table K-1. Continued.

HUC	Major Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	County; Quad	Town Range	Section	Latitude, Longitude	Date Last Observed	EO Data
120	Vascular Plants	*Cuscuta harperi*	Harper's dodder	G2	S2			De Kalb, Cherokee; Fort Payne	007S 010E	30	343800N, 0853800W	10/05/ 1997	Six clumps encompassing 25-35 plants were observed (1997).
120	Vascular Plants	*Cuscuta harperi*	Harper's dodder	G2	S2			Cherokee; Little River	008S 009E	11	343900N, 0853900W	10/05/ 1997	Eleven large clumps observed parasitizing Bigelowia nuttallii and Liatris microcephala. Flowers and fruit, both immature and mature, were numerous.
120	Vascular Plants	*Fothergilla major*	mountain witch-alder	G3	S2			Cherokee; Little River	008S 009E	33,34	344100N, 0854100W	04/08/ 2000	Approximately 125 stems were observed along ca. 0.5 mile of riverfront. More are likely to occur further upstream. Plants were in full flower. Excellent viability!
120	Vascular Plants	*Helianthus longifolius*	longleaf sunflower	G3	S1S2			Cherokee; Little River	009S 009E	33	344100N, 0854100W	09/07/ 1994	
120	Vascular Plants	*Lindernia monticola*	Piedmont pimpernel	G4	S3			De Kalb, Cherokee; Fort Payne	007S 010E	30	343800N, 0853800W	07/15/ 1987	
120	Vascular Plants	*Lobelia boykinii*	Boykin's lobelia	G2G3	S1S2			Cherokee; Little River	008S 009E	12	343900N, 0853900W	08/27/ 1981	
120	Vascular Plants	*Nestronia umbellula*	nestronia	G4	S2			Cherokee; Jamestown	007S 010E	16	343600N, 0853600W	05/29/ 1986	At least one dozen stems in colony, all sterile. Plants less than one meter tall.

Table K-1. Continued.

HUC	Major Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	County; Quad	Town Range	Section	Latitude, Longitude	Date Last Observed	EO Data
120	Vascular Plants	*Ptilimnium nodosum*	harperella	G2	S1	LE		De Kalb, Cherokee; Fort Payne	007S 010E	30	343800N, 0853800W	08/21/ 1990	Flowers white, abundant – RR Haynes. "Locally common in shallow, wet sandy soil at edge of rock shelves, abutting water, in Little River above falls…" – S.C. Gunn. "Rocky bed of Little River on Lookout Mountain near mouth of Yellow Creek" – Harper
120	Vascular Plants	*Ptilimnium nodosum*	harperella	G2	S1	LE		Cherokee; Little River	009S 009E	3	344000N, 0854000W	08/15/ 1981	
120	Vascular Plants	*Ptilimnium nodosum*	harperella	G2	S1	LE		De Kalb, Cherokee; Jamestown	007N 010E, 007N 010E	20, 21	343600N, 0853600W	07/14/ 1994	Scattered patches in riffle area; in flower.
120	Vascular Plants	*Ptilimnium nodosum*	harperella	G2	S1	LE		De Kalb, Cherokee; Jamestown	007S 010E	10	343500N, 0853500W	07/15/ 1994	Growing in beds of *Justicia americana*.
120	Vascular Plants	*Ribes cynosbati*	prickly gooseberry	G5	S1S2			Cherokee; Jamestown	007S 010E	31	343700N, 0853700W	10/15/ 1966	
120	Vascular Plants	*Rudbeckia heliopsidis*	sun-facing coneflower	G2	S2			De Kalb, Cherokee; Fort Payne	007S 010E	30	343800N, 0853800W	09/08/ 1994	About 40 plants flowering and fruiting on E side of river, within 100 m of bridge. Dry to moist, thin sandy soil over rocky slope, with mixed pine-hardwood overstory. Another 10 plants seen flowering on W side of river about 1/4 mile upstream.
120	Vascular Plants	*Rudbeckia heliopsidis*	sun-facing coneflower	G2	S2			Cherokee; Little River	009S 009E	33	344100N, 0854100W	09/07/ 1994	About 50 plants, flowering and fruiting.

Table K-1. Continued.

HUC	Major Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	County; Quad	Town Range	Section	Latitude, Longitude	Date Last Observed	EO Data
120	Vascular Plants	*Sagittaria secundifolia*	Little River arrow-head	G1	S1	LT		Cherokee; Jamestown	007S 010E	15	343400N, 0853400W	05/17/ 1986	
120	Vascular Plants	*Sagittaria secundifolia*	Little River arrow-head	G1	S1	LT		Cherokee; Little River	009S 009E	3	344000N, 0854000W	08/15/ 1981	Fl. white, uncommon among rocks in swift water ca. 3 in. deep (Haynes, Robert, 1981).
120	Vascular Plants	*Sarracenia oreophila*	green pitcher plant	G2	S2	LE		Cherokee; Jamestown	007S 010E	20	343600N, 0853600W	06/20/ 1984	locally common, 1-2 doz. plants.
120	Vascular Plants	*Sarracenia oreophila*	green pitcher plant	G2	S2	LE		De Kalb, Cherokee; Fort Payne	007S 010E	30	343800N, 0853800W	11/25/ 1905	In "sandy bog"
120	Vascular Plants	*Sarracenia oreophila*	green pitcher plant	G2	S2	LE		Cherokee; Jamestown	007S 010E	29	343600N, 0853600W	2000	1991-03-19: 100 plants observed by Gunn and Oberholster.
120	Vascular Plants	*Sarracenia oreophila*	green pitcher plant	G2	S2	LE		Cherokee; Jamestown	007S 010E	29	343600N, 0853600W	2000	1991-03-19: 100 plants observed by Gunn and Oberholster.
120	Vascular Plants	*Sarracenia oreophila*	green pitcher plant	G2	S2	LE		Cherokee; Jamestown	007S 010E	16	343600N, 0853600W	1993	40-50 plants.
120	Vascular Plants	*Sarracenia oreophila*	green pitcher plant	G2	S2	LE		Cherokee; Jamestown	007S 010E	16	343600N, 0853600W	1993	40-50 plants.
130	Fish	*Cyprinella caerulea*	blue shiner	G2	S1	LT	SP	Cherokee; Centre	009S 009E	23	344000N, 0854000W	10/28/ 1958	
130	Fish	*Percina lenticula*	freckled darter	G2	S2S3			Cherokee; Centre	009S 009E	23	344000N, 0854000W	10/28/ 1958	
140	Birds	*Haliaeetus leucocephalus*	bald eagle	G4	S3B	PS [a]	SP	Cherokee; Centre	009S 009E	35	344000N, 0854000W	03/20/ 1995	1 eaglet fledged in 1994. Platform WL2 then blew down, but was replaced by WL3. 1995, incubation, no eaglets.
140	Mussels	*Pleurobema decisum*	southern clubshell	G1G2	S1S2	LE	SP	Cherokee; Leesburg	010S 008E	11	344500N, 0854500W	08/17/ 1986	7 specimens

[a] *Haliaeetus leucocephalus*, LT throughout range; proposed for delisting 6 July 1999. Federal status is categorized by state/region, rather than by subspecies. Listed as Threatened in the coterminous U.S.; not federally classified as Endangered anywhere as of mid-1995

Table K-1. Continued.

HUC	Major Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	County; Quad	Town Range	Section	Latitude, Longitude	Date Last Observed	EO Data
140	Vascular Plants	*Coreopsis pulchra*	woodland tickseed	G2	S2			Cherokee; Little River	009S 009E	10	344000N, 0854000W	08/29/ 1980	…sandstone outcrop, scattered Virginia pine, abundant mosses and lichens, abundant.
140	Vascular Plants	*Cuscuta harperi*	Harper's dodder	G2	S2			Cherokee; Little River	009S 009E	10	344000N, 0854000W	08/29/ 1980	…sandstone outcrop; on *Liatris*.
140	Vascular Plants	*Cuscuta harperi*	Harper's dodder	G2	S2			Cherokee; Leesburg	009S 008E	36	344500N, 0854500W	10/11/ 1997	One clump comprised of four plants.
180	Vascular Plants	*Aureolaria patula*	spreading false-foxglove	G3	S1			Cherokee; Melson, GA	010S 011E	26	342600N, 0852600W	08/29/ 1996	
180	Vascular Plants	*Aureolaria patula*	spreading false-foxglove	G3	S1			Cherokee; Melson, GA	010S 011E	26	342700N, 0852700W	09/29/ 1996	Roughly 25-30 reproductively active (flowering & fruiting) plants were observed.
180	Vascular Plants	*Helianthus verticillatus*	whorled sunflower	G1Q	S1	C		Cherokee; Melson, GA	010S 011E	26	342700N, 0852700W	10/14/ 1999	1999-10-14: 59 reproductively active plants were observed, many of which were in fruit.
180	Vascular Plants	*Helianthus verticillatus*	whorled sunflower	G1Q	S1	C		Cherokee; Melson, GA	010S 011E	34	342800N, 0852800W	10/14/ 1999	1999-10-14: 37 mature plants were observed. Reproduction appears good; the plants were nearly finished flowering during time of survey.
180	Vascular Plants	*Marshallia mohrii*	Mohr's Barbara's buttons	G3	S3	LT		Cherokee; Melson, GA	010S 011E	26	342700N, 0852700W	10/14/ 1999	Roughly 80 plants were observed- more are likely to occur within the immediate vicinity.
180	Vascular Plants	*Marshallia mohrii*	Mohr's Barbara's buttons	G3	S3	LT		Cherokee; Melson, GA	010S 011E	26	342700N, 0852700W	10/14/ 1999	Roughly 100-125 plants encompassing ca. 0.25 acres.

Table K-1. Continued.

HUC	Major Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	County; Quad	Town Range	Section	Latitude, Longitude	Date Last Observed	EO Data
180	Vascular Plants	*Plantago cordata*	heart-leaved plantain	G4	S1			Cherokee; Melson, GA	010S 011E	26	342700N, 0852700W	10/14/ 1999	Plants inhabit Kanady Creek for 50-60m, particularly north of the powerline corridor.
180	Vascular Plants	*Prenanthes barbata*	barbed rattlesnake-root	G3	S1S2			Cherokee; Melson, GA	010S 011E	25	342600N, 0852600W	10/03/ 1996	
180	Vascular Plants	*Prenanthes barbata*	barbed rattlesnake-root	G3	S1S2			Cherokee; Melson, GA	010S 011E	26	342700N, 0852700W	10/14/ 1999	Greater than 125 flowering and fruiting plants were observed.
180	Vascular Plants	*Pycnanthemum virginianum*	Virginia mountain mint	G5	S1			Cherokee; Melson, GA	010S 011E	26	342700N, 0852700W	09/29/ 1996	1996-09-29: approx. 50-60 plants were observed.
180	Vascular Plants	*Rhynchospora thornei*	Thorne's beakrush	G1G2	S1			Cherokee; Melson, GA	010S 011E	26	342700N, 0852700W	09/29/ 1996	Population encompasses approximately 3 meters square.
200	Birds	*Haliaeetus leucocephalus*	bald eagle	G4	S3B	PS a	SP	Cherokee; Cedar Bluff, Centre	010S 010E	6	343700N, 0853700W	04/18/ 2001	2001: successfully fledged 1 eaglet N. of Newberry Crossroads (same platform as 2000); 2000: 2 fledged at Newberry nest; 1999: 2 fledged at Newberry nest and 1 fledged at Hog Island platform; 1998: 2 fledged at Newberry and 2 at Hog Island; 1997:
200	Mammals	*Sciurus niger*	eastern fox squirrel	G5	S3S4	(PS)		Cherokee; Centre	010S 009E	11	343900N, 0853900W	07/22/ 2000	1 squirrel

[a] *Haliaeetus leucocephalus*, LT throughout range; proposed for delisting 6 July 1999. Federal status is categorized by state/region, rather than by subspecies. Listed as Threatened in the coterminous U.S.; not federally classified as Endangered anywhere as of mid-1995

[b] *Sciurus niger* cinereus, LE - Delaware, Maryland; XN - Delaware, Sussex Co.

Table K-1. Continued.

HUC	Major Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	County; Quad	Town Range	Section	Latitude, Longitude	Date Last Observed	EO Data
200	Vascular Plants	*Dryopteris x australis*	southern woodfern	HYB	S1			Cherokee; Indian Mountain	011S 011E	12	342600N, 0852600W	06/08/ 1977	
200	Vascular Plants	*Lysimachia graminea*	grass-leaf loosestrife	G1Q	S1			Cherokee; Centre	010S 009E	14	343900N, 0853900W	06/28/ 1997	1 plant.
200	Vascular Plants	*Marshallia mohrii*	Mohr's Barbara's buttons	G3	S3	LT		Cherokee; Centre	010S 009E	26	343900N, 0853900W	05/27/ 19??	Flowers pale lavender.
200	Vascular Plants	*Sarracenia oreophila*	green pitcher plant	G2	S2	LE		Cherokee; Centre	010S 009E	14	343900N, 0853900W	07/25/ 2000	One of the largest populations, well over 1000 plants appear to be thriving under current management,
200	Vascular Plants	*Sarracenia oreophila*	green pitcher plant	G2	S2	LE		Cherokee; Centre	010S 009E	13	343900N, 0853900W	05/1995	Ca. 6 clumps of plants south of Co. Rd. 118, in small woods clearing on creek. Another 2-3 clumps another 200-250 feet into woods to south southeast.
200	Vascular Plants	*Sarracenia oreophila*	green pitcher plant	G2	S2	LE		Cherokee; Centre	010S 009E	11	343900N, 0853900W	11/18/ 1992	Several hundred plants observed on 11/28/92, mainly on the southeast edge of longleaf-oak flatwoods, but many also out in open herbaceous bog area, both southeast and to a point northeast of the northeastern corner of the trees.
220	Amphibians	*Desmognathus aeneus*	seepage salamander	G3G4	S2			Cleburne; Borden Springs	013S 011E	4	333000N, 0853000W	4/23/ 1968	1968-04-23: 6 juveniles collected by Folkerts and Estridge (AUM 15092).

Table K-1. Continued.

HUC	Major Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	County; Quad	Town Range	Section	Latitude, Longitude	Date Last Observed	EO Data
220	Fish	*Etheostoma ditrema*	coldwater darter	G1G2	S1		SP	Calhoun; Piedmont	012S 010E	28	333500N, 0853500W	11/07/ 1986	Sixteen specimens collected from *Nasturtium*-choked spring run. Mud/muck bottom. Seven other species present (*G. affinis*, *L. auritus*, *L. megalotis*, *S. atromaculatus*, *C. anomalum*, *C. carolinae*, *N. venustus*.)
220	Fish	*Etheostoma ditrema*	coldwater darter	G1G2	S1		SP	Calhoun; Piedmont	012S 010E	33	333600N, 0853600W	11/07/ 1986	Three specimens collected 1986-11-07 by D. Sizemore from spring run below walled-in spring basin. Specimens seined from *Nasturtium* along banks.
220	Insects	*Chimarra augusta*	caddisfly	G?	S1			Cleburne; Piedmont SE	014S 011E	8	333100N, 0853100W		Collected May-July, October.
220	Insects	*Hydropsyche simulans*	caddisfly	G?	S1			Cherokee; Piedmont	012S 010E	20	333600N, 0853600W		Collected June, September.
220	Insects	*Neophylax acutus*	caddisfly	G?	S1			Cleburne; Piedmont SE	013S 010E	36	333300N, 0853300W		Collected in October.
220	Mussels	*Strophitus subvexus*	southern creekmussel	G3	S2			Cleburne; Piedmont SE	013S 011E	30	333100N, 0853100W	06/30/ 1992	
220	Reptiles	*Pituophis melanoleucus melanoleucus*	northern pine snake	G4T4	S3			Calhoun; Piedmont	013S 010E	8	333700N, 0853700W	05/16/ 1976	
220	Snails	*Elimia gerhardti*	coldwater elimia	G5	S3S4			Cleburne; Piedmont SE	013S 011E	30	333100N, 0853100W	06/30/ 1992	Snails more common here than downstream.
220	Vascular Plants	*Gentiana saponaria*	soapwort gentian	G5	S3			Cleburne; Piedmont SE	013S 010E	26	333300N, 0853300W	10/01/ 1981	

Table K-1. Continued.

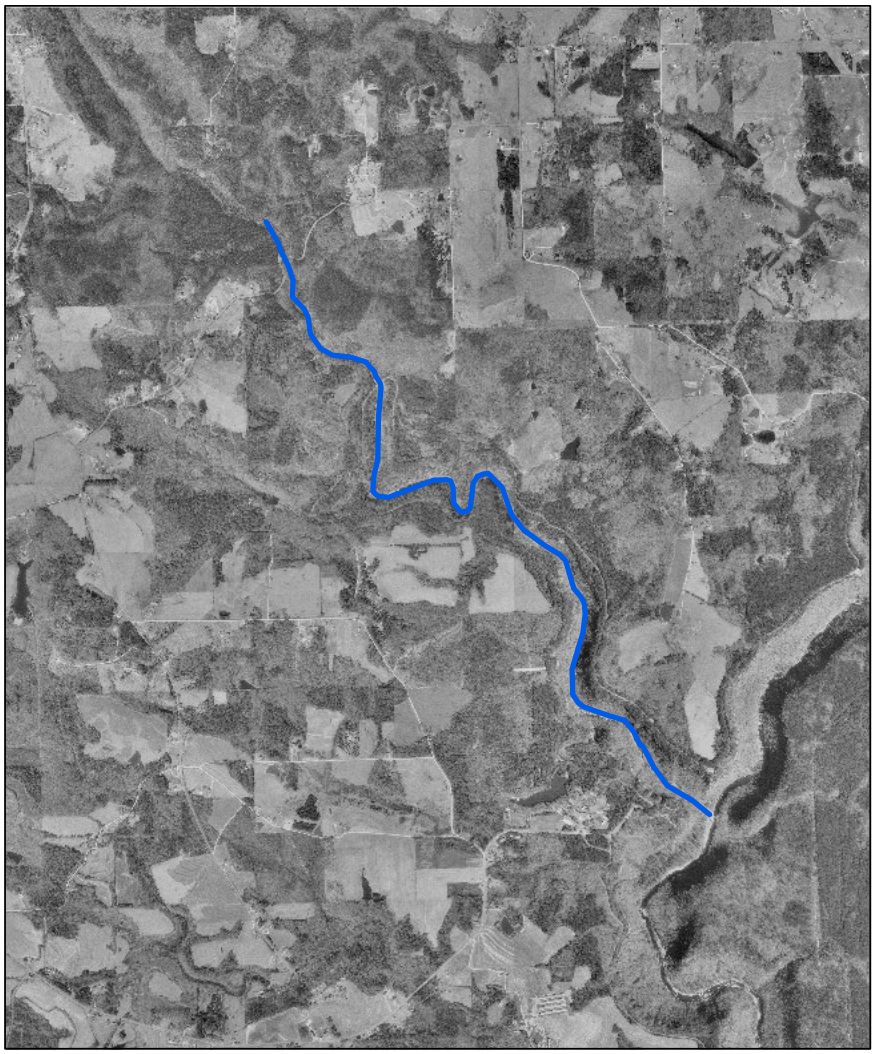
HUC	Major Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	County; Quad	Town Range	Section	Latitude, Longitude	Date Last Observed	EO Data
220	Vascular Plants	*Jamesianthus alabamensis*	jamesianthus	G3	S3			Cleburne; Piedmont SE	013S 011E	30	333200N, 0853200W	09/09/ 1993	No data available on number of plants present, but the species apparently was locally common.
250	Fish	*Percina palmaris*	bronze darter	G4	S3			Cherokee; Ellisville	011S 010E	20	343700N, 0853700W	04/16/ 1966	
250	Mussels	*Epioblasma metastriata*	upland combshell	GH	SH	LE	SP	Cherokee; Ellisville	011S 010E	20	343700N, 0853700W	03/21/ 1968	
250	Mussels	*Lampsilis altilis*	fine-lined pocketbook	G2	S2	LT	SP	Cherokee; Ellisville	011S 010E	20	343700N, 0853700W	09/21/ 1968	3 specimens.
250	Vascular Plants	*Cheilanthes alabamensis*	Alabama lip-fern	G4G5	S3			Cherokee; Ellisville	011S 010E	31	343700N, 0853700W	07/07/ 1966	Sporulating.
250	Vascular Plants	*Clematis socialis*	Alabama leather-flower	G1	S1	LE		Cherokee; Ellisville	011S 010E	18	343700N, 0853700W	05/14/ 1999	214 stems, 16 buds. Plants occur in five areas in meadow. Landowner observed plants spring 1998: not found 1998-06-24; severe drought.
250	Vascular Plants	*Clematis socialis*	Alabama leather-flower	G1	S1	LE		Cherokee; Ellisville	010S 010E	32	343700N, 0853700W	05/14/ 1999	1992-07-20 est. >10,000 individual plants. Several in flower. 1992-Sprg. est. 1,895 stems in R.O.W. and 865 stems in pasture.
250	Vascular Plants	*Dalea gattingeri*	Gattinger's prairie clover	G3G4	S3			Cherokee; Ellisville	011S 010E	18	343700N, 0853700W	07/20/ 1992	Not uncommon along the road in this spot. Only two plants were observed by Currie on 6/10/89.
250	Vascular Plants	*Dalea gattingeri*	Gattinger's prairie clover	G3G4	S3			Cherokee; Ellisville	011S 010E	20	343600N, 0853600W	06/02/ 1996	Scarce.
250	Vascular Plants	*Hypericum dolabriforme*	straggling St. John's-wort	G4	SH			Cherokee; Weisner Mountain	011S 010E	18	343800N, 0853800W	07/22/ 1968	Petals yellow.

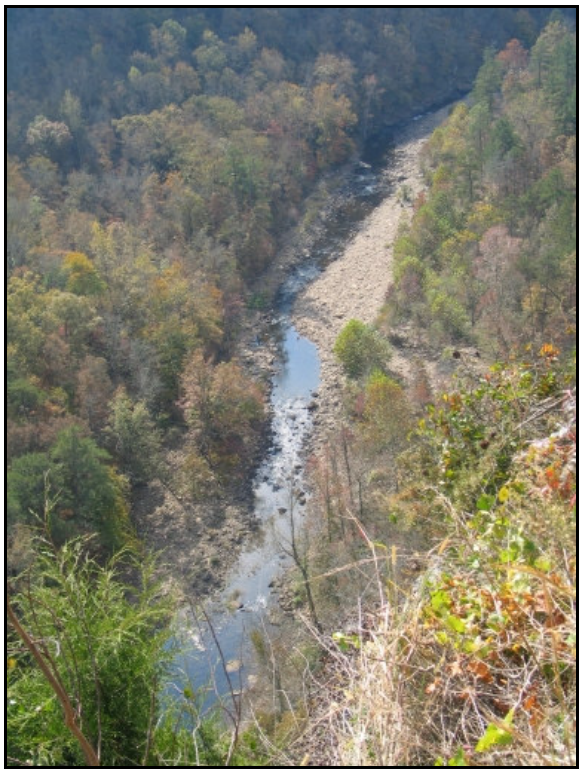
Table K-1. Continued.

HUC	Major Group	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	County; Quad	Town Range	Section	Latitude, Longitude	Date Last Observed	EO Data
250	Vascular Plants	*Lysimachia graminea*	grass-leaf loosestrife	G1Q	S1			Cherokee; Weisner Mountain	011S 009E	01,12	343900N, 0853900W	07/12/ 1972	Forming a large clone.
250	Vascular Plants	*Marshallia mohrii*	Mohr's Barbara's buttons	G3	S3	LT		Cherokee; Ellisville	011S 010E	18	343700N, 0853700W	07/20/ 1992	Common, in full sun and wet clay soil along the road with *Petalostemum gattingeri*. - A. Diamond, 1987. "Sandy clay of savanna pasture swale....abundant locally. Corollas pinkish. **noteworthy. Channell says species is nearing extinction." - R. Kral, 19
250	Vascular Plants	*Marshallia mohrii*	Mohr's Barbara's buttons	G3	S3	LT		Cherokee; Weisner Mountain	011S 009E	2	343900N, 0853900W	04/29/ 1974	
250	Vascular Plants	*Marshallia mohrii*	Mohr's Barbara's buttons	G3	S3	LT		Cherokee; Ellisville	011S 010E	18	343700N, 0853700W	05/14/ 1999	2 plants found
250	Vascular Plants	*Orobanche uniflora*	one-flowered broomrape	G5	S2			Cherokee; Ellisville	011S 010E	31	343700N, 0853700W	05/06/ 1980	
250	Vascular Plants	*Pycnanthemum virginianum*	Virginia mountain mint	G5	S1			Cherokee; Ellisville	011S 010E	18	343700N, 0853700W	05/14/ 1999	5-10 plants scattered across area.
250	Vascular Plants	*Pycnanthemum virginianum*	Virginia mountain mint	G5	S1			Cherokee; Ellisville	010S 010E	32	343700N, 0853700W	05/14/ 1999	5-10 plants
250	Vascular Plants	*Rhynchospora colorata*	white-top sedge	G5	S3S4			Cherokee; Ellisville	010S 010E	32	343700N, 0853700W	07/20/ 1992	Plants at east end of R.O.W. on northeast corner of woods, and in low, open area at southeast corner of woods near pasture; in heavy, low clay soils.
260	Vascular Plants	*Marshallia mohrii*	Mohr's Barbara's buttons	G3	S3	LT		Cherokee; Weisner Mountain	010S 009E	33	344200N, 0854200W	06/22/ 1975	

APPENDIX L. EOR-rich stream segments in the Upper Coosa River watershed.

Stream Segment: Bear Creek (DeKalb County)
Number of EORs within 100 m: 10
Description: Bear Creek from its confluence with Falls Branch downstream approximately 5.4 km (3.4 mi) to its confluence with Little River between Crow Point Overlook and Eberhart Point Overlook. Bear Creek is a small, steep gradient stream with a rock and gravel substrate and generally well-vegetated banks that flows through a steep ravine for most of this segment. The majority of the reach is within the Little River Canyon National Preserve, but approximately 1.2 km of the upper reaches north of Little River Canyon Parkway (State Route 176) are outside the park boundaries. After crossing the Parkway, Bear Creek begins to form a side canyon to Little River Canyon. The upper reach north of the Parkway also is crossed by a dirt road. While the canyon area in the park is too steep for development, the surrounding area is a mixture of forest, agriculture, and low-density development, with development of low-density residential tracts currently ongoing. These surrounding land uses could lead to problems with excessive sediments and nutrients and bacterial or other contamination.



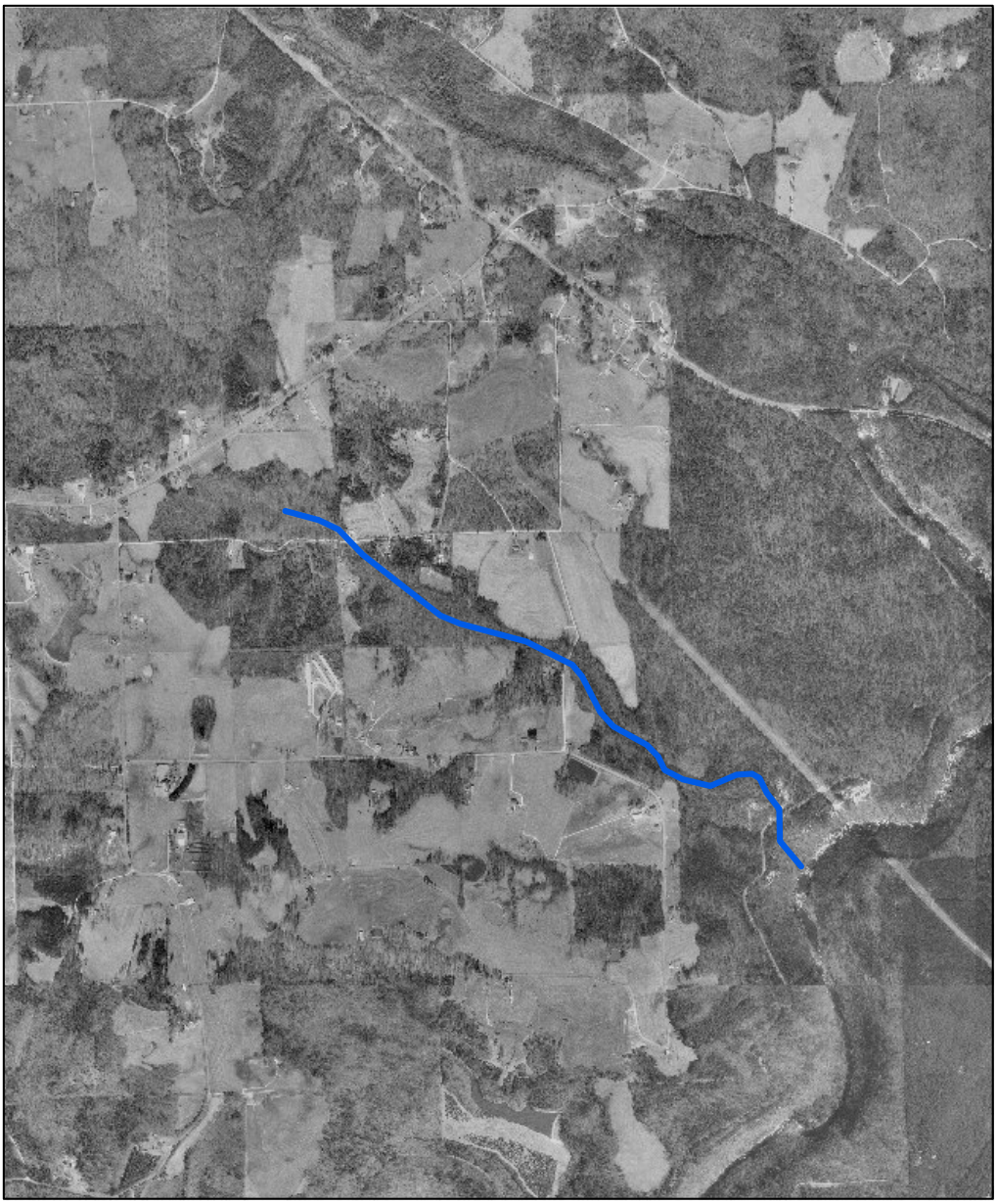


Bear Creek

Bear Creek - north at State Route 176

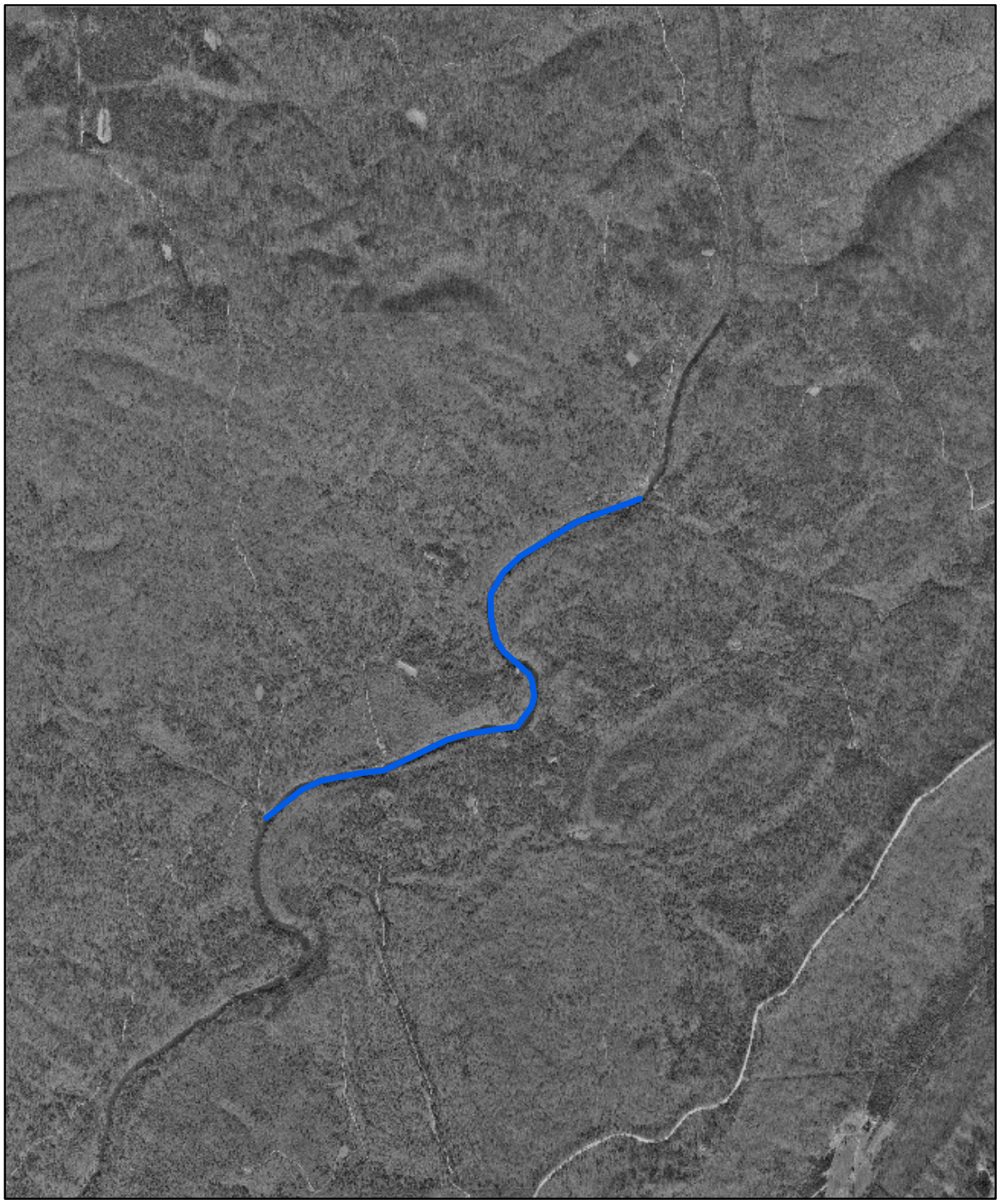
Bear Creek canyon

Stream Segment: Brooks Branch
Number of EORs within 100 m: 11
Description: Brooks Branch from its headwater downstream approximately 2.5 km (1.6 mi) to its confluence with Little River (end point of Little River (3)). Brooks Branch is a small intermittent stream which flows over a relatively flat area from its headwaters but becomes higher gradient with steep ravines and small bluffs along the streambed as it gets closer to Little River Canyon. In the forested area near the park, it is a moderate to steep gradient with a rock substrate and well-vegetated banks. The surrounding area is a mixture of forest, agriculture, (mostly cattle and pasture), low density residential. The stream is crossed by Little River Canyon Parkway (State Route 176) and several other paved roads. These surrounding land uses could lead to problems with excessive sediments, nutrients, and bacterial or other contamination.

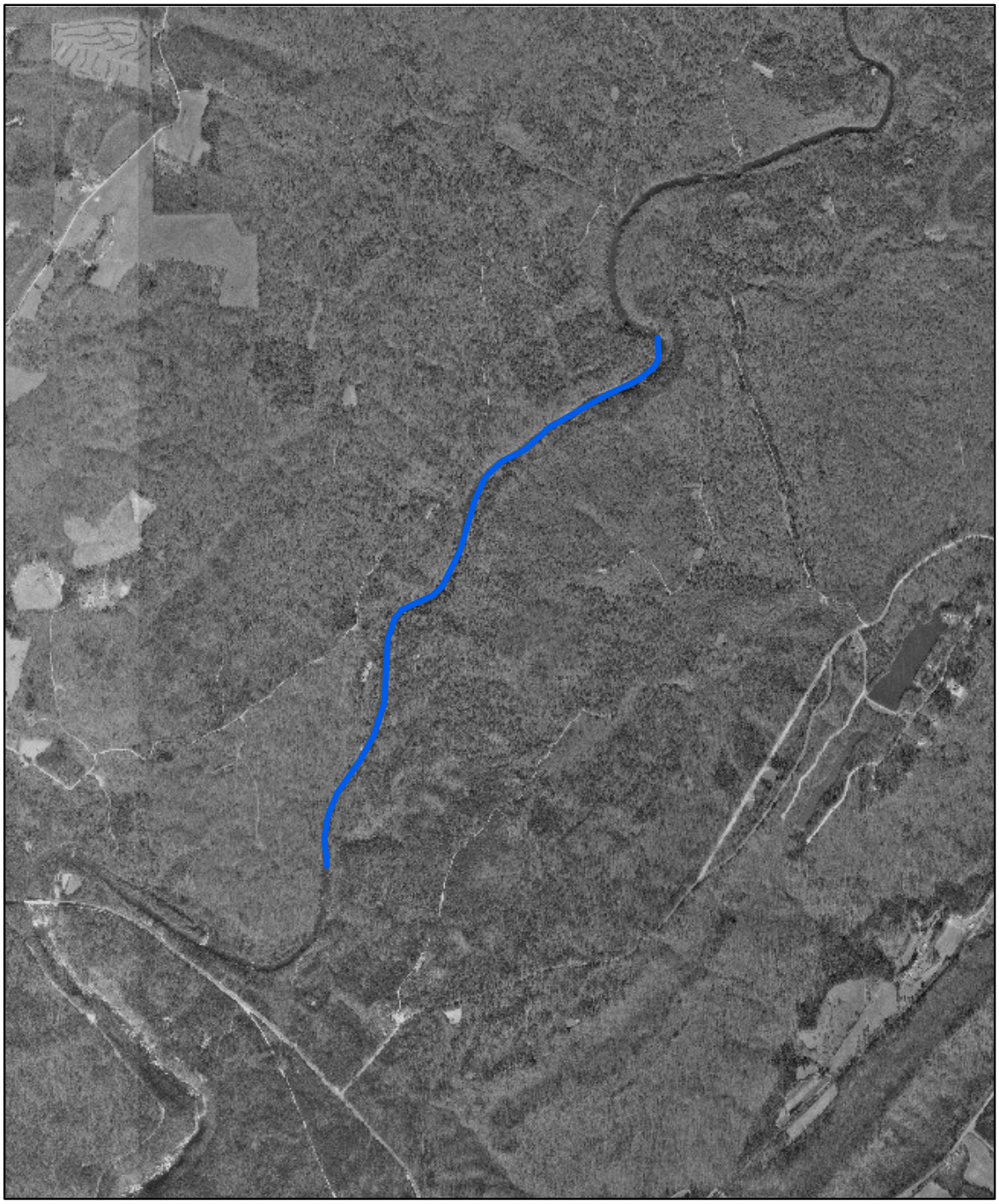


Brooks Branch at Little River Canyon Parkway

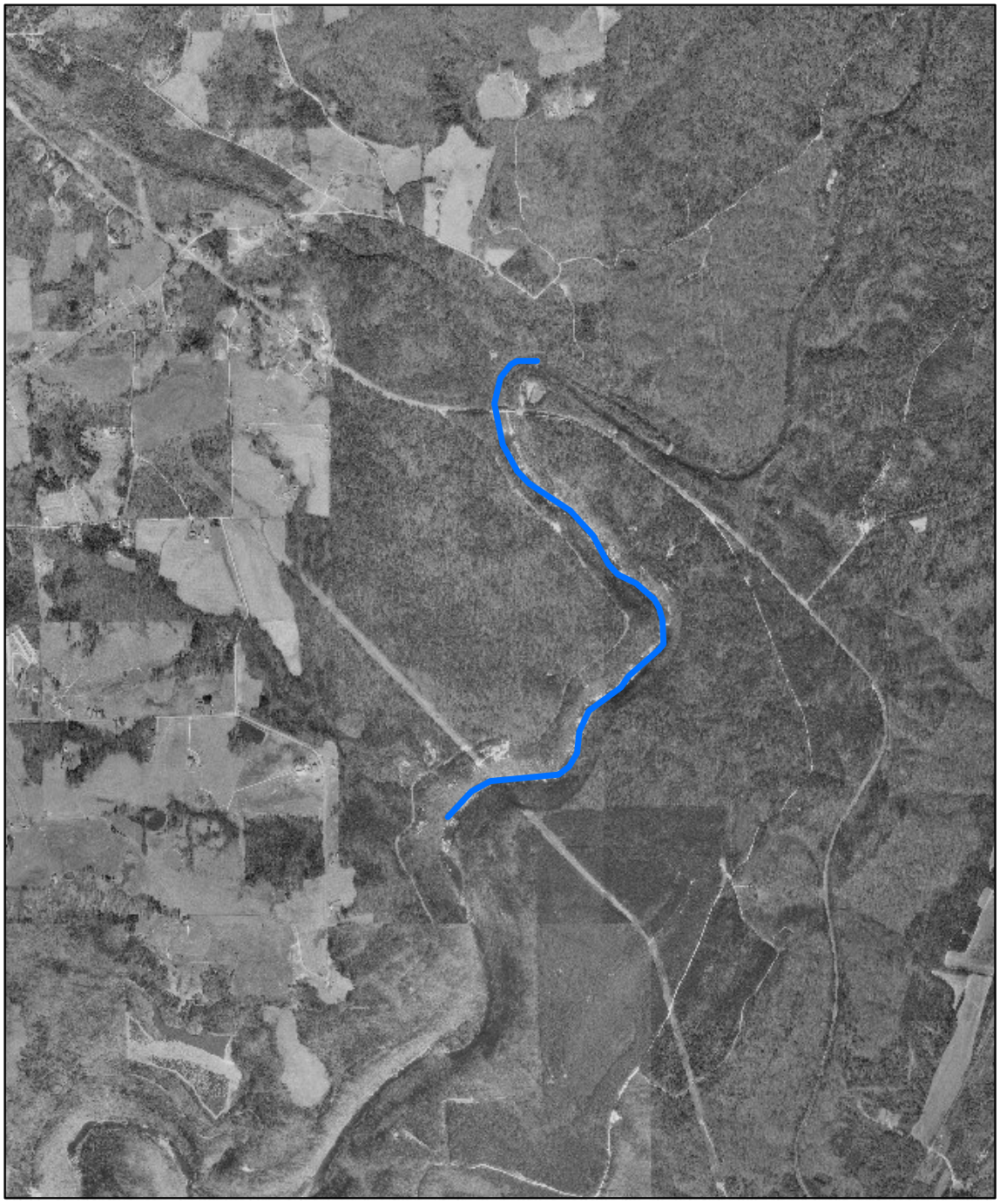
Stream Segment: Little River (1)
Number of EORs within 100 m: 5
Description: Within Little River Wildlife Management Area; from unnamed tributary entering from the southeast at Hartline Ford (Access Road 03 crossing) downstream approximately 2.5 km (1.6 mi) to Hurricane Creek. The surrounding land use is predominately forest.



Stream Segment: Little River (2)
Number of EORs within 100 m: 7
Description: Within Little River Wildlife Management Area from unnamed tributary entering from the east (35:24:51N, 85:35:56W) downstream approximately 2.8 km (1.7 mi) to next confluence with unnamed tributary from the east. The surrounding land use is predominately forest.



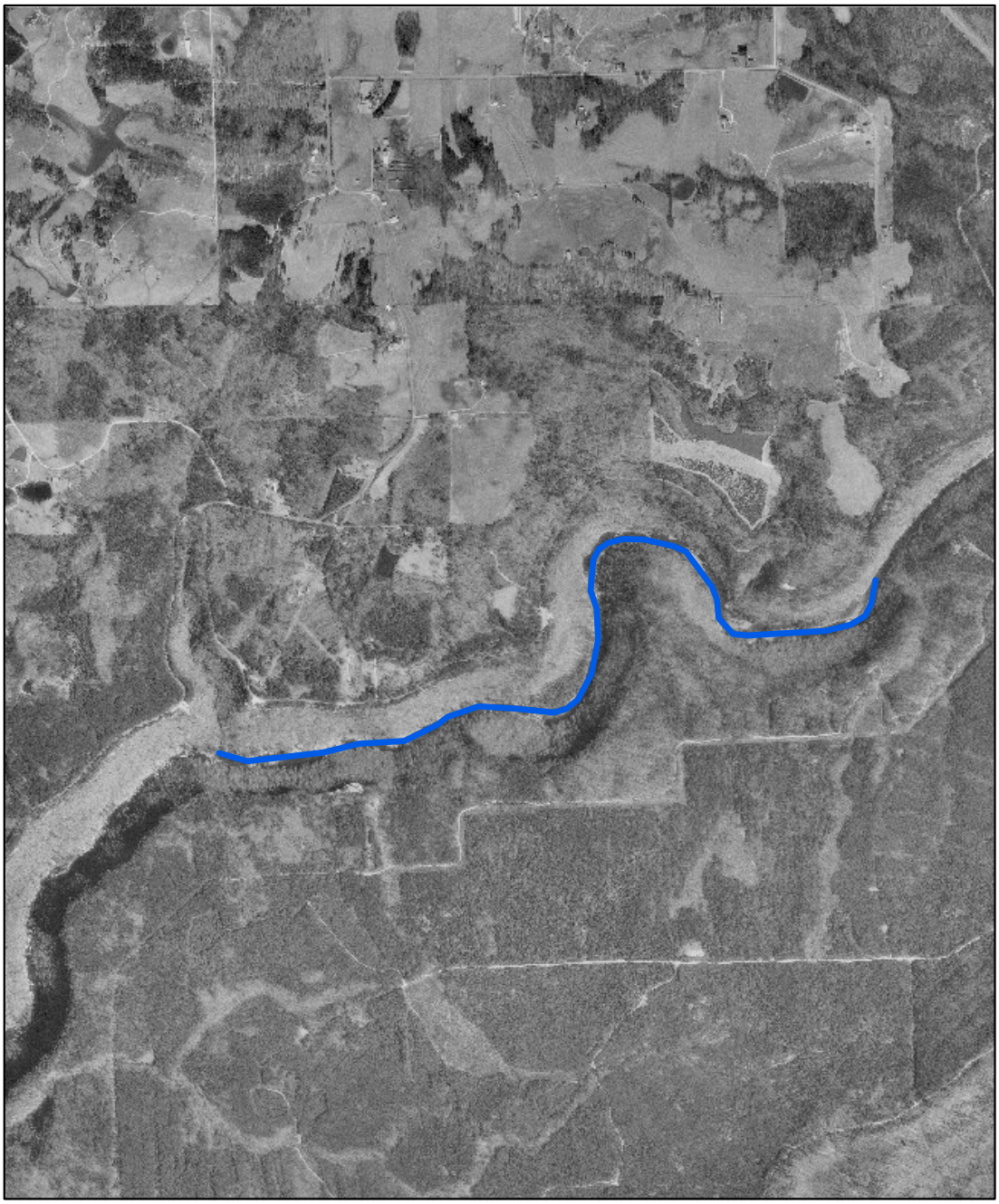
Stream Segment: Little River (3)
Number of EORs within 100 m: 10
Description: In Little River Canyon National Preserve from Yellow Creek just above Little River Falls downstream approximately 2.8 km (1.7 mi) to Brooks Branch; in Little River Canyon with the exception of approximately 150 m above the falls. Land cover for the area around this river section is mostly forest. The area within the canyon is protected as a national park, but the river could be affected by the residential and agricultural development to the west along Yellow Creek and Brooks Branch.



Little River at Yellow Creek

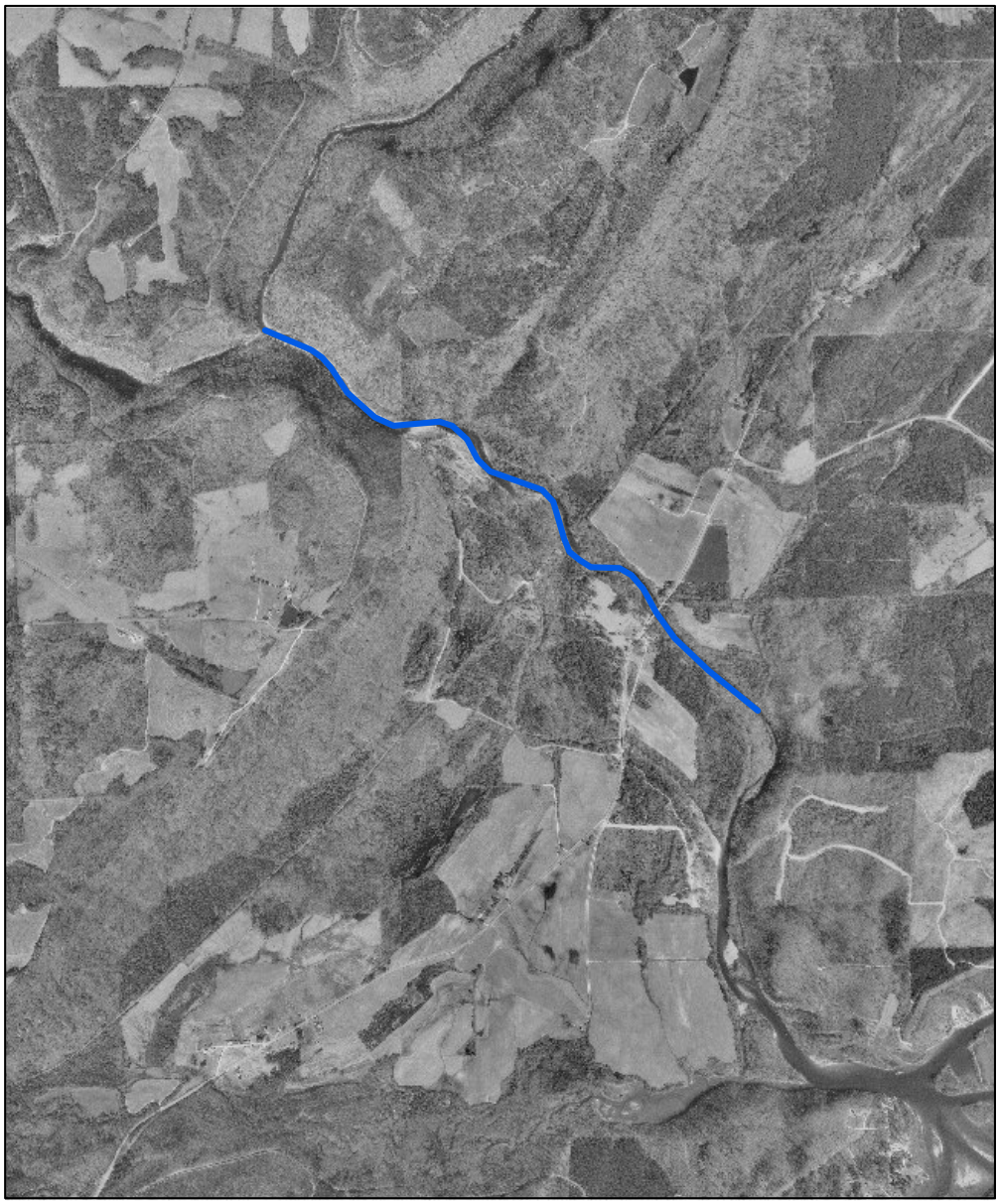
Little River below Little River Falls

Stream Segment: Little River (4)
Number of EORs within 100 m: 12
Description: In Little River Canyon National Preserve; segment of little River between Brooks Branch and Bear Creek from an unnamed tributary (34:23:52N, 85:37:32) entering from the south downstream approximately 3.2 km (2.0 mi) to Wolf Creek. The area surrounding the river is a mixture of forest, agriculture (mostly cattle pasture), and low density residential. The area within the canyon is protected, but the river could be affected by the tributaries feeding from the surrounding area carrying excess sediments and nutrients or contaminants, especially as pressure to develop the surrounding area for residential use increases.



Little River in Little River Canyon National Preserve

Stream Segment: Little River (5)
Number of EORs within 100 m: 10
Description: Little River from confluence with Johnnies Creek downstream approximately 3.0 km (1.9 mi) past Highway 273 crossing to confluence with unnamed tributary. This segment flows through Mouth of Little River Canyon Park. The river is a clear moderate to fast flowing river with a sand and gravel substrate for most of this segment. At the Mouth of Little River Canyon Park, the banks are still steep hills covered with mixed pine-oak forests, with sand scrub-shrub habitats where the river plain widens out in patches. South of the park, the topography flattens, and the river is surrounded by a mixture of residential housing, agriculture, and forest. Most of the river appears to have at least a moderate riparian buffer. State Route 273 crosses Little River on the southern end of this segment. This portion of the river has the potential to be negatively affected by the surrounding human land uses.

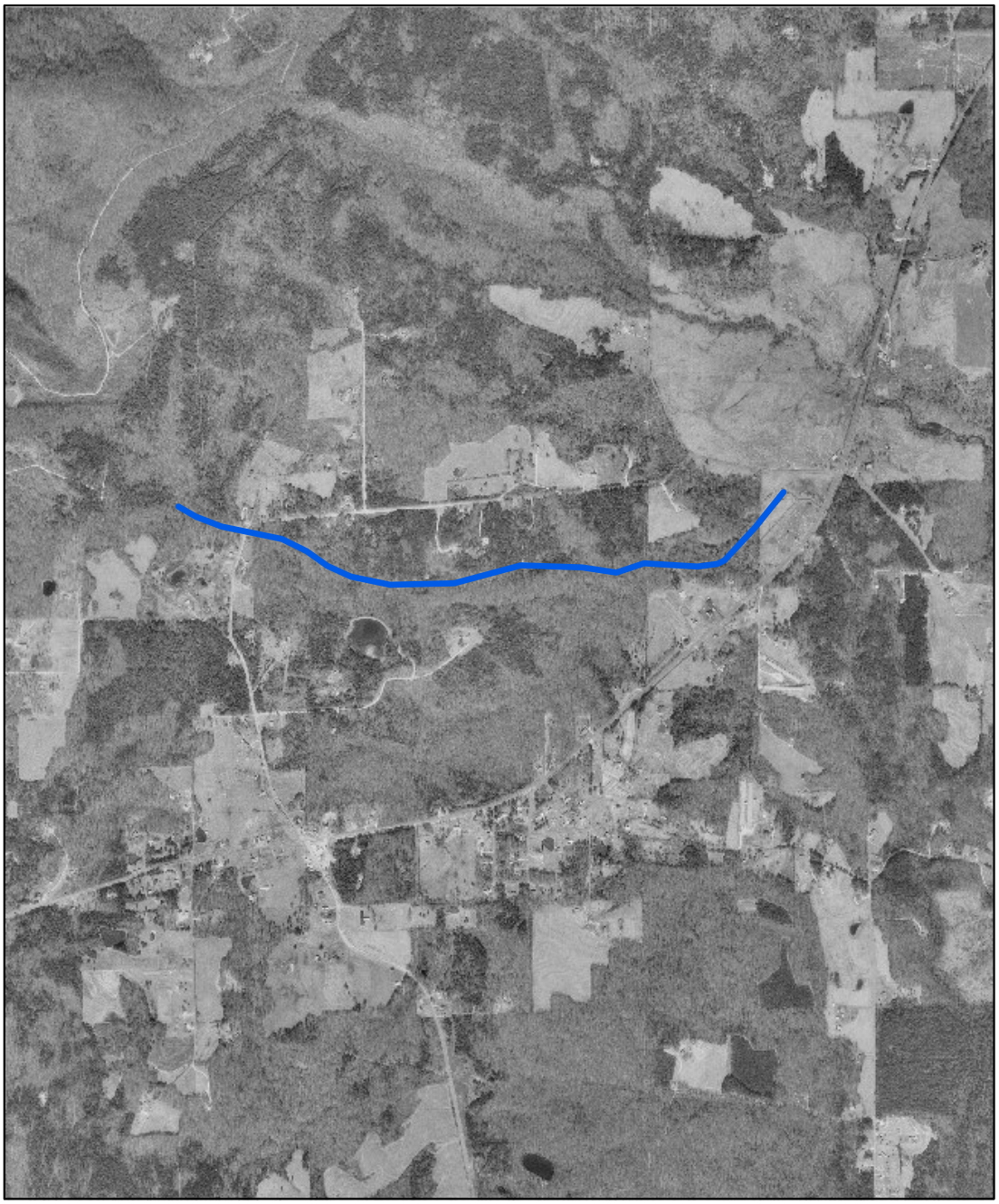


Little River at Little River Mouth of Canyon Park

Little River at State Route 273

Stream Segment: Straight Creek
Number of EORs within 100 m: 5
Description: From its headwaters downstream to confluence with an unnamed tributary approximately 300 m entering from the south slightly upstream of the confluence of Straight Creek and Yellow Creek. The surrounding area is a mixture of agriculture, low-density residential, and forest, with the creek appearing to have some riparian vegetation for most of its length. The headwater is on the outskirts of the Fort Payne city limits, and is crossed by State Route 35 and another paved road near the southern end of the stream. The stream could be affected by the surrounding land uses with the potential for contaminants or excess sediments or nutrients.

Stream Segment: Unnamed Tributary – Hurricane Creek
Number of EORs within 100 m: 5
Description: An unnamed tributary of Hurricane Creek (HC) from its headwaters downstream to HC approximately 100 m northwest of DeSoto Parkway crossing HC. The surrounding area is a mixture of rural residential, agriculture, and small forest fragments. The area has undergone some development within the past 10 years and contains less forest than indicated in the DOQQ below. Although forest remains along much of the stream length, the pasture areas contain little native riparian vegetation, and cattle are not excluded from the stream.



Tributary entering Hurricane Creek

Stream Segment: Unnamed Tributary – Little River
Number of EORs within 100 m: 6
Description: Partially in Little River Canyon National Preserve – approximately 2, 764 m of an unnamed tributary from (34:23:04N, 85:39:13W) to confluence with Little River. The surrounding area is a mixture of forest, agriculture, and low-density rural residential. The stream is a small, moderate gradient stream with a rock substrate. The land around approximately the first third of the stream segment is used as pasture with native little riparian vegetation and the animals are not excluded from the stream. The stream banks are well vegetated where the surrounding land is forest. The surrounding agriculture has the potential to negatively affect this stream segment.

Stream Segment: Unnamed Tributary – West Fork Little River
Number of EORs within 100 m: 5
Description: In DeSoto State Park – An unnamed tributary of West Fork Little River from its headwater (34:29:55N, 85:38:06W) downstream approximately 2.3 km (1.4 mi) to the West Fork Little River. The stream is south of the park visitor center and picnic area, and parallels Azalea Falls trail. DeSoto Parkway crosses the stream near Little River. The stream is a small, narrow, slow-flowing, intermittent stream flowing through a small valley in the rolling hills of the park. The surrounding area is predominately forest, with a mixed mesophytic hardwood forest along the stream. The park has a small sewage treatment plant above where the stream enters Little River.

DeSoto Parkway crossing unnamed tributary

sewage treatment plant in DeSoto State Park

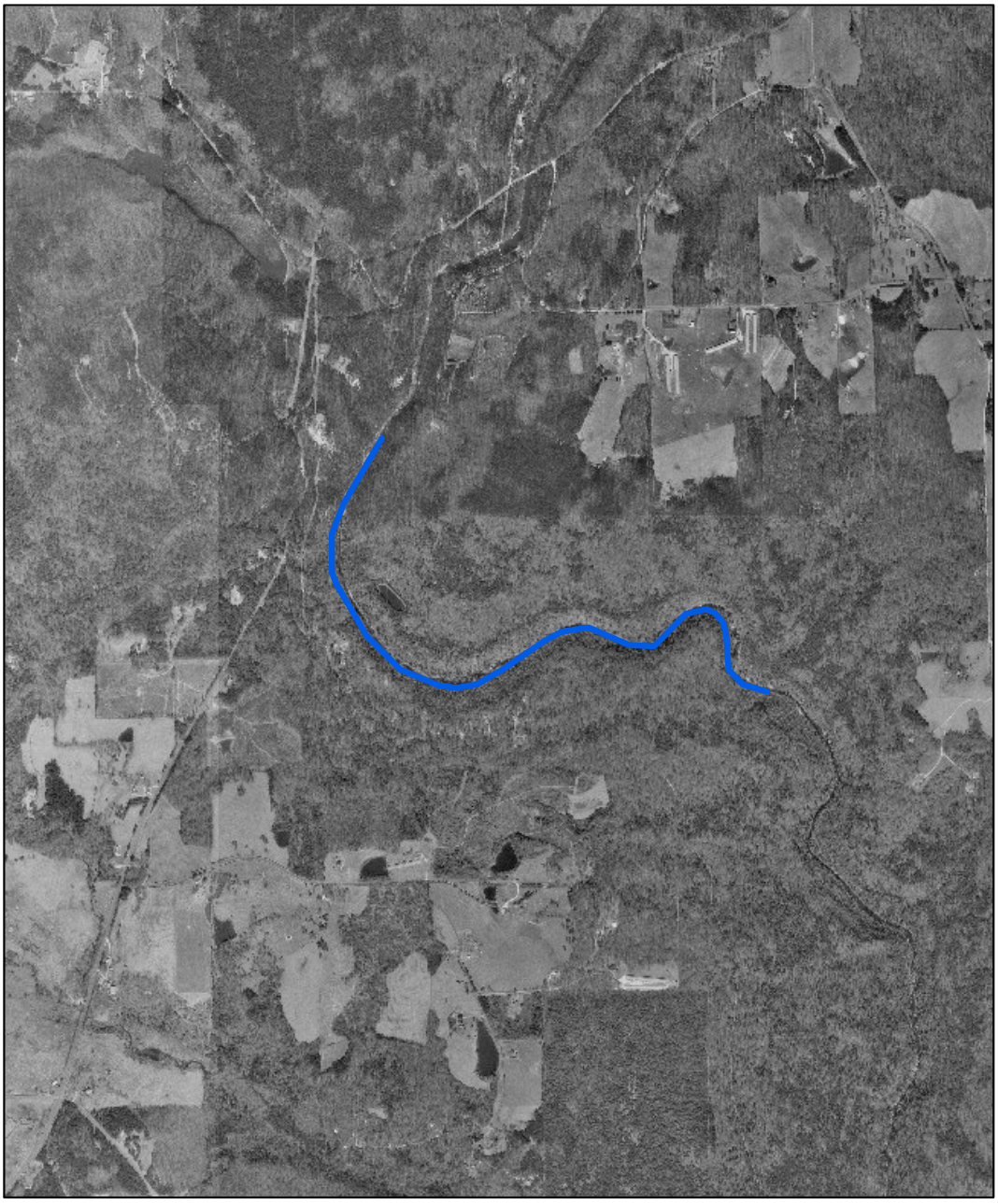
unnamed tributary paralleling Azalea Falls Trail in DeSoto State Park

Stream Segment: West Fork Little River (1)
Number of EORs within 100 m: 7
Description: In DeSoto State Park - from DeSoto Falls downstream approximately 3.2 km (2.0 mi) to confluence with an unnamed tributary north of Polecat Hollow. The surrounding area is a mixture of forest and rural residential, although there are openings in the forest such as the campground along Little River north of Little Mountain, and agricultural land to the east. Little River is contained in a steep canyon immediately below DeSoto with mesophytic forest vegetation in the ravine. There is a small concrete dam above the falls with a small tourist parking lot at the dam. This presents the potential for contaminants to wash into the stream.

Little River below DeSoto Falls

small dam above DeSoto Falls

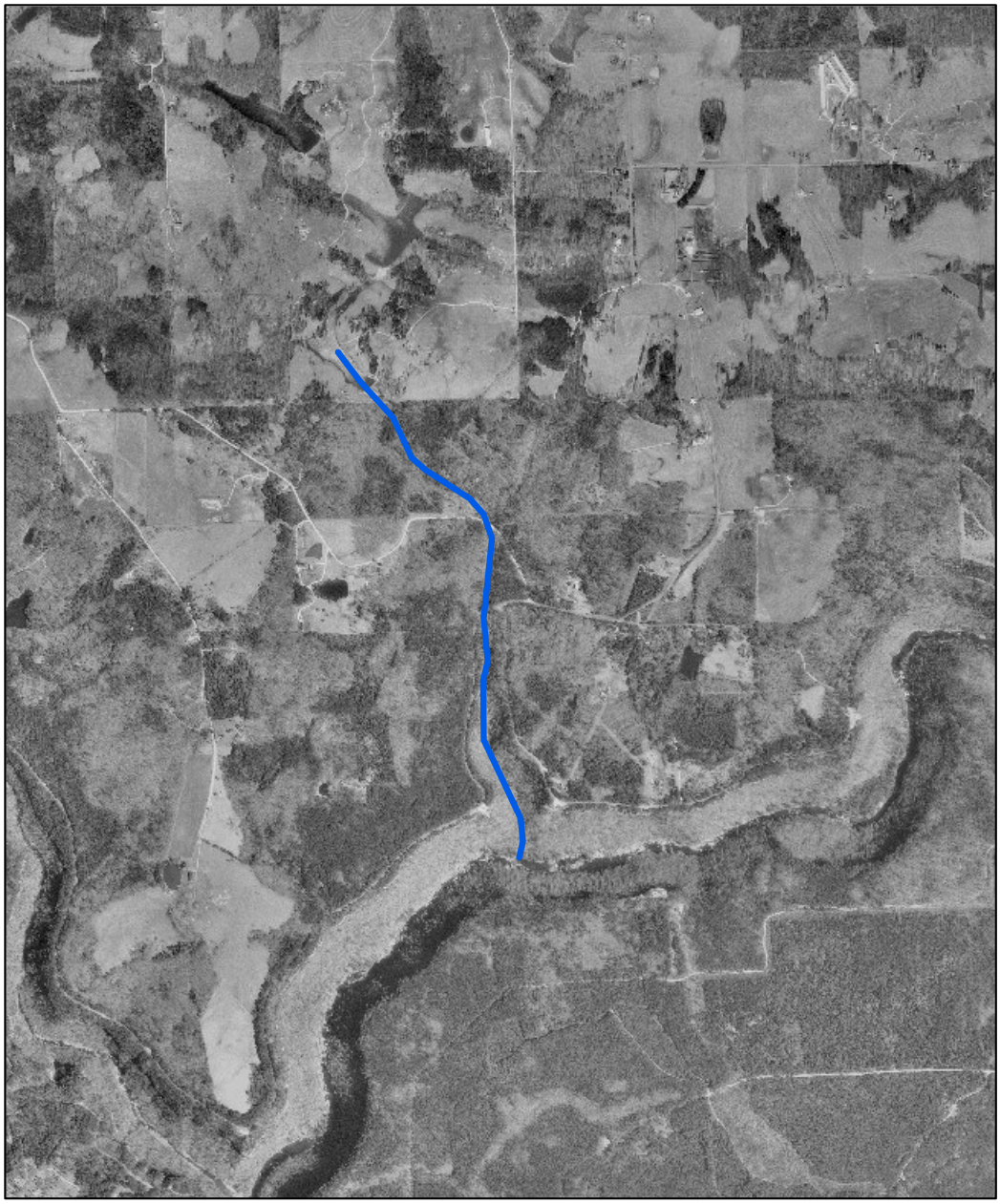
Stream Segment: West Fork Little River (2)
Number of EORs within 100 m: 15
Description: Partially in DeSoto State Park and Little River Wildlife Management Area– from confluence with Sharp Branch downstream approximately 2.6 km (1.6 mi) to confluence with unnamed tributary entering from the north. This section of West Fork Little River is a small, fast-flowing river with a series of riffles and pools over a rock substrate. The banks from a small relatively steep ravine with no floodplain. The surrounding area is predominately forest with a mixture of rural residential, forest, and agriculture outside the park and wildlife management area. The Desoto State Park visitor center is slightly west of the beginning of this segment of West Fork Little River, and there is a sewage treatment plant along the unnamed tributary entering Little River (see Unnamed Tributary – West Fork Little River above).



Little River in DeSoto State Park

Little River in DeSoto State Park

Stream Segment: Wolf Creek
Number of EORs within 100 m: 6
Description: Partially within Little River Canyon National Preserve - from confluence of 2 unnamed tributaries (34:22:44N, 85:40:05W) downstream approximately 2.0 km (1.2 mi) to confluence with Little River (end point of Little River - 4) between Canyon View Overlook and Wolf Creek Overlook. The surrounding area is a mixture of forest, low-density rural residential, and agriculture. Wolf Creek is crossed by Little River Canyon Parkway (State Route 176) approximately at the midpoint of this segment, and by County Road 255 in the upper portion of this segment. CR 255 is a dirt road with inadequate sediment retention measures to prevent sediment washing into the stream. After crossing SR 176, Wolf Creek flows into a canyon that is a side canyon to Little River Canyon. The surrounding are is becoming increasingly developed/



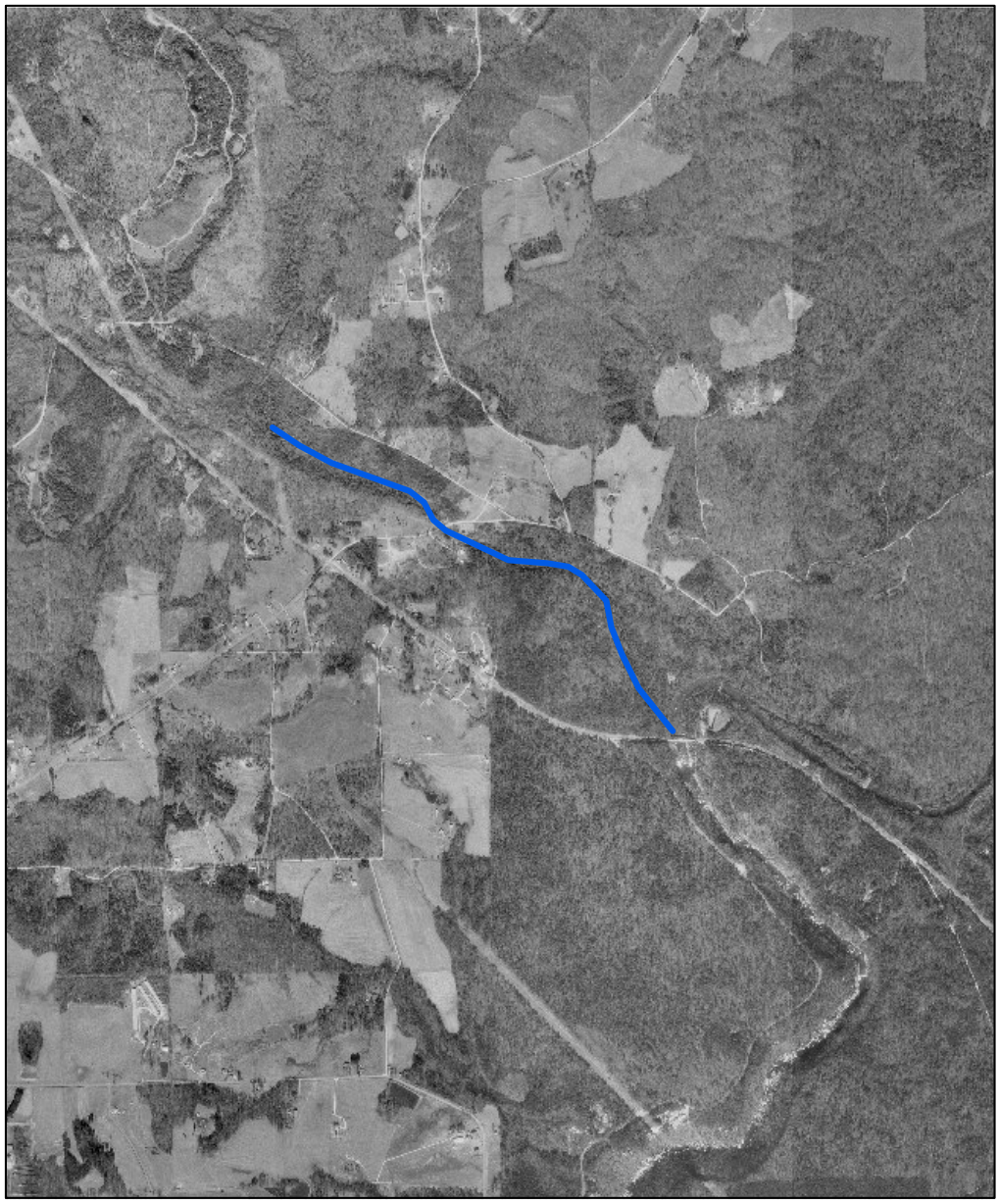
County Road 255 crossing Wolf Creek

Wolf Creek at County Road 255 crossing

Wolf Creek at State Route 176 crossing

State Route 176 crossing Wolf Creek

Stream Segment: Yellow Creek
Number of EORs within 100 m: 9
Description: From the confluence of Yellow Creek and Straight Creek downstream approximately 2.0 km (1.2 mi) to Little River. The surrounding area is a mixture of agriculture, residential, and forest. The middle section is crossed by a road with the adjacent land developed for residential and agricultural (pasture) use. The northwest lot at this crossing is used as pasture. The cattle are fenced from the stream, but the fence is <5 m from the stream and there is no forest buffer along the stream. The southern lots were developed for residential use, with the houses very close to Yellow Creek and the falls just below the road crossing and lawns up to the creek. The creek enters forested property (Little River Wildlife Management Area) slightly below the falls, but the surrounding land uses outside the Wildlife Management Area have the potential to negatively affect the creek.



cattle pasture along Yellow Creek at road crossing

housing on Yellow Creek at road crossing

Yellow Creek entering Little River

APPENDIX M. Rare species areas in the Upper Coosa River Watershed.

Table M-1. Rare species areas in the Upper Coosa River Watershed identified using occurrence data from Alabama Natural Heritage[SM]'s Biological Conservation Database and 1,000 ha (2,471 ac) hexagon coverage generated in ArcView. Hexagon type was coded "critical", "imperiled", and "rare" based on the presence of federal or state protected species and heritage ranks. "Critical" hexagons were those containing federal or state protected species or species with a heritage rank of G1 or S1. "Imperiled" hexagons were those containing species with a heritage rank of G2 or S2 without federal or state protection. "Rare" hexagons were those containing species with a heritage rank of G3 – G5 without federal or state protection. The hydrologic unit code (HUC) given is the 3-digit subwatershed code of the 11-digit HUC for the subwatersheds within the Upper Coosa watershed (03150105); for those subwatersheds outside the UCR watershed, the full 11-digit HUC is given. For the hexagons on the Alabama-Georgia border that included parts of Georgia, the HUC code is for the 10-digit HUC from the Georgia Hydrologic Unit Boundaries data set.

Hexagon ID	Type	# of EORs	Species Occurring in Hexagon		Subwatersheds Covered	
			Scientific Name	Common Name	HUC	Name
2004	critical	1	*Chimarra augusta*	caddisfly	220	Upper Terrapin Creek
2105	critical	5	*Elimia gerhardti, Gentiana saponaria, Jamesianthus alabamensis, Neophylax acutus, Strophitus subvexus*	coldwater elimia, soapwort gentian, jamesianthus, caddisfly, southern creekmussel	220	Upper Terrapin Creek
2208	rare	1	*Pituophis melanoleucus melanoleucus*	northern pine snake	220	Upper Terrapin Creek
2304	imperiled	1	*Desmognathus aeneus*	seepage salamander	220	Upper Terrapin Creek
2407	critical	2	*Etheostoma ditrema* (2)	coldwater darter (2)	220	Upper Terrapin Creek
2507	critical	1	*Hydropsyche simulans*	caddisfly	220, 240	Upper Terrapin Creek, Hurricane Creek
2608	imperiled	2	*Cheilanthes alabamensis, Orobanche uniflora*	Alabama lip-fern, one-flowered broomrape	250	Lower Terrapin Creek
2708	critical	4	*Dalea gattingeri, Epioblasma metastriata, Lampsilis altilis, Percina palmaris*	Gattinger's prairie clover, upland combshell, fine-lined pocketbook, bronze darter	200, 250	Spring Creek, Lower Terrapin Creek
2809	critical	6	*Clematis socialis, Dalea gattingeri, Hypericum dolabriforme, Marshallia mohrii* (2), *Pycnanthemum virginianum*	Alabama leather-flower, Gattinger's prairie clover, straggling St. John's-wort, Mohr's Barbara's buttons (2), Virginia mountain mint	250	Lower Terrapin Creek
2903	critical	1	*Dryopteris x australis*	southern woodfern	200	Spring Creek
2908	critical	3	*Clematis socialis, Pycnanthemum virginianum, Rhynchospora colorata*	Alabama leather-flower, Virginia mountain mint, white-top sedge	200, 250	Spring Creek, Lower Terrapin Creek
2909	critical	2	*Lysimachia graminea, Marshallia mohrii*	grass-leaf loosestrife, Mohr's Barbara's buttons	200	Spring Creek, Lower Terrapin Creek
2910	critical	1	*Marshallia mohrii*	Mohr's Barbara's buttons	200	Spring Creek, Lower Terrapin Creek

Table M-1. Continued.

Hexagon ID	Type	# of EORs	Species Occurring in Hexagon		Subwatersheds Covered	
			Scientific Name	Common Name	HUC	Name
2911	critical	1	*Marshallia mohrii*	Mohr's Barbara's buttons	200, 250, 260, 270	Spring Creek, Lower Terrapin Creek, Sugar Creek, Coosa River
3003	critical	5	*Aureolaria patula, Helianthus verticillatus, Marshallia mohrii, Pycnanthemum virginianum, Rhynchospora thornei*	spreading false-foxglove, whorled sunflower, Mohr's Barbara's buttons, Virginia mountain mint, Thorne's beakrush	180, 200, 03150101501, 0315010503	Coosa River, Spring Creek, Coosa River-upper, Chattooga River-upper
3004	critical	3	*Helianthus verticillatus, Marshallia mohrii, Prenanthes barbata*	whorled sunflower, Mohr's Barbara's buttons, barbed rattlesnake-root	180, 200	Coosa River, Spring Creek
3010	critical	3	*Lysimachia graminea, Sarracenia oreophila* (2)	grass-leaf loosestrife, green pitcher plant (2)	200, 250	Spring Creek, Lower Terrapin Creek
3103	critical	3	*Aureolaria patula, Plantago cordata, Prenanthes barbata*	spreading false-foxglove, heart-leaved plantain, barbed rattlesnake-root	180, 0315010501	Coosa River, Coosa River-upper
3110	critical	2	*Sarracenia oreophila, Sciurus niger*	green pitcher plant, eastern fox squirrel	060, 140, 200	Lower Chattooga River, Yellow Creek, Spring Creek
3113	critical	1	*Pleurobema decisum*	southern clubshell	140, 200, 270	Yellow Creek, Spring Creek, Coosa River
3209	critical	1	*Haliaeetus leucocephalus*	bald eagle	060, 140, 180, 200	Lower Chattooga River, Yellow Creek, Coosa River, Spring Creek
3210	critical	1	*Haliaeetus leucocephalus*	bald eagle	060, 130, 140	Lower Chattooga River, Spring Creek, Yellow Creek
3213	imperiled	1	*Cuscuta harperi*	Harper's dodder	140	Yellow Creek
3310	critical	2	*Cyprinella caerulea, Percina lenticula*	blue shiner, freckled darter	060, 130, 140	Lower Chattooga River, Spring Creek, Yellow Creek
3411	critical	6	*Coreopsis pulchra* (2), *Cuscuta harperi* (2), *Cyperus granitophilus, Ptilimnium nodosum*	woodland tickseed (2), Harper's dodder (2), granite-loving flatsedge, harperella	110, 120, 130, 140	Bear Creek, Little River, Spring Creek, Yellow Creek
3506	rare	1	*Elimia gerhardti*	coldwater elimia	030, 050, 060	Upper Chattooga River, Mills Creek, Lower Chattooga River
3511	critical	12	*Bigelowia nuttallii, Coreopsis pulchra, Cyprinella caerulea, Fothergilla major, Helianthus longifolius, Lathyrus venosus, Polygonella Americana, Ptilimnium nodosum, Rudbeckia heliopsidis* (2), *Sagittaria secundifolia*	Nuttall's rayless goldenrod, woodland tickseed, blue shiner, mountain witch-alder, longleaf sunflower, smooth veiny peavine, southern jointweed, harperella, sun-facing coneflower (2), Little River arrow-head	110, 120	Bear Creek, Little River
3611	critical	1	*Ribes cynosbati*	prickly gooseberry	110, 120	Bear Creek, Little River
3613	critical	1	*Silene caroliniana ssp wherryi*	Wherry's catchfly	110	Bear Creek

Table M-1. Continued.

Hexagon ID	Type	# of EORs	Species Occurring in Hexagon		Subwatersheds Covered	
			Scientific Name	Common Name	HUC	Name
3710	critical	34	*Allium speculae* (2), *Amelanchier arborea, Aster spectabilis, Bigelowia nuttallii* (4), *Bigelowia nuttallii – Coreopsis pulchra – Liatris microcephala, Coreopsis pulchra* (2), *Cuscuta harperi* (5), *Diamorpha smallii, Elliptio arctata* (4), *Fimbristylis brevivaginata, Fothergilla major, Panicum lithophilum, Polygonella indianana, Ribes cynosbati* (2), *Rudbeckia heliopsidis* (2), *Sabatia capitata, Sarracenia oreophila* (2), *Schoenolirion croceum* (2)	Little River canyon onion (2), downy serviceberry, showy aster, Nuttall's rayless goldenrod (4), sandstone glade, woodland tickseed (2), Harper's dodder (5), elf orpine, delicate spike (4), glade fimbristylis, mountain witch-alder, Swallen's panic-grass, southern jointweed, prickly gooseberry (2), sun-facing coneflower (2), rose gentian, green pitcher plant (2), yellow sunnybell (2)	110, 120, 130	Bear Creek, Little River, Spring Creek
3711	critical	30	*Allium speculae* (6), *Bigelowia nuttallii* (7), *Bigelowia nuttallii – Coreopsis pulchra – Liatris microcephala* (2), *Ceraclea alabamae, Ceraclea alces, Coreopsis pulchra, Cuscuta harperi* (4), *Elliptio arctata, Hydroptila micropotamis, Lobelia boykinii, Lonicera flava, Nestronia umbellula, Rudbeckia heliopsidis* (2), *Sarracenia oreophila*	Little River canyon onion (6), Nuttall's rayless goldenrod (7), sandstone glade (2), caddisfly, caddisfly, woodland tickseed, Harper's dodder (4), delicate spike, caddisfly, Boykin's lobelia, yellow honeysuckle, nestronia, sun-facing coneflower (2), green pitcher plant	110, 120	Bear Creek, Little River
3712	imperiled	5	*Allium speculae, Bigelowia nuttallii, Bigelowia nuttallii – Coreopsis pulchra – Liatris microcephala, Lindernia monticola, Lonicera flava*	Little River canyon onion, Nuttall's rayless goldenrod, sandstone glade, Piedmont pimpernel, yellow honeysuckle	110	Bear Creek
3810	critical	21	*Allium speculae* (2), *Bigelowia nuttallii, Coreopsis pulchra, Cuscuta harperi, Fontinalis welchiana, Isotria verticillata* (2), *Lindernia monticola, Lonicera flava, Nestronia umbellula* (2), *Pituophis melanoleucus melanoleucus, Ptilimnium nodosum, Rudbeckia heliopsidis* (2), *Sarracenia oreophila* (5)	Little River canyon onion (2), Nuttall's rayless goldenrod, woodland tickseed, Harper's dodder, difficult moss, large whorled pogonia (2), piedmont pimpernel, yellow honeysuckle, nestronia (2), northern pine snake, harperella, sun-facing coneflower (2), green pitcher plant (5)	110, 120	Bear Creek, Little River
3908	critical	2	*Allium speculae, Sagittaria secundifolia*	Little River canyon onion, Little River arrow-head	050, 120	Mills Creek, Little River
3909	critical	13	*Allium speculae, Nestronia umbellula, Ptilimnium nodosum, Rudbeckia heliopsidis, Sarracenia oreophila* (9)	Little River canyon onion, nestronia, harperella, sun-facing coneflower, green pitcher plant (9)	050, 110, 120, 130	Mills Creek, Bear Creek, Little River, Spring Creek
3911	critical	10	*Bigelowia nuttallii, Castilleja coccinea, Coreopsis pulchra, Lindernia monticola, Lonicera flava, Pyrularia pubera, Rudbeckia heliopsidis, Schoenolirion croceum, Stewartia ovata, Talinum mengesii*	Nuttall's rayless goldenrod, scarlet Indian paintbrush, woodland tickseed, piedmont pimpernel, yellow honeysuckle, buffalo-nut, sun-facing coneflower, yellow sunnybell, mountain camellia, Menge's fame-flower	110	Bear Creek

Table M-1. Continued.

Hexagon ID	Type	# of EORs	Species Occurring in Hexagon		Subwatersheds Covered	
			Scientific Name	Common Name	HUC	Name
4009	critical	7	*Allium speculae, Ptilimnium nodosum, Rudbeckia heliopsidis* (3), *Sagittaria secundifolia, Sarracenia oreophila*	Little River canyon onion, harperella, sun-facing coneflower (3), Little River arrow-head, green pitcher plant	080, 100, 110, 120	West Fork of the Little River, East Fork of the Little River, Bear Creek, Little River
4010	imperiled	1	*Coreopsis pulchra*	woodland tickseed	080, 110	West Fork of the Little River, Bear Creek
4012	critical	4	*Aster spectabilis, Bigelowia nuttallii, Helianthus longifolius, Rudbeckia heliopsidis*	showy aster, Nuttall's rayless goldenrod, longleaf sunflower, sun-facing coneflower	110, 03150106050	Bear Creek, Upper Big Wills Creek
4110	critical	19	*Agapetus spinosus, Bigelowia nuttallii, Ceraclea alabamae, Ceraclea alces, Cheumatopsyche helma, Coreopsis pulchra* (3), *Cypripedium acaule, Melanthium parviflorum* (2), *Pyrularia pubera* (2), *Ribes curvatum, Rudbeckia heliopsidis, Sarracenia oreophila* (2), *Talinum mengesii, Wormaldia shawnee*	caddisfly, Nuttall's rayless goldenrod, caddisfly, caddisfly, Helma's cheumatopsyche caddisfly, woodland tickseed (3), pink lady's-slipper, small-flowered false hellebore (2), buffalo-nut (2), granite gooseberry, sun-facing coneflower, green pitcher plant (2), Menge's fame-flower, caddisfly	080, 110	West Fork of the Little River, Bear Creek
4111	imperiled	7	*Bigelowia nuttallii* (3), *Coreopsis pulchra* (2), *Cuscuta harperi, Talinum mengesii*	Nuttall's rayless goldenrod (3), woodland tickseed (2), Harper's dodder, Menge's fame-flower	080, 110, 03150106050	West Fork of the Little River, Bear Creek, Upper Big Wills Creek
4208	critical	1	*Aneides aeneus*	green salamander	100	East Fork of the Little River
4210	critical	1	*Sarracenia oreophila*	green pitcher plant	080, 100, 03150106050	West Fork of the Little River, East Fork of the Little River, Upper Big Wills Creek
4307	imperiled	1	*Pyrularia pubera*	buffalo-nut	100, 0315010508	East Fork of the Little River, Terrapin Creek-lower
4309	critical	4	*Sarracenia oreophila* (3), *Theliopsyche melas*	green pitcher plant (3), caddisfly	080, 100	West Fork of the Little River, East Fork of the Little River
4310	critical	7	*Bigelowia nuttallii, Cuscuta harperi* (2), *Juglans cinerea, Sabatia capitata, Sagittaria secundifolia, Sarracenia oreophila*	Nuttall's rayless goldenrod, Harper's dodder (2), butternut, rose gentian, Little River arrow-head, green pitcher plant, sun-facing coneflower	080, 03150106050	West Fork of the Little River, Upper Big Wills Creek
4409	imperiled	1	*Rudbeckia heliopsidis*	sun-facing coneflower	080, 100	West Fork of the Little River, East Fork of the Little River

Table M-2. Rare species areas in the Upper Coosa River Watershed identified using occurrence data from Alabama Natural Heritage[SM]'s Biological Conservation Database and 100 ha (247 ac) hexagon coverage generated in ArcView. Hexagon type was coded "critical", "imperiled", and "rare" based on the presence of federal or state protected species and heritage ranks. "Critical" hexagons were those containing federal or state protected species or species with a heritage rank of G1 or S1. "Imperiled" hexagons were those containing species with a heritage rank of G2 or S2 without federal or state protection. "Rare" hexagons were those containing species with a heritage rank of G3 – G5 without federal or state protection. The hydrologic unit code (HUC) given is the 3-digit subwatershed code of the 11-digit HUC for the subwatersheds within the Upper Coosa watershed (03150105); for those subwatersheds outside the UCR watershed, the full 11-digit HUC is given.

Hexagon ID	Type	# of EORs	Species Occurring in Hexagon		Subwatersheds Covered	
			Scientific Name	Common Name	HUC	Name
9649	critical	1	*Chimarra augusta*	caddisfly	220	Upper Terrapin Creek
9852	critical	1	*Neophylax acutus*	caddisfly	220	Upper Terrapin Creek
10051	imperiled	3	*Elimia gerhardti, Jamesianthus alabamensis, Strophitus subvexus*	coldwater elimia, jamesianthus, southern creekmussel	220	Upper Terrapin Creek
10054	rare	1	*Gentiana saponaria*	soapwort gentian	220	Upper Terrapin Creek
10460	rare	1	*Pituophis melanoleucus melanoleucus*	northern pine snake	220	Upper Terrapin Creek
10749	imperiled	1	*Desmognathus aeneus*	seepage salamander	220	Upper Terrapin Creek
10859	critical	1	*Etheostoma ditrema*	coldwater darter	220	Upper Terrapin Creek
10958	critical	1	*Etheostoma ditrema*	coldwater darter	220	Upper Terrapin Creek
11160	critical	1	*Hydropsyche simulans*	caddisfly	220	Upper Terrapin Creek
11662	imperiled	2	*Cheilanthes alabamensis, Orobanche uniflora*	Alabama lip-fern, one-flowered broomrape	250	Lower Terrapin Creek
11962	critical	3	*Epioblasma metastriata, Lampsilis altilis, Percina palmaris*	upland combshell, fine-lined pocketbook, bronze darter	250	Lower Terrapin Creek
12062	rare	1	*Dalea gattingeri*	Gattinger's prairie clover	250	Lower Terrapin Creek
12163	critical	2	*Dalea gattingeri, Marshallia mohrii*	Gattinger's prairie clover, Mohr's Barbara's buttons	250	Lower Terrapin Creek
12164	critical	4	*Clematis socialis, Hypericum dolabriforme, Marshallia mohrii, Pycnanthemum virginianum*	Alabama leather-flower, straggling St. John's-wort, Mohr's Barbara's buttons, Virginia mountain mint	250	Lower Terrapin Creek
12366	critical	1	*Lysimachia graminea*	grass-leaf loosestrife	250	Lower Terrapin Creek
12467	critical	1	*Marshallia mohrii*	Mohr's Barbara's buttons	250	Lower Terrapin Creek
12472	critical	1	*Marshallia mohrii*	Mohr's Barbara's buttons	260	Sugar Creek
12545	critical	1	*Dryopteris x australis*	southern woodfern	200	Spring Creek
12563	critical	3	*Clematis socialis, Pycnanthemum virginianum, Rhynchospora colorata*	Alabama leather-flower, Virginia mountain mint, white-top sedge	250	Lower Terrapin Creek
12767	critical	1	*Marshallia mohrii*	Mohr's Barbara's buttons	200, 250	Spring Creek, Lower Terrapin Creek
12848	critical	1	*Helianthus verticillatus*	whorled sunflower	180, 200	Coosa River, Spring Creek
12946	critical	2	*Aureolaria patula, Prenanthes barbata*	spreading false-foxglove, barbed rattlesnake-root	180	Coosa River

Table M-2. Continued.

Hexagon ID	Type	# of EORs	Species Occurring in Hexagon		Subwatersheds Covered	
			Scientific Name	Common Name	HUC	Name
12947	critical	5	*Aureolaria patula, Helianthus verticillatus, Marshallia mohrii, Pycnanthemum virginianum, Rhynchospora thornei*	spreading false-foxglove, whorled sunflower, Mohr's Barbara's buttons, Virginia mountain mint, Thorne's beakrush	180	Coosa River
12948	critical	2	*Marshallia mohrii, Prenanthes barbata*	Mohr's Barbara's buttons, barbed rattlesnake-root	180	Coosa River
13047	critical	1	*Plantago cordata*	heart-leaved plantain	180	Coosa River
13067	critical	1	*Sarracenia oreophila*	green pitcher plant	200	Spring Creek
13068	critical	2	*Lysimachia graminea, Sarracenia oreophila*	grass-leaf loosestrife, green pitcher plant	200	Spring Creek
13078	critical	1	*Pleurobema decisum*	southern clubshell	140, 200, 270	Yellow Creek, Spring Creek, Coosa River
13268	critical	2	*Sarracenia oreophila, Sciurus niger*	green pitcher plant, eastern fox squirrel	200	Spring Creek
13365	critical	1	*Haliaeetus leucocephalus*	bald eagle	180, 200	Coosa River, Spring Creek
13478	imperiled	1	*Cuscuta harperi*	Harper's dodder	140	Yellow Creek
13569	critical	1	*Haliaeetus leucocephalus*	bald eagle	140	Yellow Creek
13688	critical	1	*Aneides aeneus*	green salamander	140, 3150106050, 03150106080	Yellow Creek, Upper Big Wills Creek, Black Creek
13870	critical	2	*Cyprinella caerulea, Percina lenticula*	blue shiner, freckled darter	130, 140	Spring Creek, Yellow Creek
14071	imperiled	2	*Coreopsis pulchra, Cuscuta harperi*	woodland tickseed, Harper's dodder	110, 140	Bear Creek, Yellow Creek
14087	critical	3	*AL DeKalb County cave, Myotis grisescens, Pseudanophthalmus alabamae*	AL DeKalb County cave, gray bat, a ground beetle	140, 03150106050	Yellow Creek, Upper Big Wills Creek
14171	imperiled	3	*Coreopsis pulchra, Cuscuta harperi, Cyperus granitophilus*	woodland tickseed, Harper's dodder, granite-loving flatsedge	110, 120, 140	Bear Creek, Little River, Yellow Creek
14271	critical	2	*Ptilimnium nodosum, Sagittaria secundifolia*	harperella, Little River arrow-head	110, 120	Bear Creek, Little River
14272	critical	3	*Polygonella americana, Ptilimnium nodosum, Rudbeckia heliopsidis*	southern jointweed, harperella, sun-facing coneflower	110, 120	Bear Creek, Little River
14373	critical	5	*Bigelowia nuttallii, Coreopsis pulchra, Fothergilla major, Helianthus longifolius, Rudbeckia heliopsidis*	Nuttall's rayless goldenrod, woodland tickseed, mountain witch-alder, longleaf sunflower, sun-facing coneflower	110, 120	Bear Creek, Little River
14472	critical	2	*Cyprinella caerulea, Lathyrus venosus*	blue shiner, smooth veiny peavine	110, 120	Bear Creek, Little River
14555	rare	1	*Elimia gerhardti*	coldwater elimia	030, 050, 060	Upper Chattooga River, Mills Creek, Lower Chattooga River
14778	critical	1	*Silene caroliniana ssp wherryi*	Wherry's catchfly	110	Bear Creek
14873	critical	1	*Ribes cynosbati*	prickly gooseberry	110	Bear Creek
14972	critical	7	*Allium speculae, Bigelowia nuttallii, Ceraclea alabamae, Ceraclea alces, Cuscuta harperi, Hydroptila micropotamis, Nestronia umbellula*	Little River Canyon onion, Nuttall's rayless goldenrod, caddisfly, caddisfly, Harper's dodder, caddisfly, nestronia	110, 120	Bear Creek, Little River
15070	critical	9	*Allium speculae, Bigelowia nuttallii, Bigelowia nuttallii - Coreopsis pulchra - Liatris microcephala, Coreopsis pulchra, Cuscuta harperi, Elliptio arctata* (3), *Lobelia boykinii*	Little River Canyon onion, Nuttall's rayless goldenrod, sandstone glade, woodland tickseed, Harper's dodder, delicate spike (3), Boykin's lobelia	110, 120	Bear Creek, Little River

Table M-2. Continued.

Hexagon ID	Type	# of EORs	Species Occurring in Hexagon		Subwatersheds Covered	
			Scientific Name	Common Name	HUC	Name
15071	critical	2	*Lonicera flava, Sarracenia oreophila*	yellow honeysuckle, green pitcher plant	110, 120	Bear Creek, Little River
15073	imperiled	5	*Allium speculae* (2), *Bigelowia nuttallii* (2), *Bigelowia nuttallii - Coreopsis pulchra - Liatris microcephala*	Little River Canyon onion (2), Nuttall's rayless goldenrod (2), sandstone glade	110	Bear Creek
15168	imperiled	1	*Fothergilla major*	mountain witch-alder	110, 120	Bear Creek, Little River
15169	critical	8	*Amelanchier arborea, Bigelowia nuttallii, Coreopsis pulchra, Cuscuta harperi, Elliptio arctata* (2), *Polygonella americana, Rudbeckia heliopsidis*	downy serviceberry, Nuttall's rayless goldenrod, woodland tickseed, Harper's dodder, delicate spike (2), southern jointweed, sun-facing coneflower	110, 120	Bear Creek, Little River
15170	imperiled	2	*Bigelowia nuttallii, Cuscuta harperi*	Nuttall's rayless goldenrod, Harper's dodder	110, 120	Bear Creek, Little River
15171	imperiled	9	*Allium speculae* (2), *Bigelowia nuttallii* (3), *Cuscuta harperi* (2), *Rudbeckia heliopsidis* (2)	Little River Canyon onion (2), Nuttall's rayless goldenrod (3), Harper's dodder (2), sun-facing coneflower (2)	110	Bear Creek
15173	imperiled	4	*Allium speculae, Bigelowia nuttallii, Bigelowia nuttallii - Coreopsis pulchra - Liatris microcephala, Lindernia monticola*	Little River Canyon onion, Nuttall's rayless goldenrod, sandstone glade, Piedmont pimpernel	110	Bear Creek
15174	rare	1	*Lonicera flava*	yellow honeysuckle	110	Bear Creek
15268	critical	17	*Allium speculae* (2), *Aster spectabilis, Bigelowia nuttallii - Coreopsis pulchra - Liatris microcephala, Bigelowia nuttallii* (2), *Coreopsis pulchra, Cuscuta harperi* (2), *Diamorpha smallii, Fimbristylis brevivaginata, Panicum lithophilum, Ribes cynosbati, Rudbeckia heliopsidis, Sabatia capitata, Schoenolirion croceum* (2)	Little River Canyon onion (2), showy aster, sandstone glade, Nuttall's rayless goldenrod (2), woodland tickseed, Harper's dodder (2), elf orpine, glade fimbristylis, Swallen's panic-grass, prickly gooseberry, sun-facing coneflower, rose gentian, yellow sunnybell (2)	110, 120	Bear Creek, Little River
15367	critical	1	*Ribes cynosbati*	prickly gooseberry	110, 120, 130	Bear Creek, Little River, Spring Creek
15369	critical	8	*Cuscuta harperi, Isotria verticillata, Nestronia umbellula, Pituophis melanoleucus melanoleucus, Sarracenia oreophila* (4)	Harper's dodder, large whorled pogonia, nestronia, northern pine snake, green pitcher plant (4)	110	Bear Creek
15466	critical	2	*Sarracenia oreophila* (2)	green pitcher plant (2)	120, 130	Little River, Spring Creek
15467	imperiled	1	*Allium speculae*	little river canyon onion	110, 120, 130	Bear Creek, Little River, Spring Creek
15468	critical	13	*Allium speculae, Bigelowia nuttallii, Coreopsis pulchra, Cuscuta harperi, Fontinalis welchiana, Isotria verticillata, Lindernia monticola, Lonicera flava, Ptilimnium nodosum, Rudbeckia heliopsidis* (2), *Sarracenia oreophila* (2)	Little River Canyon onion, Nuttall's rayless goldenrod, woodland tickseed, Harper's dodder, difficult moss, large whorled pogonia, Piedmont pimpernel, yellow honeysuckle, harperella, sun-facing coneflower (2), green pitcher plant (2)	110, 120	Bear Creek, Little River
15469	critical	2	*Nestronia umbellula, Sarracenia oreophila*	nestronia, green pitcher plant	110	Bear Creek

Table M-2. Continued.

Hexagon ID	Type	# of EORs	Species Occurring in Hexagon		Subwatersheds Covered	
			Scientific Name	Common Name	HUC	Name
15571	imperiled	1	*Rudbeckia heliopsidis*	sun-facing coneflower	110	Bear Creek
15572	imperiled	2	*Stewartia ovata, Talinum mengesii*	mountain camellia, Menge's fame-flower	110	Bear Creek
15666	critical	8	*Allium speculae, Ptilimnium nodosum, Rudbeckia heliopsidis, Sarracenia oreophila* (5)	Little River Canyon onion, harperella, sun-facing coneflower, green pitcher plant (5)	110, 120	Bear Creek, Little River
15671	critical	1	*Castilleja coccinea*	scarlet Indian paintbrush	110	Bear Creek
15673	imperiled	5	*Bigelowia nuttallii, Coreopsis pulchra, Lonicera flava, Pyrularia pubera, Schoenolirion croceum*	Nuttall's rayless goldenrod, woodland tickseed, yellow honeysuckle, buffalo-nut, yellow sunnybell	110	Bear Creek
15765	imperiled	1	*Nestronia umbellula*	nestronia	110, 120	Bear Creek, Little River
15766	critical	2	*Sarracenia oreophila* (2)	green pitcher plant (2)	110, 120	Bear Creek, Little River
15773	rare	1	*Lindernia monticola*	piedmont pimpernel	110	Bear Creek
15863	critical	2	*Allium speculae, Sagittaria secundifolia*	Little River Canyon onion, Little River arrow-head	050, 120	Mills Creek, Little River
15864	critical	2	*Allium speculae, Sarracenia oreophila*	Little River Canyon onion, green pitcher plant	110, 120	Bear Creek, Little River
15865	critical	2	*Rudbeckia heliopsidis, Sagittaria secundifolia*	sun-facing coneflower, Little River arrow-head	110, 120	Bear Creek, Little River
15964	imperiled	1	*Rudbeckia heliopsidis*	sun-facing coneflower	110, 120	Bear Creek, Little River
16064	imperiled	1	*Rudbeckia heliopsidis*	sun-facing coneflower	100, 110, 120	East Fork of the Little River, Bear Creek, Little River
16165	critical	1	*Ptilimnium nodosum*	harperella	080, 100, 110, 120	West Fork of the Little River, East Fork of the Little River, Bear Creek, Little River
16173	critical	4	*Aster spectabilis, Bigelowia nuttallii, Helianthus longifolius, Rudbeckia heliopsidis*	showy aster, Nuttall's rayless goldenrod, longleaf sunflower, sun-facing coneflower	110	Bear Creek
16270	imperiled	3	*Bigelowia nuttallii, Coreopsis pulchra* (2)	Nuttall's rayless goldenrod, woodland tickseed (2)	080, 110	West Fork of the Little River, Bear Creek
16271	imperiled	5	*Bigelowia nuttallii* (2), *Coreopsis pulchra, Cuscuta harperi, Talinum mengesii*	Nuttall's rayless goldenrod (2), woodland tickseed, Harper's dodder, Menge's fame-flower	110	Bear Creek
16467	critical	4	*Coreopsis pulchra, Melanthium parviflorum, Pyrularia pubera, Sarracenia oreophila*	woodland tickseed, small-flowered false hellebore, buffalo-nut, green pitcher plant	080	West Fork of the Little River
16468	critical	12	*Agapetus spinosus, Bigelowia nuttallii, Ceraclea alabamae, Ceraclea alces, Cheumatopsyche helma, Coreopsis pulchra, Pyrularia pubera, Ribes curvatum, Rudbeckia heliopsidis, Sarracenia oreophila, Talinum mengesii, Wormaldia shawnee*	caddisfly, Nuttall's rayless goldenrod, caddisfly, caddisfly, Helma's cheumatopsyche caddisfly, woodland tickseed, buffalo-nut, granite gooseberry, sun-facing coneflower, green pitcher plant, Menge's fame-flower, caddisfly	080	West Fork of the Little River
16569	critical	3	*Coreopsis pulchra, Cypripedium acaule, Melanthium parviflorum*	woodland tickseed, pink lady's-slipper, small-flowered false hellebore	080	West Fork of the Little River
16571	imperiled	1	*Talinum mengesii*	Menge's fame-flower	080, 03150106050	West Fork of the Little River, Upper Big Wills Creek

Table M-2. Continued.

Hexagon ID	Type	# of EORs	Species Occurring in Hexagon		Subwatersheds Covered	
			Scientific Name	Common Name	HUC	Name
16671	critical	3	*Litocampa valentinei, Myotis grisescens, Pseudanophthalmus alabamae*	a cave obligate bristletail, gray bat, a ground beetle	080, 03150106050	West Fork of the Little River, Upper Big Wills Creek
16760	critical	1	*Aneides aeneus*	green salamander	100	East Fork of the Little River
16867	critical	2	*Sarracenia oreophila* (2)	green pitcher plant (2)	080, 100	West Fork of the Little River, East Fork of the Little River
16960	imperiled	1	*Pyrularia pubera*	buffalo-nut	100	East Fork of the Little River
16964	critical	1	*Theliopsyche melas*	caddisfly	100	East Fork of the Little River
16966	critical	1	*Sarracenia oreophila*	green pitcher plant	080, 100	West Fork of the Little River, East Fork of the Little River
16968	critical	2	*Juglans cinerea, Sagittaria secundifolia*	butternut, Little River arrow-head	080	West Fork of the Little River
17066	critical	2	*Sabatia capitata, Sarracenia oreophila*	rose gentian, green pitcher plant	080, 100	West Fork of the Little River, East Fork of the Little River
17067	critical	4	*Bigelowia nuttallii, Cuscuta harperi* (2), *Sarracenia oreophila*	Nuttall's rayless goldenrod, Harper's dodder (2), green pitcher plant	080	West Fork of the Little River
17263	imperiled	1	*Rudbeckia heliopsidis*	sun-facing coneflower	080, 100	West Fork of the Little River, East Fork of the Little River
17268	imperiled	1	*Viola canadensis*	Canada violet	080, 03150106050	West Fork of the Little River, Upper Big Wills Creek

APPENDIX N. Populated Place Locations and Nearby EORs in the Upper Coosa River Watershed.

Table N-1. Populated place locations identified from the EPA BASINS data in the Upper Coosa River watershed, Alabama. The hydrologic unit code (HUC) is the 3-digit subwatershed code of the 11-digit HUC; the first 8 digits are the same (03150105) for all UCR subwatersheds.

Populated Place	County	HUC
Adams Crossroads	Cherokee	200
Adamsburg	DeKalb	110
Alexis	Cherokee	180
Alpine	DeKalb	080
Alpine Shores	Cherokee	180
Anderson (subdivision)	Cherokee	140
Antioch	Cherokee	060
Antioch Estates (subdivision)	Cherokee	130
Aubrey Isle	Cherokee	140
Bankhead	DeKalb	100
Bay Springs	Cherokee	200
Bay View Estates (subdivision)	Cherokee	140
Berry Springs	Cherokee	050
Big Nose Creek Subdivision (subdivision)	Cherokee	200
Billy Goat Hill	Cherokee	200
Blanche	Cherokee	130
Blue Pond	Cherokee	140
Bluffton	Cherokee	240
Bomar	Cherokee	200
Borden Springs	Cleburne	220
Borden Wheeler Springs	Cleburne	220
Bristow	Cherokee	140
Brooks Estates (subdivision)	Cherokee	200
Broomtown	Cherokee	050
Burgess	Cherokee	050
Burkhalter Subdivision (subdivision)	Cherokee	200
Cedar Bluff	Cherokee	180
Centre	Cherokee	200
Chesterfield	Cherokee	050
Congo	Cherokee	120
Coosa River Subdivision (subdivision)	Cherokee	270
Cornwall (subdivision)	Cherokee	060
Cornwall Furnace	Cherokee	060
Dewey	Cherokee	050
Dixon Shop	Cherokee	270
Dog Town	DeKalb	110
Ellisville	Cherokee	250

Table N-1. Continued.

Populated Place	County	HUC
Elrath	Cherokee	270
Ewing	Cherokee	140
Exie	Cherokee	200
Farill	Cherokee	180
Ferguson	Cherokee	200
Fisher Crossroads	DeKalb	110
Five Points	Cherokee	100
Forney	Cherokee	200
Frog Mountain	Cherokee	250
Fullerton	Cherokee	030
Gaylesville	Cherokee	060
Grantley	Cleburne	220
Grassland	Cherokee	130
Greenwood	Calhoun	220
Griffin (subdivision)	Cherokee	140
Grover	Cherokee	050
Hall Valley	Cherokee	180
Hopewell	Cherokee	140
Howells Crossroads	Cherokee	200
Hurley	Cherokee	130
Jamestown	Cherokee	050
Key	Cherokee	200
Kirks Grove	Cherokee	180
Ladiga	Calhoun	220
Lake Howard	DeKalb	080
Lawrence	Cherokee	180
Leesburg	Cherokee	140
Leonard	Cherokee	140
Lickskillet	DeKalb	110
Little River	Cherokee	110
Lookout Valley Acres (subdivision)	Cherokee	140
Loveless	DeKalb	110
Mackey	Cherokee	140
Maple Grove	Cherokee	270
Mars Hill	Cleburne	220
McCord Crossroads	Cherokee	200
McElrath Subdivision (subdivision)	Cherokee	180
McFrey Crossroads	Cherokee	220
McGhee	Cherokee	200
McWorther Subdivision (subdivision)	Cherokee	180
Meadows Estates (subdivision)	Cherokee	180
Mentone	DeKalb	080
Moshat	Cherokee	250

Table N-1. Continued.

Populated Place	County	HUC
Mount Vernon	DeKalb	140
Mountain Acres	Cherokee	060
Mountain Lake Estates (subdivision)	Cherokee	140
Nances Creek	Calhoun	220
New Moon	Cherokee	050
Newberry Cove	Cherokee	200
Newberry Crossroads	Cherokee	200
Noah	Cherokee	200
Northwood Estates (subdivision)	Cherokee	200
Oak Level	Cleburne	220
Oceola	Cherokee	180
Old Coloma	Cherokee	250
Palestine	Cleburne	220
Pathkiller Cove	Cherokee	200
Philadelphia	Calhoun	220
Piedmont	Calhoun	220
Piney	Cherokee	200
Plano	Cherokee	260
Pleasant Gap	Cherokee	240
Pope	Cherokee	250
Powell	DeKalb	140
Pumpkin Center	DeKalb	110
Richardson	Cherokee	140
Ringgold	Cherokee	130
Riverdale	DeKalb	080
Roberts Subdivision (subdivision)	Cherokee	200
Rock Run	Cherokee	240
Round Mountain	Cherokee	140
Sand Rock	Cherokee	140
Sandy Springs	Cherokee	200
Sanford Springs	Cherokee	250
Sewell Subdivision (subdivision)	Cherokee	180
Shangrila	Cherokee	130
Sigsbee	DeKalb	110
Spring Garden	Cherokee	240
Summer Estates (subdivision)	Cherokee	180
Taft	Cherokee	120
Taylor Ford	DeKalb	080
Tecumseh	Cherokee	240
Tecumseh Furnace	Cherokee	240
Tennala	Cherokee	250
Tucker Crossroads	Cherokee	200
Vigo	Calhoun	220

Table N-1. Continued.

Populated Place	County	HUC
Waterhouse	Cherokee	180
Waterloo Springs	Cherokee	130
Watson	Cherokee	130
Weiss Dam	Cherokee	200
Whorton	Cherokee	200
Yellow Creek View Subdivision (subdivision)	Cherokee	140

Table N-2. Alabama Natural Heritage Program℠ Element Occurrence Records in the Upper Coosa River (UCR) watershed within 1 km of populated place locations (PPL) or urban clusters (UC) identified from EPA BASINS and TIGER/line data. The hydrologic unit code (HUC) is the 3-digit subwatershed code of the 11-digit HUC; the first 8 digits are the same (03150105) for all UCR subwatersheds.

HUC	Major Taxonomic Group	EO Code	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	USGS Topographic Quadrangle	Section	Date Last Observed	Closest PPL or UC
80	Vascular Plants	PDAST19020*008*AL	*Bigelowia nuttallii*	Nuttall's rayless goldenrod	G3G4	S3			Jamestown	20	7/27/2000	Alpine
80	Vascular Plants	PDAST2L0S0*020*AL	*Coreopsis pulchra*	woodland tickseed	G2	S2			Jamestown	19	7/27/2000	Alpine
80	Vascular Plants	PDAST85070*002*AL	*Rudbeckia heliopsidis*	sun-facing coneflower	G2	S2			Valley Head	35	8/10/1973	Bankhead
80	Vascular Plants	PDAST85070*010*AL	*Rudbeckia heliopsidis*	sun-facing coneflower	G2	S2			Jamestown	20	7/15/1987	Alpine
80	Vascular Plants	PDSAR02050*006*AL	*Sarracenia oreophila*	green pitcher plant	G2	S2	LE		Jamestown	19,20	7/25/2000	Alpine
110	Vascular Plants	PDASTEB0U0*003*AL	*Aster spectabilis*	showy aster	G5	S2			Fort Payne	2	10/8/1969	Fort Payne
110	Vascular Plants	PDAST19020*007*AL	*Bigelowia nuttallii*	Nuttall's rayless goldenrod	G3G4	S3			Fort Payne	2	8/29/1969	Fort Payne
110	Vascular Plants	PDAST2L0S0*004*AL	*Coreopsis pulchra*	woodland tickseed	G2	S2			Little River	10	10/14/1979	Little River
110	Vascular Plants	PDCUS010U0*005*AL	*Cuscuta harperi*	Harper's dodder	G2	S2			Little River	10	10/14/1979	Little River
110	Vascular Plants	PMCYP061E0*001*AL	*Cyperus granitophilus*	granite-loving flatsedge	G3Q	S2			Little River	10	10/14/1979	Little River
110	Vascular Plants	PDAST4N0U0*001*AL	*Helianthus longifolius*	longleaf sunflower	G3	S1S2			Fort Payne	2	3/18/1969	Fort Payne
110	Vascular Plants	PDPGN0K010*003*AL	*Polygonella americana*	southern jointweed	G5	S1			Little River	3	9/3/1971	Little River
110	Vascular Plants	PDAPI1Y040*005*AL	*Ptilimnium nodosum*	harperella	G2	S1	LE		Little River	3	8/20/1990	Little River
110	Vascular Plants	PDAST85070*003*AL	*Rudbeckia heliopsidis*	sun-facing coneflower	G2	S2			Fort Payne	2	8/29/1969	Fort Payne
110	Vascular Plants	PDAST85070*005*AL	*Rudbeckia heliopsidis*	sun-facing coneflower	G2	S2			Little River	3	9/7/1994	Little River
120	Vascular Plants	PDAPI1Y040*007*AL	*Ptilimnium nodosum*	harperella	G2	S1	LE		Little River	3	8/15/1981	Little River
120	Vascular Plants	PMALI040U0*007*AL	*Sagittaria secundifolia*	Little River arrow-head	G1	S1	LT		Little River	3	8/15/1981	Little River
130	Fish	AFCJB49020*011*AL	*Cyprinella caerulea*	blue shiner	G2	S1	LT	SP	Centre	23	10/28/1958	Shangrila
130	Fish	AFCQC04110*007*AL	*Percina lenticula*	freckled darter	G2	S2S3			Centre	23	10/28/1958	Shangrila

Table N-2. Continued.

HUC	Major Taxonomic Group	EO Code	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	USGS Topographic Quadrangle	Section	Date Last Observed	Closest PPL or UC
140	Mussels	IMBIV35110*008*AL	*Pleurobema decisum*	southern clubshell	G1G2	S1S2	LE	SP	Leesburg	11	8/17/1986	Leesburg
200	Birds	ABNKC10010*015*AL	*Haliaeetus leucocephalus*	bald eagle	G4	S3B	PS [a]	SP	Cedar Bluff, Centre	6	4/18/2001	Pathkiller Cove
220	Fish	AFCQC02190*003*AL	*Etheostoma ditrema*	coldwater darter	G1G2	S1		SP	Piedmont	28	11/7/1986	Ladiga
220	Insects	IITRIA3010*001*AL	*Neophylax acutus*	caddisfly	G?	S1			Piedmont SE	36		Grantley
220	Reptiles	ARADB26012*012*AL	*Pituophis melanoleucus melanoleucus*	northern pine snake [b]	G4T4	S3			Piedmont	8	5/16/1976	Piedmont
250	Fish	AFCQC04200*002*AL	*Percina palmaris*	bronze darter	G4	S3			Ellisville	20	4/16/1966	Ellisville
250	Mussels	IMBIV16100*003*AL	*Epioblasma metastriata*	upland combshell	GH	SH	LE	SP	Ellisville	20	3/21/1968	Ellisville
250	Mussels	IMBIV21010*006*AL	*Lampsilis altilis*	fine-lined pocketbook	G2	S2	LT	SP	Ellisville	20	9/21/1968	Ellisville
250	Vascular Plants	PPADI09020*002*AL	*Cheilanthes alabamensis*	Alabama lip-fern	G4G5	S3			Ellisville	31	7/7/1966	Old Coloma
250	Vascular Plants	PDRAN08130*003*AL	*Clematis socialis*	Alabama leather-flower	G1	S1	LE		Ellisville	32	5/14/1999	Moshat
250	Vascular Plants	PDFAB1A0N0*015*AL	*Dalea gattingeri*	Gattinger's prairie clover	G3G4	S3			Ellisville	20	6/2/1996	Ellisville
250	Vascular Plants	PDORO040F0*004*AL	*Orobanche uniflora*	one-flowered broomrape	G5	S2			Ellisville	31	5/6/1980	Old Coloma
250	Vascular Plants	PDLAM1N0J0*003*AL	*Pycnanthemum virginianum*	Virginia mountain mint	G5	S1			Ellisville	32	5/14/1999	Moshat
250	Vascular Plants	PMCYP0N2H0*001*AL	*Rhynchospora colorata*	white-top sedge	G5	S3S4			Ellisville	32	7/20/1992	Moshat

[a] – LT throughout range; proposed for delisting 6 July 1999. Federal status is categorized by state/region, rather than by subspecies. Listed as Threatened in the conterminous U.S.; not federally classified as Endangered anywhere as of mid-1995.

[b] – Located within the Piedmont urban cluster.

APPENDIX O. Discharge Sites Identified from EPA's Better Assessment Science Integrating point and Nonpoint Sources (BASINS) Data in the Upper Coosa River Watershed and Alabama Natural Heritage Program[SM] Element Occurrence Records <1 km from the discharge sites.

Table O-1. National Pollutant Discharge Elimination System (NPDES) permit compliance system (PCS) sites identified from EPA BASINS data in the Upper Coosa River watershed, Alabama. The hydrologic unit code (HUC) is the 3-digit subwatershed code of the 11-digit HUC; the first 8 digits are the same (03150105) for all UCR subwatersheds.

Facility Name	City	County	HUC	Status	Principal Activity Causing the Discharge	Receiving Water
AL Power - Weiss Hydro Plant	Leesburg	Cherokee	260	inactive	electrical services	Coosa River
Cedar Bluff Utility - Lagoon	Cedar Bluff	Cherokee	060	active	sewerage systems	Chattooga River Weiss Reservoir
Cherokee County - Wa Leesburg	Leesburg	Cherokee	140	active	sewerage systems	Coosa River
City Of Piedmont Waste Water Treatment Plant	Piedmont	Calhoun	220	active	sewerage systems	Nances Creek
Covington Stone Company Leesburg Quarry	Cherokee County	Cherokee	140	inactive	crushed and broken limestone	tributary to Weiss Lake
DeKalb County Board of Education - Geraldine High School	Geraldine	De Kalb	110	active	elementary & secondary schools	tributary to Little Scarham Creek
GA Glove Co. - Lyerly	Lyerly	Chattooga	050	inactive	surgical appliances & supplies	Chattooga River
McCartney Construction Company - Ellis Pit	Cherokee County	Cherokee	250	active	crushed and broken limestone	tributary to Terrapin Creek
Shaw Industries Inc.	Valley Head	De Kalb	080	active	yarn spin mills: cotton, man-made fiber	tributary of Big Wills Creek
Town of Centre Waste Water Sewage Board Lagoon	Centre	Cherokee	270	active	sewerage systems	Coosa River
Wheeling Corrugating Company	Fort Payne	De Kalb	110	active	metal coating & allied services	Allen Branch

Table O-2. Alabama Natural Heritage Program[SM] Element Occurrence Records ≤1 km from National Pollutant Discharge Elimination System permitted discharge sites identified from EPA's Better Assessment Science Integrating point and Nonpoint Sources (BASINS) dataset within the Upper Coosa River watershed. The hydrologic unit code (HUC) is the 3 digit subwatershed code of the 11-digit HUC; all are within the same basin – 03150105.

Major Group	EO Code	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	HUC	County	Closest Facility Name
Fish	AFCQC02190*007*AL	*Etheostoma ditrema*	coldwater darter	G1G2	S1		SP	220	Calhoun	City Of Piedmont Waste Water Treatment Plant
Mussels	IMBIV35110*008*AL	*Pleurobema decisum*	southern clubshell	G1G2	S1S2	LE	SP	140	Cherokee	Cherokee County Wa Leesburg
Vascular Plants	PDAST19020*029*AL	*Bigelowia nuttallii*	Nuttall's rayless goldenrod	G3G4	S3			080	De Kalb	Shaw Industries Inc.
Vascular Plants	PDRAN08130*002*AL	*Clematis socialis*	Alabama leather-flower	G1	S1	LE		250	Cherokee	McCartney Construction Co. Ellis Pit
Vascular Plants	PDCUS010U0*003*AL	*Cuscuta harperi*	Harper's dodder	G2	S2			080	De Kalb	Shaw Industries Inc.
Vascular Plants	PDCUS010U0*027*AL	*Cuscuta harperi*	Harper's dodder	G2	S2			140	Cherokee	Covington Stone Co. Leesburg Quarry
Vascular Plants	PDCUS010U0*033*AL	*Cuscuta harperi*	Harper's dodder	G2	S2			080	De Kalb	Shaw Industries Inc.
Vascular Plants	PDFAB1A0N0*001*AL	*Dalea gattingeri*	Gattinger's prairie clover	G3G4	S3			250	Cherokee	McCartney Construction Co. Ellis Pit
Vascular Plants	PDCLU030J0*001*AL	*Hypericum dolabriforme*	straggling St. John's-wort	G4	SH			250	Cherokee	McCartney Construction Co. Ellis Pit
Vascular Plants	PDAST68040*001*AL	*Marshallia mohrii*	Mohr's Barbara's buttons	G3	S3	LT		250	Cherokee	McCartney Construction Co. Ellis Pit
Vascular Plants	PDAST68040*056*AL	*Marshallia mohrii*	Mohr's Barbara's buttons	G3	S3	LT		250	Cherokee	McCartney Construction Co. Ellis Pit
Vascular Plants	PDLAM1N0J0*002*AL	*Pycnanthemum virginianum*	Virginia mountain mint	G5	S1			250	Cherokee	McCartney Construction Co. Ellis Pit
Vascular Plants	PDGEN0F090*005*AL	*Sabatia capitata*	rose gentian	G2	S2			080	De Kalb	Shaw Industries Inc.
Vascular Plants	PDSAR02050*007*AL	*Sarracenia oreophila*	green pitcher plant	G2	S2	LE		080	De Kalb	Shaw Industries Inc.
Vascular Plants	PDSAR02050*023*AL	*Sarracenia oreophila*	green pitcher plant	G2	S2	LE		080	De Kalb	Shaw Industries Inc.

Table O-3. Industrial Facilities Discharge sites identified from EPA BASINS data in the Upper Coosa River watershed. The hydrologic unit code (HUC) is the 3-digit subwatershed code of the 11-digit HUC; the first 8 digits are the same (03150105) for all UCR subwatersheds.

Facility name	City	County	Receiving Water	HUC	Number of discharges	NPDES Number
Allied Association Coal Lot 202	-	DeKalb	East Fork Little River	100	1	GA0032689
Brown Brothers Coal - Pit #1	Fort Payne	DeKalb	Little Willis Valley Branch	110	1	AL0030473
Canamex Coal - Cloudland	Cloudland	DeKalb	West Fork Little River	100	1	GA0033367
Cedar Bluff Waste Water Treatment Plant	Fort Payne	Cherokee	Chattooga River to Weiss Lake	180	1	AL0024678
Centre Sewage Treatment Plant	Centre	Cherokee	Coosa River	200	1	AL0024139
Covington Stone - Leesburg Quarry	-	Cherokee	tributary to Weiss Lake	140	0	AL0060143
Crompton Leesburg	Leesburg	Cherokee	tributary to Weiss Lake	140	1	AL0026263
De Soto State Park	Fort Payne	DeKalb	Brush Creek	080	1	AL0026701
Georgia Glove Co. - Lyerly	Lyerly	Cherokee	Chattooga River	050	1	GA0023680
Invesco International - #4 No Robbins	Bryant	DeKalb	Town Creek	110	2	AL0028088
Invesco International - Wilborn Robins	Fort Payne	DeKalb	tributary to Big Willis Creek	110	1	AL0027391
Lookout Mountain Coal - Cloudland GA	-	DeKalb	Little River	100	1	GA0032476
Mobile Fuel Shipping - #2 Pit	Mentone	DeKalb	Little River	080	1	AL0028444
Mobile Fuel Shipping - #3 Pit	Mentone	DeKalb	Little River	080	1	AL0028452
Mobile Fuel Shipping - Pit #1	Mentone	DeKalb	Gilbert Branch	080	1	AL0041238
Morcoal Inc., Menlo	-	Cherokee	Little River	050	1	GA0032743
Piedmont Lagoon	Piedmont	Calhoun	Nances Creek	220	1	AL0024376
Prater Mining - Cloudland	Cloudland	DeKalb	East Fork Little River	100	1	GA0032824

Table O-4. Alabama Natural Heritage Program[SM] Element Occurrence Records ≤1 km from Industrial Facilities Discharge sites identified from EPA's Better Assessment Science Integrating point and Nonpoint Sources (BASINS) dataset within the Upper Coosa River watershed. The hydrologic unit code (HUC) is the 3 digit subwatershed code of the 11-digit HUC; all are within the same basin – 03150105. None of the species have federal or state protection.

Major Group	EO Code	Scientific Name	Common Name	Global Rank	State Rank	HUC	County	Closest Facility Name
Vascular Plants	PDAST19020*006*AL	*Bigelowia nuttallii*	Nuttall's rayless goldenrod	G3G4	S3	110	De Kalb	Brown Brothers Coal – Pit #1
Vascular Plants	PDSCR0D0J0*002*AL	*Castilleja coccinea*	scarlet Indian paintbrush	G5	S1	110	De Kalb	Brown Brothers Coal – Pit #1
Vascular Plants	PDAST2L0S0*011*AL	*Coreopsis pulchra*	woodland tickseed	G2	S2	110	De Kalb	Brown Brothers Coal – Pit #1
Vascular Plants	PDCUS010U0*027*AL	*Cuscuta harperi*	Harper's dodder	G2	S2	140	Cherokee	Covington Stone - Leesburg Quarry
Vascular Plants	PDCPR030A0*008*AL	*Lonicera flava*	yellow honeysuckle	G5?	S3	110	De Kalb	Brown Brothers Coal – Pit #1
Vascular Plants	PDSAN06010*003*AL	*Pyrularia pubera*	buffalo-nut	G5	S2	110	De Kalb	Brown Brothers Coal – Pit #1
Vascular Plants	PMLIL1S020*001*AL	*Schoenolirion croceum*	yellow sunnybell	G4	S2	110	De Kalb	Brown Brothers Coal – Pit #1
Vascular Plants	PDTHC06020*008*AL	*Stewartia ovata*	mountain camellia	G4	S2S3	110	De Kalb	Brown Brothers Coal – Pit #1
Vascular Plants	PDPOR080C0*007*AL	*Talinum mengesii*	Menge's fame-flower	G3	S2S3	110	De Kalb	Brown Brothers Coal – Pit #1

Table O-5. EPA/OSW Resource Conservation and Recovery Information System (RCRIS) for the United States hazardous and solid waste sites identified from EPA BASINS data in the Upper Coosa River watershed. The hydrologic unit code (HUC) is the 3-digit subwatershed code of the 11-digit HUC; the first 8 digits are the same (03150105) for all UCR subwatersheds.

Facility Name	City	HUC	Land Type
Burkhalter Pontiac Buick GMC Inc.	Centre	200	-
Cherokee Flying Service	Centre	200	private
Brown's Cleaning and Laundry	Fort Payne	110	-
Garcy Corporation Alabama	Piedmont	220	-
Game Time Inc.	Fort Payne	110	private
CSX Transportation	Piedmont	220	-
Bama Waste Oil	Piedmont	220	-
Merico Inc Earth Grains Division	Fort Payne	110	private
Jim Bouchillon	Centre	200	-
Bowman Metal Deck Division	Fort Payne	110	-
Unique Plating Co. Inc.	Piedmont	220	-
Schuler Industries Inc.	Fort Payne	110	-
Rollins Leasing Corporation - 373	Fort Payne	110	private
Gene Gowen Body Shop Inc	Piedmont	220	private
Young Oil Inc.	Piedmont	220	private
Williamson Oil Bulk Plant	Fort Payne	110	-
Cedar Bluff Oil Co.	Cedar Bluff	140	-
Cherokee Auto Parts - Machine	Centre	200	-
Merrill's Cars & Parts	Piedmont	220	private
Piedmont Salvage & Body Shop	Piedmont	220	private
Ford Body Shop	Piedmont	220	private
Vulcraft	Fort Payne	110	private
Metals Recycling	Centre	200	private
Springs Industries - 5th Avenue	Piedmont	220	private
Springs Industries - 278 West	Piedmont	220	-

Table O-6. Toxic Release Inventory sites identified from EPA BASINS data in the Upper Coosa River watershed. The hydrologic unit code (HUC) is the 3-digit subwatershed code of the 11-digit HUC; the first 8 digits are the same (03150105) for all UCR subwatersheds.

Facility Name	City	County	HUC	Principal Activity Causing the Discharge
Anheuser-Busch Inc. - Earth Grains Division	Fort Payne	DeKalb	110	Bread and Other Bakery Products, Except Cookies and Crackers
Chi-Vit Corporation	Leesburg	Cherokee	140	Chemicals and Chemical Preparations, NEC
Heil Co.	Fort Payne	DeKalb	110	Truck and Bus Bodies
Nucor Corporation - Vulcraft Division	Fort Payne	DeKalb	110	Fabricated Structural Metal
Valley Joist	Fort Payne	DeKalb	110	Fabricated Structural Metal

Table O-7. Mines identified from EPA BASINS data in the Upper Coosa River watershed. The hydrologic unit code (HUC) is the 3-digit subwatershed code of the 11-digit HUC; the first 8 digits are the same (03150105) for all UCR subwatersheds.

County	Name	Type of Operation	Operating Status	Commodity	Company	HUC
Bartow	Chulafinnee Mine-Lot 1050	surface	past producer	iron	CM Jones Property - Owner	270
Berrien	Wood Property	surface	experimental prospect	aluminum		240
Blount	Byrd Prospect	unknown	raw prospect	iron		240
Blount	unnamed prospect	surface	experimental prospect	iron		220
Calhoun	Alabama Mineral Land Co. Prospect	unknown	experimental prospect	aluminum & clay		220
Calhoun	Borden Prospect	unknown	raw prospect	aluminum		220
Calhoun	Cowan Prospect	surface	experimental prospect	manganese & iron	Bill Cowan	220
Calhoun	Dothard Prospect	unknown	experimental prospect	aluminum & clay	Alabama Mineral Land Co. Prospect 2	220
Calhoun	Horace Davis Prospect	surface	past producer	manganese & iron	Talladega National Forest	220
Calhoun	McClellan Prospect	unknown	raw prospect	aluminum		220
Calhoun	Mundy Brown Iron Deposit	unknown	raw prospect	iron		220
Calhoun	Stewart Mine	surface	producer	clay	Frame Brick and Tile Company	220
Calhoun	unnamed	surface	unknown	iron		220
Calhoun	unnamed	surface	unknown	iron		220
Calhoun	unnamed	surface	unknown	iron		220
Calhoun	unnamed	surface	unknown	iron		220
Calhoun	unnamed	surface	unknown	iron		220
Calhoun	unnamed	surface	unknown	iron		220
Calhoun	unnamed	surface	unknown	iron		220
Calhoun	unnamed	surface	unknown	iron		220
Calhoun	unnamed	surface	unknown	iron		220
Calhoun	unnamed	surface	unknown	iron		220
Calhoun	unnamed	surface	unknown	iron		220
Calhoun	unnamed	surface	unknown	iron		220
Calhoun	unnamed	surface	unknown	iron		220
Calhoun	unnamed	surface	unknown	iron		220
Calhoun	unnamed prospect	surface-underground	experimental prospect	aluminum		220
Calhoun	unnamed prospect	unknown	raw prospect	iron		220
Calhoun	William Cowan Mine	surface	past producer	iron		220
Calhoun	Woodward Iron Property	surface	experimental prospect	manganese		220
Cherokee	Arrington Pit	surface	experimental prospect	manganese & iron	Sidney Hart	240
Cherokee	Asbury Prospect 1	surface	experimental prospect	aluminum & clay		200
Cherokee	Baker Hill	surface	unknown	iron		240
Cherokee	Barfield Bauxite Mine	surface	past producer	aluminum		140

Table O-7. Continued.

County	Name	Type of Operation	Operating Status	Commodity	Company	HUC
Cherokee	Bogan Mine	surface	past producer	aluminum		200
Cherokee	Bustup	surface	unknown	iron	Texas Cut	240
Cherokee	Bust-Up Mine	surface	past producer	aluminum	Burst-Up Mine	240
Cherokee	Carr Mine	surface	past producer	aluminum	White Mine	200
Cherokee	Central Rock Run Area	surface	past producer	aluminum		240
Cherokee	Che 6 Clay Prospect	unknown	experimental prospect	clay		130
Cherokee	Che 7 Clay Prospect	unknown	experimental prospect	clay		140
Cherokee	Che 9 Clay Prospect	unknown	experimental prospect	clay		250
Cherokee	Cherokee County Highway Department	surface	producer	sand & gravel	Cherokee County Highway Department	200
Cherokee	Daughdrill Prospect - Rock Run A.	surface	experimental prospect	manganese	W. E. & C. E. Daughdrill	240
Cherokee	Davis Property	surface	raw prospect	manganese	R W Davis	220
Cherokee	Dockage	surface	unknown	iron		240
Cherokee	Dupont	surface	past producer	aluminum	Snyder Mine	250
Cherokee	Emerson Pit	surface-underground	past producer	manganese	Sidney Hart	240
Cherokee	Emmett Sharpe Iron Property	surface	past producer	iron		200
Cherokee	Erwin Brown Ore Pit	surface	past producer	manganese & iron	Rock Run Mining Co.	240
Cherokee	Erwin Pit	surface	experimental prospect	manganese & iron	C. L. Erwin	240
Cherokee	Estes Prospect	surface	experimental prospect	aluminum & clay		200
Cherokee	Frog Mountain	surface	unknown	iron		250
Cherokee	Gaines Hill Mine	surface	past producer	aluminum		240
Cherokee	Garvin Prospect	surface	experimental prospect	aluminum		250
Cherokee	Gaylord M Leslie Bauxite Mine	surface	past producer	aluminum		240
Cherokee	Gorman Prospects	surface	past producer	manganese, cobalt, & iron		240
Cherokee	Goshen Valley Manganese Prospect	unknown	raw prospect	manganese		220
Cherokee	Harbour Property	surface	raw prospect	manganese & cobalt	Reverend C. B. Harbour	250
Cherokee	Hite Mine	surface	past producer	aluminum		200
Cherokee	Howell Prospect	surface	experimental prospect	aluminum		220
Cherokee	Hughes Prospect	surface	experimental prospect	manganese & iron	Mrs. B. S. Morgan (Rep. Stock Heirs)	240
Cherokee	Indian Dyke Mine	surface	past producer	aluminum		240
Cherokee	J A Pilgrim Iron Mine	surface	past producer	iron		060
Cherokee	Johnson Prospect	unknown	experimental prospect	aluminum & clay		250
Cherokee	Jones Deposit	surface-underground	experimental prospect	manganese	Mrs. Ethel A. Jones	220

Table O-7. Continued.

County	Name	Type of Operation	Operating Status	Commodity	Company	HUC
Cherokee	Klondike Mine	surface	past producer	aluminum		200
Cherokee	Lewis Prospect	unknown	unknown	aluminum		250
Cherokee	Lumpkin	surface	experimental prospect	aluminum	Mahan-Lumpkin Prospects	200
Cherokee	Monahan	surface	unknown	iron		240
Cherokee	Monahan Mine	surface	past producer	aluminum	Murnaghan Mine	240
Cherokee	Mundy Prospect	surface	experimental prospect	aluminum		220
Cherokee	Murnaghan Mine	surface	past producer	aluminum		240
Cherokee	Neddie Parker Property	surface	raw prospect	manganese	Neddie V. Parker	250
Cherokee	New Dyke Mine	surface	past producer	aluminum		240
Cherokee	North Of Bluffington Deposits	surface	raw prospect	manganese & cobalt		240
Cherokee	North Rock Run Area	surface	past producer	aluminum		240
Cherokee	Northeastern Alababa	surface-underground	past producer	manganese, iron, & cobalt	Rock Run Area	240
Cherokee	Old And New Stewart Prospects	surface	experimental prospect	aluminum		250
Cherokee	Old Dyke Mine	surface	past producer	aluminum		240
Cherokee	Palmer Deposit	surface	experimental prospect	manganese	Mrs. Jeff Palmer	240
Cherokee	Parker Deposit	surface-underground	experimental prospect	manganese	Amos O Parker	220
Cherokee	Pine Cut Mine	surface	past producer	aluminum		240
Cherokee	Pittman Prospect	surface	experimental prospect	aluminum & clay		240
Cherokee	Pope Hughes	surface	raw prospect	manganese & cobalt		240
Cherokee	Pope-Brittain Deposits-Britton	surface	past producer	manganese	W J Brittain (Surface Rights)	240
Cherokee	Price Rowland Deposit	surface	past producer	manganese & iron	W T Price	240
Cherokee	R. Stockdale Property	surface	past producer	manganese	J. H. White	240
Cherokee	Red Cut Prospect	surface	past producer	aluminum		240
Cherokee	Red Washer Mine	surface	past producer	aluminum	Little Washer Mine	240
Cherokee	Rock Run Deposits	surface-underground	experimental prospect	manganese	Rock Run Mining Co. (Mineral Rights)	220
Cherokee	Rock Run District	surface	past producer	iron		240
Cherokee	Round Mountain Mine	underground	past producer	iron		140
Cherokee	Rumsey And Lee Prospects 1 & 2	surface	experimental prospect	aluminum		250
Cherokee	Sid Hart Property	surface	past producer	manganese & iron	Sidney Hart	240
Cherokee	Sidhart	surface	unknown	iron		240
Cherokee	Site RR 1 Prospect	unknown	experimental prospect	aluminum & clay		240
Cherokee	Site RR 2 Prospect	surface	past producer	aluminum & clay		240
Cherokee	Site RR 4 Prospect	surface	past producer	aluminum		240
Cherokee	Smith Iron Deposits	surface	past producer	manganese & iron	J T Smith	240

Table O-7. Continued.

County	Name	Type of Operation	Operating Status	Commodity	Company	HUC
Cherokee	Smith Mine	surface	past producer	iron		240
Cherokee	Snyder Mine	surface	past producer	aluminum		250
Cherokee	Stock Property	surface	experimental prospect	manganese & stone	Stock Estate/ Mrs. B. S. Morgan	220
Cherokee	Stonewall	surface	unknown	iron		240
Cherokee	Stubbs Hill Mine	surface	past producer	aluminum		240
Cherokee	Thompson Property	surface	experimental prospect	manganese & cobalt	O. Thompson	220
Cherokee	Tierce Mine	surface	past producer	aluminum		240
Cherokee	Toll Property Goshen Valley	surface	raw prospect	manganese & cobalt	Stewart Toll	220
Cherokee	Tomahawk Mine	surface	past producer	aluminum		240
Cherokee	unnamed	surface	unknown	iron		250
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		250
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		180
Cherokee	unnamed	surface	unknown	iron		180
Cherokee	unnamed	surface	unknown	iron		180
Cherokee	unnamed	surface	unknown	iron		200
Cherokee	unnamed	surface	unknown	iron		200
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		200
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		240

Table O-7. Continued.

County	Name	Type of Operation	Operating Status	Commodity	Company	HUC
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		240
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Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		220
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		220
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		220
Cherokee	unnamed	surface	unknown	iron		220

Table O-7. Continued.

County	Name	Type of Operation	Operating Status	Commodity	Company	HUC
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		240
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Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		220
Cherokee	unnamed	surface	unknown	iron		220
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		240
Cherokee	unnamed	surface	unknown	iron		060
Cherokee	unnamed mine	unknown	past producer	iron		060
Cherokee	unnamed mine	surface-underground	past producer	iron		060
Cherokee	unnamed mine	surface	past producer	iron		060
Cherokee	unnamed mine	surface	past producer	iron		060

Table O-7. Continued.

County	Name	Type of Operation	Operating Status	Commodity	Company	HUC
Cherokee	unnamed mine	unknown	past producer	iron		050
Cherokee	unnamed prospect	unknown	experimental prospect	iron		140
Cherokee	unnamed prospect	unknown	raw prospect	iron		140
Cherokee	unnamed prospect	unknown	raw prospect	iron		140
Cherokee	unnamed prospect	unknown	raw prospect	iron		140
Cherokee	unnamed prospect	unknown	raw prospect	iron		120
Cherokee	unnamed prospect	unknown	raw prospect	iron		080
Cherokee	unnamed prospect	unknown	raw prospect	iron		130
Cherokee	unnamed prospect	unknown	raw prospect	iron		130
Cherokee	unnamed prospect	unknown	raw prospect	iron		130
Cherokee	unnamed prospect	unknown	raw prospect	iron		060
Cherokee	unnamed prospect	unknown	raw prospect	iron		130
Cherokee	unnamed prospect	unknown	raw prospect	iron		120
Cherokee	unnamed prospect	unknown	raw prospect	iron		130
Cherokee	unnamed prospect	unknown	raw prospect	iron		130
Cherokee	unnamed prospect	unknown	raw prospect	aluminum		220
Cherokee	unnamed prospect	surface	experimental prospect	iron		060
Cherokee	unnamed prospect	surface	experimental prospect	iron		060
Cherokee	unnamed prospect	unknown	raw prospect	iron		060
Cherokee	unnamed prospect	unknown	raw prospect	iron		050
Cherokee	unnamed prospect	unknown	raw prospect	iron		050
Cherokee	unnamed prospect	unknown	raw prospect	iron		050
Cherokee	unnamed prospect	unknown	raw prospect	iron		050
Cherokee	unnamed prospect	unknown	raw prospect	iron		050
Cherokee	unnamed prospect	unknown	raw prospect	iron		050
Cherokee	unnamed prospect	unknown	raw prospect	iron		050
Cherokee	unnamed prospect	unknown	raw prospect	iron		050
Cherokee	unnamed prospect	unknown	raw prospect	iron		050
Cherokee	unnamed prospect	unknown	raw prospect	aluminum		250
Cherokee	W. L. Moore Prospect	surface	past producer	manganese	Webb Braswell And Stewart Broth	220
Cherokee	W. C. Pope Prospect	surface	past producer	manganese, cobalt, & iron	W. C. Pope Estate	240
Cherokee	Wallace Prospect	surface	experimental prospect	aluminum		250
Cherokee	Warhoop	surface	unknown	iron	Warwhoop	240
Cherokee	Warwhoop Mine	surface	past producer	aluminum		200

Table O-7. Continued.

County	Name	Type of Operation	Operating Status	Commodity	Company	HUC
Cherokee	Washer Mine	surface	past producer	aluminum	Big Washer Mine	240
Cherokee	West Rock Run Area	surface	past producer	aluminum		240
Cherokee	Wilder Manganese Prospect	unknown	raw prospect	manganese		130
Cherokee	Wilson Mine	surface	past producer	aluminum		200
Cherokee	Wood Property	surface	experimental prospect	aluminum		240
Cherokee	Woodward Hollow Prospects 1	surface	experimental prospect	aluminum		240
Cleburne	Augusta Mine	surface	unknown	iron		220
Cleburne	Augusta Mines	surface	past producer	manganese & cobalt		220
Cleburne	unnamed	surface	unknown	iron		220
Cleburne	unnamed	surface	unknown	iron		220
Cleburne	unnamed	surface	unknown	iron		240
Cleburne	unnamed	surface	unknown	iron		220
Cleburne	unnamed	surface	unknown	iron		220
Cleburne	unnamed	surface	unknown	iron		220
Cleburne	unnamed	surface	unknown	iron		220
Cleburne	unnamed	surface	unknown	iron		220

Table O-8. Alabama Natural Heritage Program[SM] Element Occurrence Records ≤1 km from mine sites identified from EPA's Better Assessment Science Integrating point and Nonpoint Sources (BASINS) dataset within the Upper Coosa River watershed. The hydrologic unit code (HUC) is the 3 digit subwatershed code of the 11-digit HUC; all are within the same basin – 03150105.

Major Group	EO Code	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	HUC	County	Closest Facility Name
Amphibians	AAAAD03010*010*AL	*Desmognathus aeneus*	seepage salamander	G3G4	S2			220	Cleburne	unnamed
Fish	AFCQC02190*007*AL	*Etheostoma ditrema*	coldwater darter	G1G2	S1		SP	220	Calhoun	Stewart Mine
Insects	IITRI33120*001*AL	*Agapetus spinosus*	caddisfly	G?	S1			080	DeKalb	unnamed prospect
Insects	IITRI2A070*002*AL	*Ceraclea alabamae*	caddisfly	G1	S1			080	DeKalb	unnamed prospect
Insects	IITRI2A080*002*AL	*Ceraclea alces*	caddisfly	G?	S1			080	DeKalb	unnamed prospect
Insects	IITRI22040*002*AL	*Cheumatopsyche helma*	Helma's cheumatopsyche caddisfly	G1G3	S1			080	DeKalb	unnamed prospect
Insects	IITRI78040*001*AL	*Wormaldia shawnee*	caddisfly	G?	S1			080	DeKalb	unnamed prospect
Vascular Plants	PDAST19020*008*AL	*Bigelowia nuttallii*	Nuttall's rayless goldenrod	G3G4	S3			080	DeKalb	unnamed prospect
Vascular Plants	PDRAN08130*003*AL	*Clematis socialis*	Alabama leather-flower	G1	S1	LE		250	Cherokee	CHE 9 clay prospect
Vascular Plants	PDAST2L0S0*020*AL	*Coreopsis pulchra*	woodland tickseed	G2	S2			080	DeKalb	unnamed prospect
Vascular Plants	PDCUS010U0*027*AL	*Cuscuta harperi*	Harper's dodder	G2	S2			140	Cherokee	CHE 7 clay prospect
Vascular Plants	PMORC0Q010*003*AL	*Cypripedium acaule*	pink lady's-slipper	G5	S3			080	DeKalb	unnamed prospect
Vascular Plants	PMLIL1F040*004*AL	*Melanthium parviflorum*	small-flowered false hellebore	G4?	S1S2			080	DeKalb	unnamed prospect
Vascular Plants	PDLAM1N0J0*003*AL	*Pycnanthemum virginianum*	Virginia mountain mint	G5	S1			250	Cherokee	CHE 9 clay prospect
Vascular Plants	PDSAN06010*006*AL	*Pyrularia pubera*	buffalo-nut	G5	S2			080	DeKalb	unnamed prospect
Vascular Plants	PMCYP0N2H0*001*AL	*Rhynchospora colorata*	white-top sedge	G5	S3S4			250	Cherokee	CHE 9 clay prospect
Vascular Plants	PDGRO020C0*004*AL	*Ribes curvatum*	granite gooseberry	G4	S2			080	DeKalb	unnamed prospect
Vascular Plants	PDAST85070*010*AL	*Rudbeckia heliopsidis*	sun-facing coneflower	G2	S2			080	DeKalb	unnamed prospect
Vascular Plants	PDSAR02050*006*AL	*Sarracenia oreophila*	green pitcher plant	G2	S2	LE		080	DeKalb	unnamed prospect
Vascular Plants	PDPOR080C0*008*AL	*Talinum mengesii*	Menge's fame-flower	G3	S2S3			080	DeKalb	unnamed prospect

APPENDIX P. Potential point and nonpoint source pollution sources in the Upper Coosa River watershed identified by the Consortium of Alabama Environmental Groups using low-flying aircraft.

Table P-1. Potential point and nonpoint pollution sources identified using low-flying aircraft in the Upper Coosa River watershed, Alabama. The hydrologic unit code (HUC) is the 3 digit subwatershed code of the 11-digit HUC; all are within the same basin – 03150105.

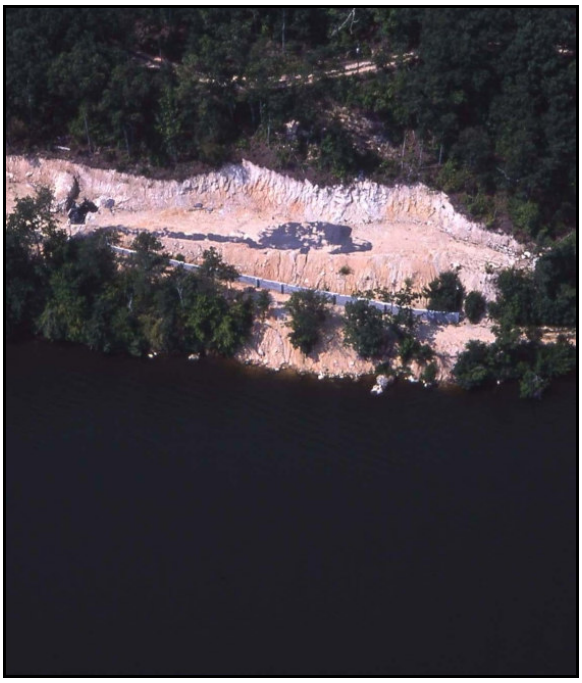
Site	County	HUC	Waterbody	Latitude	Longitude	Type	Activity	Potential Pollution Problem	Description
CALH06	Calhoun	220	Terrapin Creek	33.9333	-85.5833	commercial	auto junk yard	auto fluids runoff	large auto junk yard. potential auto fluids runoff.
CHER02	Cherokee	130	Weiss	34.2467	-85.6633	residential/ commercial	construction	dirt being pushed into river	driveway being built where dirt is falling into lake.
CHER03	Cherokee	130	Little River/Weiss Lake	34.2667	-85.65	illustration	river lake confluence	illustration	little river mouth on Weiss lake, clean water into impaired water.
CHER08	Cherokee	180	Weiss Lake	34.2092	-85.475	residential/ commercial	residential/ commercial	nutrient discharge	residential concentration. possible nutrient and bacteria discharge.
CHER09	Cherokee	180	Weiss Lake	34.2083	-85.475	residential/ commercial	residential/ commercial	nutrient discharge	residential concentration.
CHER10	Cherokee	140	Weiss Lake	34.2167	-85.6833	residential/ commercial	campground concentration	nutrient/bacteria discharge	campground concentration.
CHER11	Cherokee	180	Weiss Lake	34.2	-85.55	residential/ commercial	campground concentration	nutrient/bacteria discharge	campground concentration.
CHER12	Cherokee	060	Weiss Lake	34.243	-85.6272	residential/ commercial	residential/ commercial	nutrient/bacteria runoff	residential concentration.
CHER13	Cherokee	140	Weiss Lake	34.2267	-85.6483	residential/ commercial	residential/ commercial	nutrient/bacteria runoff	residential concentration.
CHER14	Cherokee	180	Weiss Lake	34.2083	-85.5367	residential/ commercial	residential/ commercial	nutrient/bacteria discharge	residential concentration.
CHER15	Cherokee	180	Weiss Lake	34.2133	-85.5942	residential/ commercial	residential/ commercial	nutrient/bacteria discharge	residential concentration.
CHER16	Cherokee	200	Weiss Lake	34.1733	-85.5797	Residential/ Commercial	Residential/ Commercial	Nutrient/Bacteria Discharge	Residential concentration.

Table P-1. Continued.

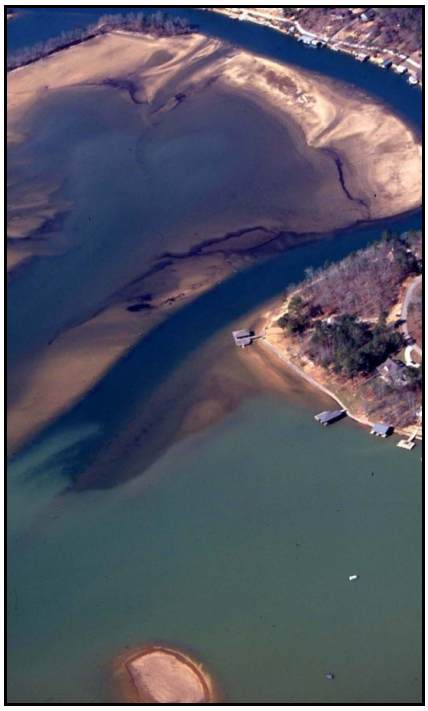
Site	County	HUC	Waterbody	Latitude	Longitude	Type	Activity	Potential Pollution Problem	Description
CHER17	Cherokee	200	Weiss Lake	34.1433	-85.5707	residential/ commercial	residential/ commercial	nutrient/bacteria discharge	residential concentration.
CHER18	Cherokee	200	Weiss Lake	34.1483	-85.5733	residential/ commercial	residential/ commercial	nutrient/bacteria discharge	residential concentration.
CHER19	Cherokee	180	Weiss Lake	34.175	-85.6117	residential/ commercial	residential/ commercial	nutrient/bacteria discharge	residential concentration.
CHER20	Cherokee	140	Weiss Lake	34.1967	-85.65	residential/ commercial	residential/ commercial	nutrient/bacteria discharge	residential concentration.
CHER21	Cherokee	140	Weiss Lake	34.2083	-85.6732	residential/ commercial	residential/ commercial	nutrient /bacteria discharge	campground concentration.
CHER22	Cherokee	180	Weiss Lake	34.205	-85.5888	residential/ commercial	residential/ commercial	nutrient/bacteria discharge	camper concentration.
CHER24	Cherokee	180	Weiss Lake	34.1667	-85.6	agriculture	nursery	nutrient runoff	large nursery adjacent to main Coosa channel with potential of nutrient run off. infrared shows example.
CHER25	Cherokee	140	Weiss Lake	34.225	-85.7283	illustration	water falls	illustration	yellow creek falls on Weiss lake.
CHER26	Cherokee	180	Weiss Lake	34.16	-85.5983	residential/ commercial	residential/ commercial	nutrient/bacteria discharge	camper concentration. this site has an off-site waste disposal field.
CHER27	Cherokee	110	Little River	34.3507	-85.6767	agriculture	hog CAFO	nutrient/bacteria runoff	hog CAFO. potential chemicals, nutrients, heavy metals, bacteria runoff and discharge.
DEKA16	DeKalb	110	Little River	34.3507	-85.6767	agriculture	hog CAFO	nutrient runoff	hog CAFO

Site: CALH06 Waterbody: Terrapin Creek County: Calhoun
Activity: auto junk yard Potential Pollution Problem: auto fluids runoff

Site: CHER02 Waterbody: Weiss Lake County: Cherokee
Activity: construction Potential Pollution Problem: dirt being pushed into river



Site: CHER03 Waterbody: Little River/ Weiss Lake County: Cherokee
Activity: river/lake confluence Potential Pollution Problem: illustration



Site: CHER08 Waterbody: Weiss Lake County: Cherokee
Activity: residential/commercial Potential Pollution Problem: nutrient discharge

Site: CHER09 Waterbody: Weiss Lake County: Cherokee
Activity: residential/commercial Potential Pollution Problem: nutrient discharge

Site: CHER10 Waterbody: Weiss Lake County: Cherokee
Activity: campground concentration Potential Pollution Problem: nutrient/bacteria discharge

Site: CHER11 Waterbody: Weiss Lake County: Cherokee
Activity: campground concentration Potential Pollution Problem: nutrient/bacteria discharge

Site: CHER12 Waterbody: Weiss Lake County: Cherokee
Activity: residential/commercial Potential Pollution Problem: nutrient/bacteria discharge

Site: CHER13 Waterbody: Weiss Lake County: Cherokee
Activity: residential/commercial Potential Pollution Problem: nutrient/bacteria discharge

Site: CHER14 Waterbody: Weiss Lake County: Cherokee
Activity: residential/commercial Potential Pollution Problem: nutrient/bacteria discharge

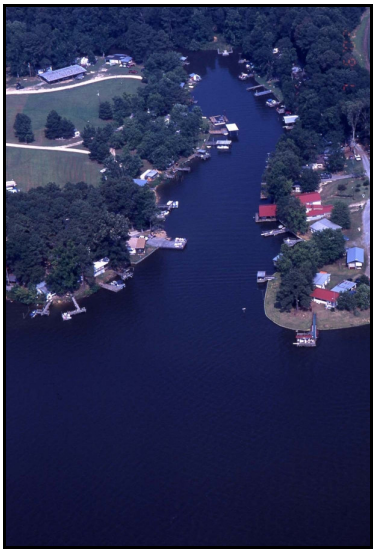
Site: CHER15 Waterbody: Weiss Lake County: Cherokee
Activity: residential/commercial Potential Pollution Problem: nutrient/bacteria discharge

Site: CHER16 Waterbody: Weiss Lake County: Cherokee
Activity: residential/commercial Potential Pollution Problem: nutrient/bacteria discharge

Site: CHER17 Waterbody: Weiss Lake County: Cherokee
Activity: residential/commercial Potential Pollution Problem: nutrient/bacteria discharge

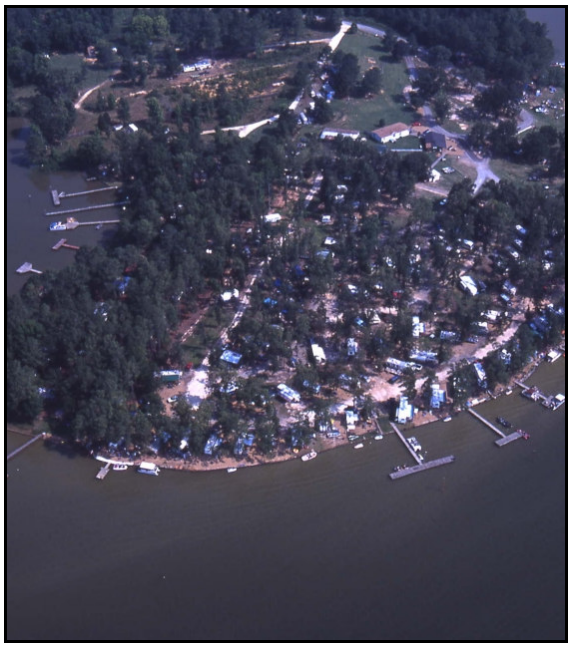
Site: CHER18 Waterbody: Weiss Lake County: Cherokee
Activity: residential/commercial Potential Pollution Problem: nutrient/bacteria discharge

Site: CHER19 Waterbody: Weiss Lake County: Cherokee
Activity: residential/commercial Potential Pollution Problem: nutrient/bacteria discharge



Site: CHER20 Waterbody: Weiss Lake County: Cherokee
Activity: residential/commercial Potential Pollution Problem: nutrient/bacteria discharge

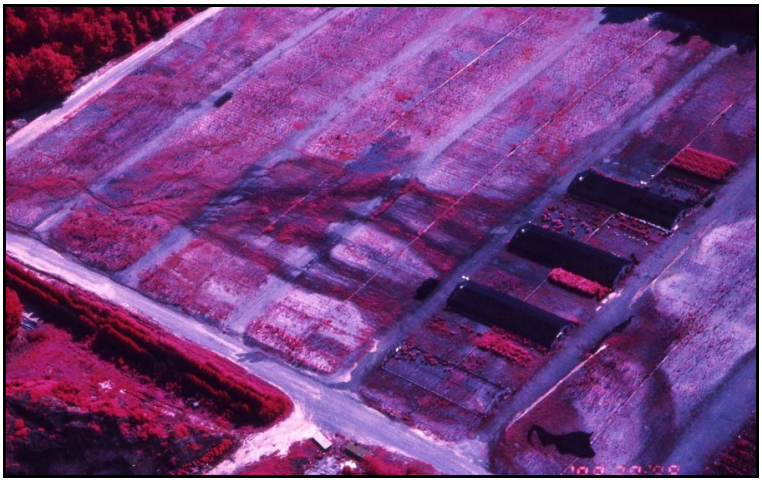
Site: CHER21 Waterbody: Weiss Lake County: Cherokee
Activity: residential/commercial Potential Pollution Problem: nutrient/bacteria discharge



Site: CHER22 Waterbody: Weiss Lake County: Cherokee
Activity: residential/commercial Potential Pollution Problem: nutrient/bacteria discharge

Site: CHER25 Waterbody: Weiss Lake County: Cherokee
Activity: water falls Potential Pollution Problem: illustration

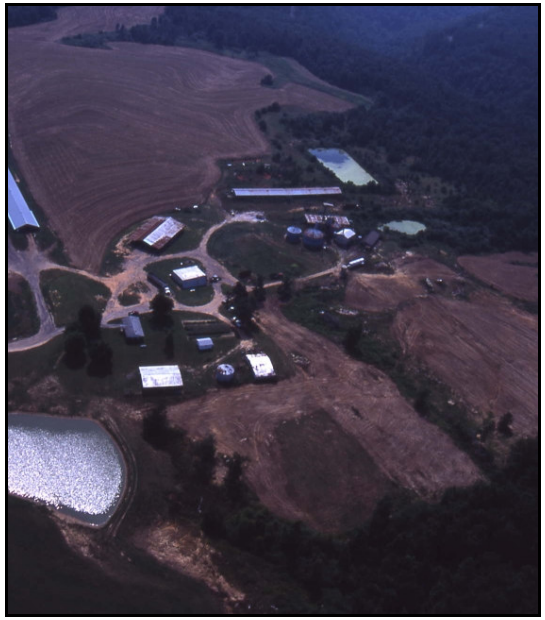
Site: CHER24 Waterbody: Weiss Lake County: Cherokee
Activity: nursery Potential Pollution Problem: nutrient runoff



Site: CHER26 Waterbody: Weiss Lake County: Cherokee
Activity: residential/commercial Potential Pollution Problem: nutrient/bacteria discharge

Site: CHER27 Waterbody: Little River County: Cherokee
Activity: hog CAFO Potential Pollution Problem: nutrient/bacteria runoff

Site: DEKA16 Waterbody: Little River County: DeKalb
Activity: hog CAFO Potential Pollution Problem: nutrient runoff



APPENDIX Q. Large Format Maps Included With This Report.

Ecology and Natural Features of the Lower Half of the Middle Coosa River Watershed

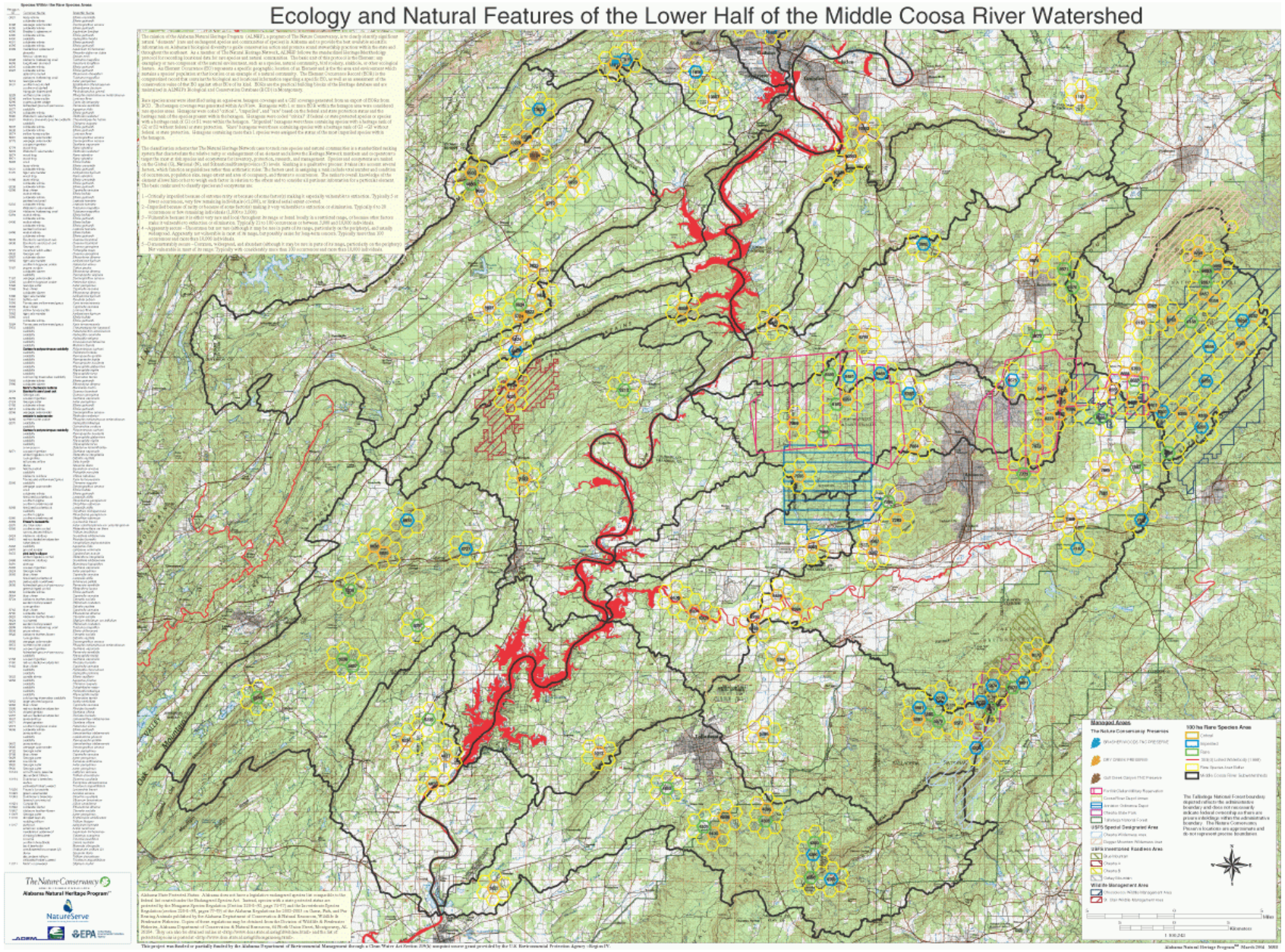
Land Cover in the Lower Half of the Middle Coosa River Watershed

Ecology and Natural Features of the Upper Half of the Middle Coosa River Watershed

Land Cover in the Upper Half of the Middle Coosa River Watershed

Ecology and Natural Features of the Upper Coosa River Watershed

Land Cover in the Upper Coosa River Watershed


Ecology and Natural Features of the Lower Half of the Middle Coosa River Watershed
The Nature Conservancy
Alabama Natural Heritage Program℠
NatureServe
EPA
Managed Areas
The Nature Conservancy Preserves
USFS Special Designated Area
USFS Inventoried Roadless Area
Wildlife Management Area
100-ha Rare Species Area
Miles
Kilometers

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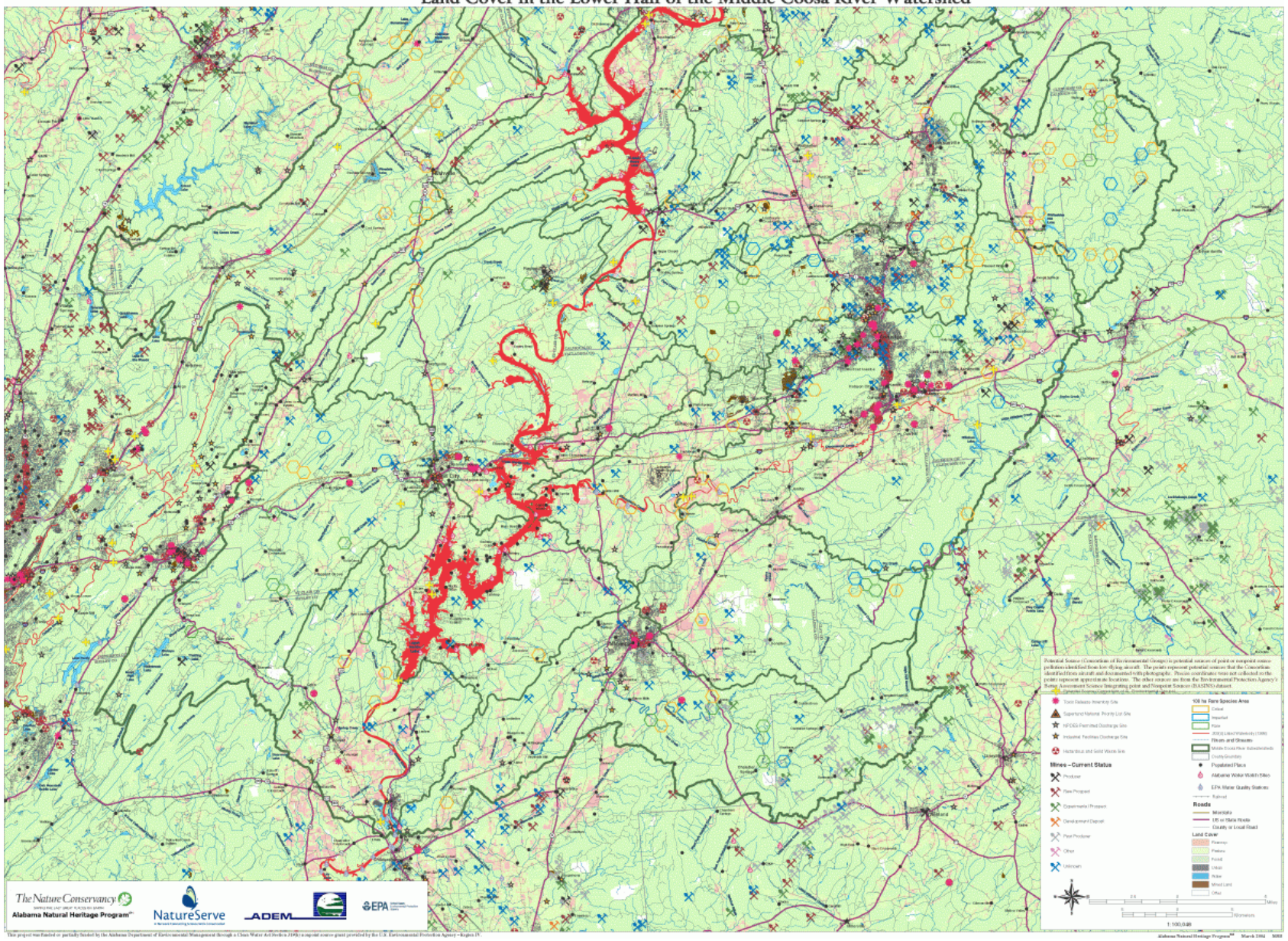
Land Cover in the Lower Half of the Middle Coosa River Watershed



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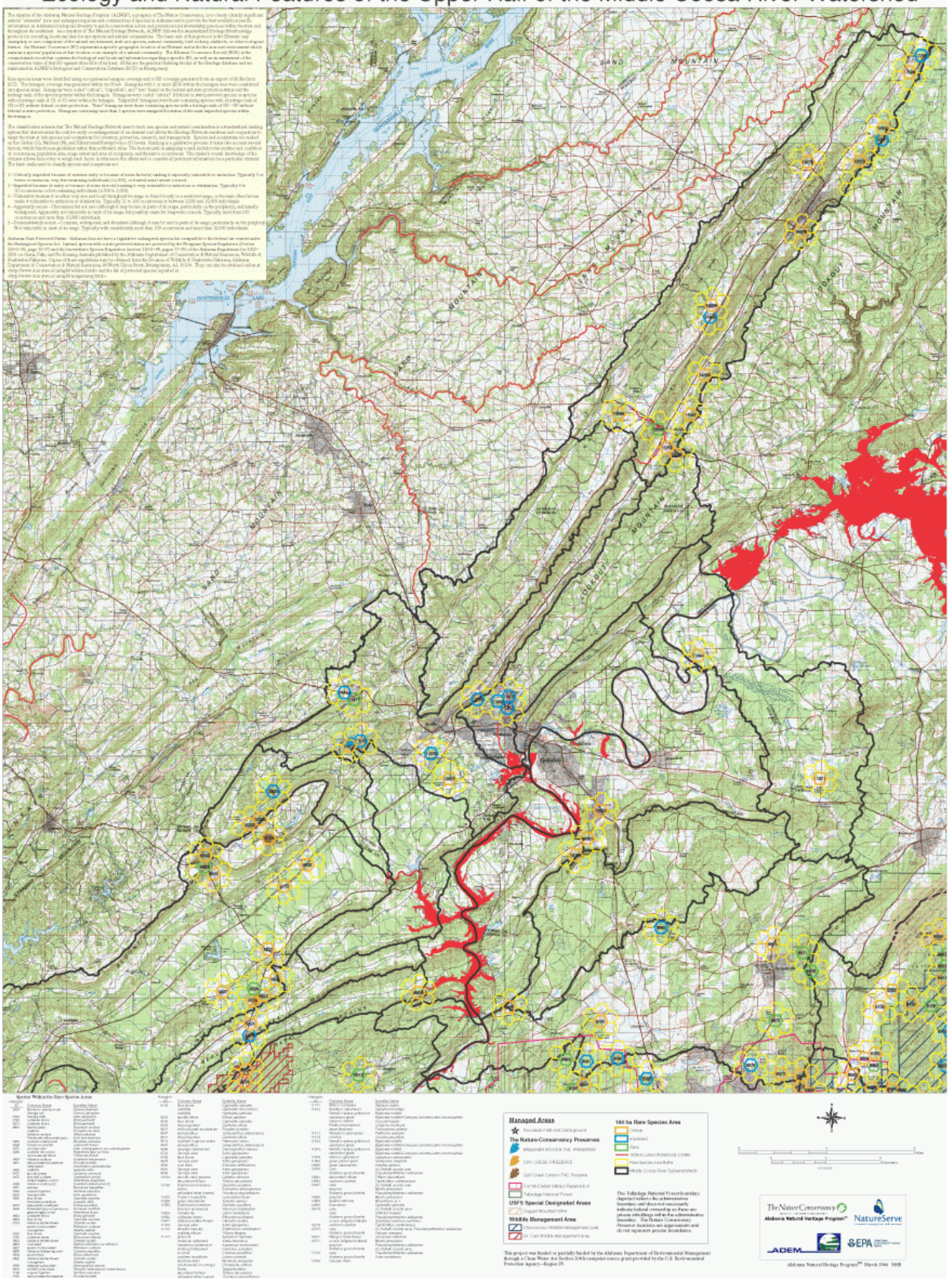
Ecology and Natural Features of the Upper Half of the Middle Coosa River Watershed



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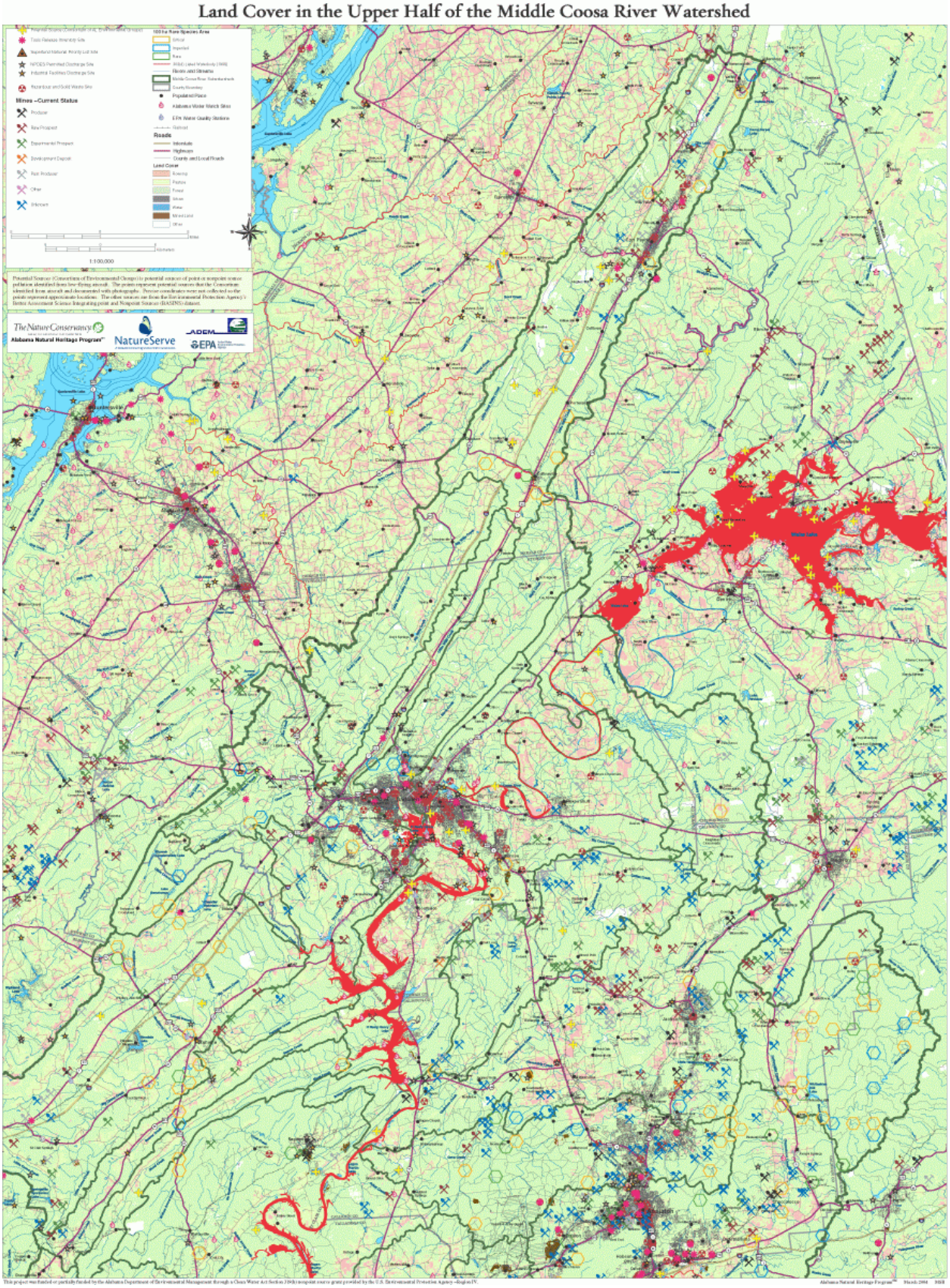
Land Cover in the Upper Half of the Middle Coosa River Watershed



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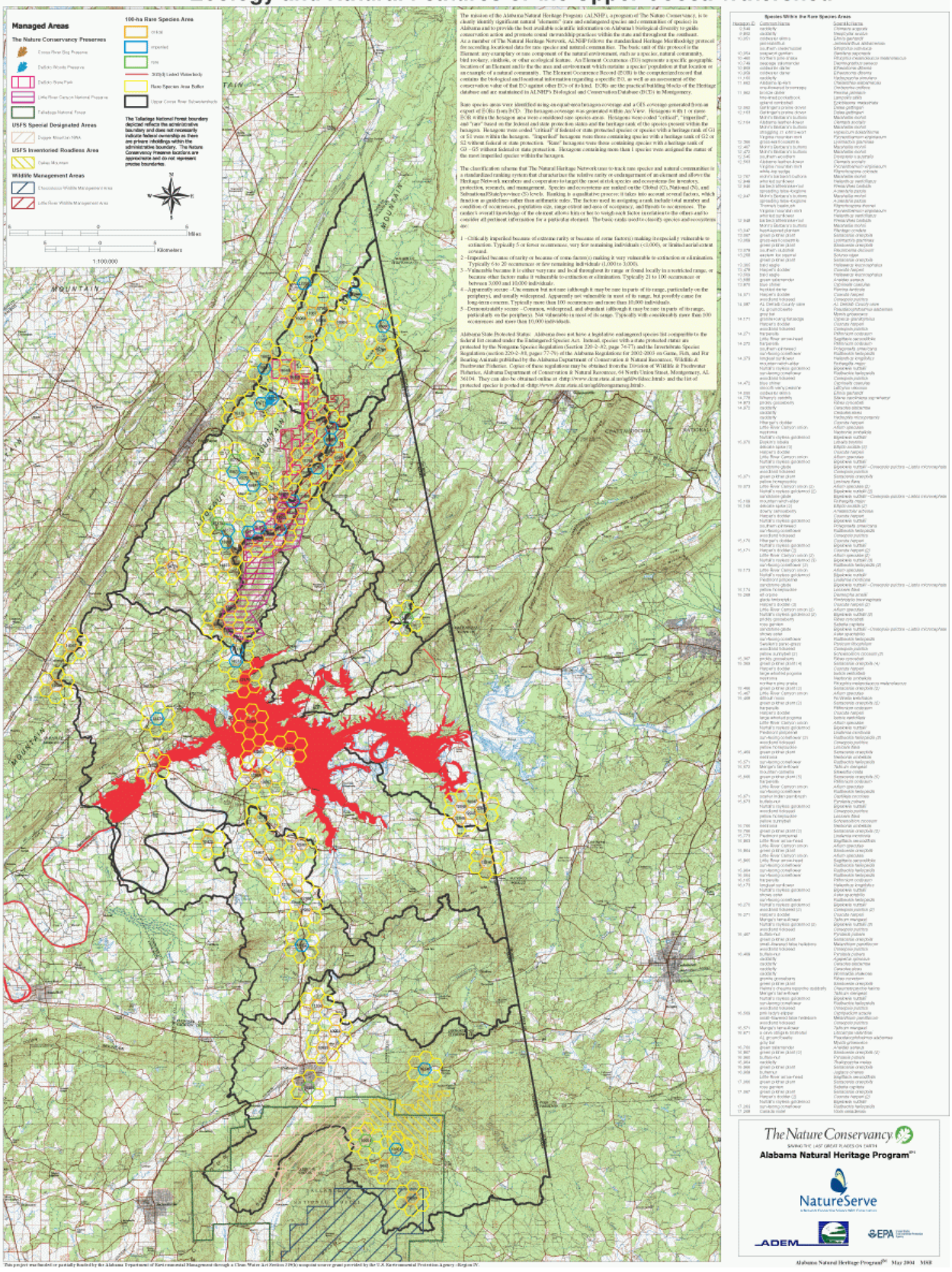
Ecology and Natural Features of the Upper Coosa Watershed



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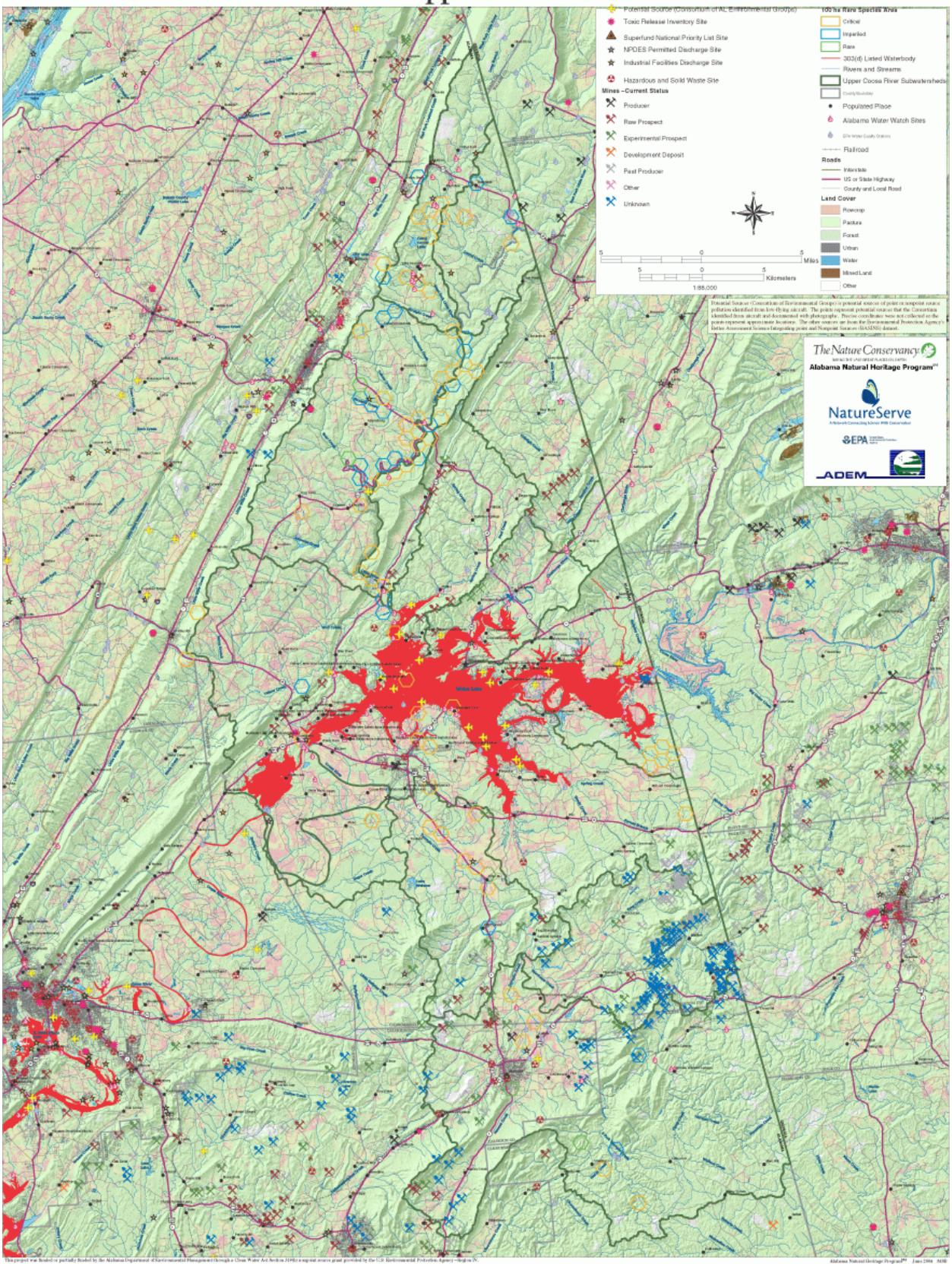
Land Cover in the Upper Coosa River Watershed



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