



WALTER RABON
COMMISSIONER

CHRIS HARPER
DIRECTOR

August 13, 2026

MEMORANDUM

To: Members, Board of Natural Resources

FROM: Chris Harper

SUBJECT **Briefing on Proposed Rules Pertaining to Protection of Endangered, Threatened, Rare or Unusual Species, Subject 391-4-10**

The Department of Natural Resources is required by the Endangered Wildlife Act of 1973 (O.C.G.A. § 27-3-130 et seq.) and the Wildflower Preservation Act of 1973 (O.C.G.A. § 12-6-170 et seq.) to designate all plant and animal species indigenous to the state which are determined by the Department to be "rare", "unusual", or in "danger of extinction". Such species are then "protected species" and subject to the provisions of the above-cited laws and the rules and regulations of the Department of Natural Resources. The Department is required to review periodically its "protected species" list and to make additions or deletions when appropriate.

The current protected species list was last updated in 2006. The Wildlife Resources Division has gathered information about the current status and threats to populations of plants and animals through our State Wildlife Action Plan technical teams and a public nomination period in June. We are proposing updates to the list of protected species of plants and animals (Rule 391-4-10-.09) and adding an exception that allows for the sale of protected plant species grown in captivity (Rule 391-4-10-.07).

This briefing requires no Board action at this time. WRD plans to present the proposed amendments to the Board of Natural Resources for consideration and adoption on October 27, 2026, at 9:00 AM, at the DNR Board Room, 2 Martin Luther King, Jr. Drive, SE Suite 1252 East, Atlanta, GA 30334.

Please do not hesitate to contact me if you have questions or need more information about this proposal in advance of our meeting. Thank you.

CH/km

Attachment



WALTER RABON
COMMISSIONER

CHRIS HARPER
DIRECTOR

August 13, 2026

MEMORANDUM

To: Members, Board of Natural Resources

FROM: Chris Harper

SUBJECT **Proposed Rules – Economic Impact**

The Administrative Procedure Act requires that in the formation and adoption of any rules which will have an economic impact on the business in the State, attempts be made to reduce the economic impact of the rule on small businesses. This applies to businesses that are independently owned and operated, are not dominant in the field and employ 100 employees or less. The Wildlife Resources Division has determined that the proposed amendments to Subject 391-4-10 are expected to have no negative impact on small businesses.

WALTER RABON
COMMISSIONER

CHRIS HARPER
DIRECTOR

August 25, 2026

MEMORANDUM

To: INTERESTED PERSONS AND ORGANIZATIONS

FROM: Chris Harper

SUBJECT **NOTICE AND SYNOPSIS OF PROPOSED RULE MAKING**

Notice is hereby given that, pursuant to authority contained in The Wildflower Preservation Act of 1973 (O.C.G.A. § 12-6-1 *et seq.*) and the Endangered Wildlife Act of 1973 (O.C.G.A. § 27-3-130 *et seq.*), the Board of Natural Resources proposes to amend its rules governing the protection of endangered, threatened, rare or unusual species. The proposed amendments (copy attached hereto) are to Rule 391-4-10-.07 and Rule 391-4-10-.09. The Board of Natural Resources will consider the proposed amendments and any comments received during the public comment period at its meeting on October 27, 2026, at 9:00 AM, at the DNR Board Room, 2 Martin Luther King, Jr. Drive, SE Suite 1252 East, Atlanta, GA 30334.

SYNOPSIS

The purpose of Rule 391-4-10-.07 is to provide exceptions for activities that are otherwise prohibited under the Wildflower Preservation Act or Rule 391-4-10-.06. The proposed exception would allow for the sale, transportation and possession of 39 protected plant species denoted by an asterisk in 391-4-10-.09 without a permit issued by the Georgia Department of Natural Resources.

The native plant horticulture industry is an emerging and important sector of Georgia's economy, and research indicates that private landowners are increasingly seeking native plants for use in residential landscapes. Several protected species have long been established in the horticultural trade and are propagated from cultivated stock rather than collected from wild populations. To support the responsible growth of Georgia's native plant industry, this exemption would allow these designated species to

be sold without a DNR permit, provided they are propagated from pre-existing horticultural stock and not collected from wild populations.

The purpose of Rule 391-4-10-.09 is to identify the species protected under the Endangered Wildlife Act of 1973 and the Wildflower Preservation Act of 1973. As outlined in Rule 391-4-10-.01, the department is required to periodically review its protected species list and make additions and deletions when appropriate. This rule was last revised by the department in 2006 and needs revisions in the following categories:

- 49 species of listed animals and plants have had a name change since the last revision. The proposed list has been updated to the most current names accepted by the scientific community.
- Species designated as endangered or threatened under the provisions of the Endangered Species Act of 1973 (ESA; federal law) must also be designated at the same or higher protection level on the state protected species list. This requirement stems from our cooperative agreement with the U.S. Fish and Wildlife Service to manage federally listed species in the state and is encoded in rule 391-4-10-.02. The proposed rule ensures that the state listing status is correct for all ESA listed species with a currently recognized population in Georgia.
- The 2025 State Wildlife Action Plan (SWAP) revision provided the most up-to-date status and trend information for Species of Greatest Conservation Need in Georgia. Technical Team Leaders used SWAP data and additional information provided during a public nomination period to determine status changes including:
 - Removing 40 species from the list because recent survey data shows that populations have recovered due to conservation actions or other factors.
 - Adding 145 species to the list because survey data shows they are declining and face significant threats that could further impact populations.
 - Updating the status of 66 species to reflect current status. An example would be upgrading a species status from threatened to endangered.

Changes to the list are summarized in Table 1. Largest increases are for plants and invertebrates which reflects the higher diversity and recent emphasis on surveys for these historically under-surveyed groups.

Table 1. Comparison of the number of species currently protected (2006) and proposed for protection under the proposed rule (2026).

	2006	2026
Mammals	10	12
Birds	20	24
Reptiles	16	18
Amphibians	9	12
Fishes	57	60
Invertebrates	51	89
Plants	155	208
Total	318	423

This synopsis of the proposed rule amendments, together with an exact copy of the amendments, is being mailed to all persons who have requested in writing that they be placed on the mailing list and have tendered the actual cost of such mailing. Copies of all these documents are also available by electronic mail and are available for review on the Division web page (<https://georgiawildlife.com/ProtectedSpeciesList>). Please call 706-557-3213 or email katrina.morris@dnr.ga.gov to request a copy.

Members of the general public will have an opportunity to comment on these proposed regulations at a public hearing scheduled at 7:00 PM on September 8th, 2026, at the Wildlife Resources Division Headquarters Office, 2067 US Hwy 278 SE, Social Circle GA, 30025. Any participant at the hearing may present data, make a statement or comment or offer a viewpoint or argument, either orally or in writing. Statements should be concise to permit everyone an opportunity to speak. Participants in the hearing are required to register on arrival and to notify the registering official of their intent to give a statement. Participants may also bring a written copy of their statement.

Those unable to attend the hearing may submit comments on this proposed rule electronically by sending an email to wscscomments@dnr.ga.gov using the subject line Protected Species List, by telephone at 706-557-3213 or by submitting written statements, which must be received before close of business on September 20, 2026. Written statements should be mailed to the attention of Trina Morris at:

Georgia Department of Natural Resources
Wildlife Resources Conservation Center
2065 US Hwy 278 SE
Social Circle, GA 30025

The Board of Natural Resources will consider the proposed amendments and any comments received at its meeting on October 27, 2026, at 9:00 AM, at the DNR Board Room, 2 Martin Luther King, Jr. Drive, SE Suite 1252 East, Atlanta, GA 30334.



WALTER RABON
COMMISSIONER

CHRIS HARPER
DIRECTOR

**Public Participation Plan for
Proposed Amendments to Rules Pertaining to Protection of Endangered,
Threatened, Rare or Unusual Species, Subject 391-4-10**

Amendments to Rules 391-4-10-.07 and 391-4-10-.09, are being proposed. Public input is an important component of the decision-making process. The plan for receiving and considering public comment includes publicly posting and distributing the proposed updates and amendments, release of an information webpage and presentation, a public hearing, and the acceptance of written, verbal, and electronic comments. Following the public comment process, the Board of Natural Resources will consider the proposed amendments, and any comments received on October 27, 2026, at 9:00 AM, at the DNR Board Room, 2 Martin Luther King, Jr. Drive, SE Suite 1252 East, Atlanta, GA 30334.

Schedule for Public Participation on Proposed Amendments to Rule 391-4-10

Description of Action	Action Date
Present proposed Amendment to DNR Board	8/25/2026
Public Notice distributed and posted on website	8/28/2026
Public Hearing, WRD Headquarters office at 7 PM	9/8/2026
Deadline for submitting comments on proposed amendments	9/20/2026
Final Consideration of the Proposed amendments by the Board of Natural Resources	10/27/2026

WILDLIFE RESOURCES DIVISION

WALTER RABON
COMMISSIONER

CHRIS HARPER
DIRECTOR

SUBJECT	PROPOSED CHANGE	CURRENT REGULATION	CHANGE	JUSTIFICATION
391-4-10-.07. (4) (a,b,c) Sale of Exempted Protected Plant Species				
	The sale, possession and transportation of 39 protected plant species denoted by an asterisk in 391-4-10-.09 is authorized without permit from DNR under specific conditions identified in the rule.	The Department may issue permits for the collection, transportation, and/or possession of protected plant and animal species. Such permits do not alleviate the responsibility to acquire specific federal permits, if required.	For the 39 species in the rule with an asterisk, plants propagated from pre-existing horticultural material with proper documentation of plant origin and proper federal permits (when required) can be sold, possessed and transported without obtaining a permit supplied by the Department	The requirement for obtaining a permit to sell protected plants is a burden on the native plant industry in Georgia. Allowing for the sale of pre-existing horticultural material without a permit issued by the Department will be beneficial for both the native plant industry and the Department's efforts to promote native plants in landscaping and restoration projects across Georgia.
391-4-10-.09. (1-7) Protected Species of Plants and Animals				
	Update the list of protected species of plants and animals based on current information on status and trends from State Wildlife Action Plan technical teams and submitted through a public nomination period.	The current list includes 318 species.	Proposed updates to the list include 49 scientific name changes, 66 status updates, 145 list additions and 40 list deletions. The proposed list includes 423 species.	The Department is required to review periodically its "protected species" list and to make additions or deletions when appropriate. It has been 20 years since the last update.

EXACT COPY VERSION

**RULES
OF
GEORGIA DEPARTMENT OF NATURAL RESOURCES**

**CHAPTER 391-4
WILDLIFE RESOURCES**

**SUBJECT 391-4-10
PROTECTION OF ENDANGERED, THREATENED, RARE, OR UNUSUAL SPECIES**

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RULE 391-4-10-.07 EXCEPTIONS

RULE 391-4-10-.09 PROTECTED SPECIES OF PLANTS AND ANIMALS

Rule 391-4-10-.07 Exceptions.

(1) **Permits.** The Department may issue permits for the collection, transportation, and/or possession of protected plant and animal species. Such permits do not alleviate the responsibility to acquire specific federal permits, if required.

(2) **Protected Crayfish Species.** The collection of state protected crayfish species (those species included in) while collecting fishing bait is authorized without permit under the following conditions:

- (a) State protected crayfish species may not be collected from crayfish burrows (i.e., "crayfish chimneys") in any manner, including burrow excavation or setting traps or other devices within, on or near the entrance to the burrow.
- (b) State protected crayfish species may not be exported from the state of Georgia.

(3) **Peregrine Falcon Take for Falconry Purposes.** The Department may issue up to five (5) annual permits for the trapping and possession of wild peregrine falcons for falconry purposes in accordance with the framework established by the United States Fish and Wildlife Service and as may be appropriate based on sound wildlife management principles. Trapping is allowed only during September 20 through October 20 and only within Chatham, Bryan, Liberty, McIntosh, Glynn, and Camden counties. Only wild peregrines trapped during their first year (passage birds) may be kept. Permits are issued based upon a random drawing of qualified applicants. Preference is given to Georgia residents such that most permits are issued to qualified resident applicants.

- (a) To qualify, an applicant shall be a licensed Master Falconer, or a licensed General Falconer with at least 5 years of licensed falconry experience.
- (b) When trapping or attempting to trap a peregrine falcon, a person shall have on their person a current peregrine falcon take permit from the Department, a valid Georgia hunting license, and a valid falconry license.
- (c) A peregrine falcon take permit does not authorize any person possessing said permit to commit any act inconsistent with O.C.G.A. 27-2-17.
- (d) Said permit may be revoked in accordance with the provisions of the Game and Fish Code.

(4) **Protected Plant Species.** The sale, possession and transportation of protected plant species denoted by an asterisk in 391-4-10.09 is authorized without permit under the following conditions:

- (a) The plants are propagated from pre-existing horticultural material.
- (b) Documentation of plant origin must be retained by the seller.
- (c) This exception does not alleviate the responsibility to acquire specific federal permits, if required.

Authority: O.C.G.A. §§ 12-6-3 and 27-3-5

Rule 391-4-10-.09 Protected Species of Plants and Animals.

(1) Mammals:

- (a) **Corynorhinus rafinesquii:** Rafinesque's Big-eared Bat (rare)
- (b) **Eubalaena glacialis:** North Atlantic Right Whale (endangered)
- (c) **Geomys pinetis:** Southeastern Pocket Gopher (threatened)
- (d) **Lasiurus cinereus:** Hoary Bat (rare)
- (e) **Myotis lucifugus:** Eastern Little Brown Bat (endangered)
- (f) **Myotis septentrionalis:** Northern Long-eared Bat (endangered)
- (g) **Myotis sodalis:** Indiana Bat (endangered)
- (h) **Neofiber alleni:** Round-tailed Muskrat (threatened)
- (i) **Perimyotis subflavus:** Tricolored Bat (endangered)
- (j) **Spilogale putorius:** Eastern Spotted Skunk (rare)
- (k) **Sylvilagus obscurus:** Appalachian Cottontail (threatened)
- (l) **Trichechus manatus:** West Indian Manatee (endangered)

(2) Birds

- (a) **Ammospiza caudacuta:** Saltmarsh Sparrow (threatened)
- (b) **Ammospiza maritima macgillivraii:** MacGillivray's Seaside Sparrow (rare)
- (c) **Anarhynchus wilsonia:** Wilson's Plover (threatened)
- (d) **Antigone canadensis pratensis:** Florida Sandhill Crane (rare)
- (e) **Calidris canutus rufa:** Red Knot (threatened)
- (f) **Centronyx henslowii:** Henslow's Sparrow (rare)
- (g) **Charadrius melodus:** Piping Plover (threatened)
- (h) **Dryobates borealis:** Red-cockaded Woodpecker (threatened)
- (i) **Elanoides forficatus:** Swallow-tailed Kite (rare)
- (j) **Falco peregrinus:** Peregrine Falcon (rare)
- (k) **Falco sparverius paulus:** Southeastern American Kestrel (rare)
- (l) **Gelochelidon nilotica:** Gull-billed Tern (threatened)
- (m) **Grus americana:** Whooping Crane (endangered)
- (n) **Haematopus palliatus:** American Oystercatcher (rare)
- (o) **Haliaeetus leucocephalus:** Bald Eagle (rare)
- (p) **Laterallus jamaicensis jamaicensis:** Eastern Black Rail (threatened)
- (q) **Mycteria americana:** Wood Stork (threatened)
- (r) **Numenius hudsonicus:** Hudsonian Whimbrel (rare)

- (s) **Peucaea aestivalis**: Bachman's Sparrow (rare)
- (t) **Rynchops niger**: Black Skimmer (rare)
- (u) **Setophaga cerulea**: Cerulean Warbler (rare)
- (v) **Setophaga kirtlandii**: Kirtland's Warbler (threatened)
- (w) **Sternula antillarum**: Least Tern (rare)
- (x) **Vermivora chrysoptera**: Golden-winged Warbler (endangered)

(3) Reptiles

- (a) **Caretta caretta**: Loggerhead Sea Turtle (threatened)
- (b) **Chelonia mydas**: Green Sea Turtle (threatened)
- (c) **Clemmys guttata**: Spotted Turtle (unusual)
- (d) **Crotalus adamanteus**: Eastern Diamond-backed Rattlesnake (threatened)
- (e) **Dermochelys coriacea**: Leatherback Sea Turtle (endangered)
- (f) **Drymarchon couperi**: Eastern Indigo Snake (threatened)
- (g) **Eretmochelys imbricata**: Hawksbill Sea Turtle (endangered)
- (h) **Glyptemys muhlenbergii**: Bog Turtle (endangered)
- (i) **Gopherus polyphemus**: Gopher Tortoise (threatened)
- (j) **Graptemys barbouri**: Barbour's Map Turtle (threatened)
- (k) **Graptemys geographica**: Northern Map Turtle (unusual)
- (l) **Graptemys pulchra**: Alabama Map Turtle (threatened)
- (m) **Heterodon simus**: Southern Hognose Snake (threatened)
- (n) **Lepidochelys kempii**: Kemp's Ridley Sea Turtle (endangered)
- (o) **Macrochelys suwanniensis**: Suwannee Alligator Snapping Turtle (endangered)
- (p) **Macrochelys temminckii**: Western Alligator Snapping Turtle (threatened)
- (q) **Malaclemys terrapin**: Diamondback Terrapin (unusual)
- (r) **Ophisaurus mimicus**: Mimic Glass Lizard (endangered)

(4) Amphibians

- (a) **Ambystoma bishopi**: Reticulated Flatwoods Salamander (endangered)
- (b) **Ambystoma cingulatum**: Frosted Flatwoods Salamander (endangered)
- (c) **Amphiuma pholeter**: One-toed Amphiuma (rare)
- (d) **Aneides aeneus**: Green Salamander (rare)
- (e) **Cryptobranchus alleganiensis**: Hellbender (threatened)
- (f) **Eurycea wallacei**: Georgia Blind Salamander (threatened)
- (g) **Gyrinophilus palleucus**: Tennessee Cave Salamander (threatened)
- (h) **Lithobates capito**: Gopher Frog (rare)

- (i) **Notophthalmus perstriatus**: Striped Newt (threatened)
 - (j) **Plethodon petraeus**: Pigeon Mountain Salamander (rare)
 - (k) **Pseudacris ornata**: Ornate Chorus Frog (unusual)
 - (l) **Urspelerpes brucei**: Patch-nosed Salamander (unusual)
- (5) Fish
- (a) **Acipenser brevirostrum**: Shortnose Sturgeon (endangered)
 - (b) **Acipenser oxyrinchus**: Atlantic Sturgeon (endangered)
 - (c) **Alburnops asperifrons**: Burrhead Shiner (threatened)
 - (d) **Alburnops hypsilepis**: Highscale Shiner (rare)
 - (e) **Alosa alabamae**: Alabama Shad (endangered)
 - (f) **Ameiurus serracanthus**: Spotted Bullhead (threatened)
 - (g) **Chrosomus tennesseensis**: Tennessee Dace (endangered)
 - (h) **Cyprinella caerulea**: Blue Shiner (endangered)
 - (i) **Cyprinella callitaenia**: Bluestripe Shiner (rare)
 - (j) **Cyprinella xaenura**: Altamaha Shiner (rare)
 - (k) **Elassoma okatie**: Bluebarred Pygmy Sunfish (endangered)
 - (l) **Enneacanthus chaetodon**: Blackbanded Sunfish (endangered)
 - (m) **Erimystax insignis**: Blotched Chub (threatened)
 - (n) **Etheostoma brevirostrum**: Holiday Darter (endangered)
 - (o) **Etheostoma ditrema**: Coldwater Darter (endangered)
 - (p) **Etheostoma duryi**: Blackside Snubnose Darter (rare)
 - (q) **Etheostoma parvipinne**: Goldstripe Darter (rare)
 - (r) **Etheostoma rupestre**: Rock Darter (rare)
 - (s) **Etheostoma scotti**: Cherokee Darter (threatened)
 - (t) **Etheostoma tallapoosae**: Tallapoosa Darter (rare)
 - (u) **Etheostoma trisella**: Trispot Darter (endangered)
 - (v) **Fundulus bifax**: Stippled Studfish (endangered)
 - (w) **Fundulus catenatus**: Northern Studfish (rare)
 - (x) **Hemitremia flammea**: Flame Chub (endangered)
 - (y) **Hybopsis lineapunctata**: Lined Chub (rare)
 - (z) **Ichthyomyzon bdellium**: Ohio Lamprey (rare)
 - (aa) **Lucania goodei**: Bluefin Killifish (rare)
 - (bb) **Macrhybopsis etnieri**: Coosa Chub (endangered)
 - (cc) **Micropterus calliurus**: Altamaha Bass (endangered)

- (dd) **Micropterus cataractae**: Shoal Bass (rare)
 - (ee) **Micropterus chattahoocheae**: Chattahoochee Bass (endangered)
 - (ff) **Micropterus notius**: Suwannee Bass (rare)
 - (gg) **Micropterus pucpugy**: Bartram's Bass (threatened)
 - (hh) **Micropterus tallapoosae**: Tallapoosa Bass (rare)
 - (ii) **Moxostoma robustum**: Robust Redhorse (endangered)
 - (jj) **Moxostoma ugidatli**: Sicklefins Redhorse (endangered)
 - (kk) **Nothonotus chlorobranchius**: Greenfin Darter (threatened)
 - (ll) **Nothonotus chuckwachatte**: Lipstick Darter (endangered)
 - (mm) **Nothonotus etowahae**: Etowah Darter (endangered)
 - (nn) **Nothonotus vulneratus**: Wounded Darter (endangered)
 - (oo) **Notropis ariommus**: Popeye Shiner (endangered)
 - (pp) **Notropis photogenis**: Silver Shiner (rare)
 - (qq) **Noturus eleutherus**: Mountain Madtom (endangered)
 - (rr) **Noturus munitus**: Frecklebelly Madtom (endangered)
 - (pp) **Percina antesella**: Amber Darter (endangered)
 - (tt) **Percina aurantiaca**: Tangerine Darter (endangered)
 - (uu) **Percina aurolineata**: Goldline Darter (endangered)
 - (vv) **Percina crypta**: Halloween Darter (threatened)
 - (ww) **Percina freemanorum**: Etowah Bridled Darter (endangered)
 - (xx) **Percina jenkinsi**: Conasauga Logperch (endangered)
 - (yy) **Percina kusha**: Bridled Darter (endangered)
 - (zz) **Percina lenticula**: Freckled Darter (endangered)
 - (aaa) **Percina smithvanizi**: Muscadine Darter (rare)
 - (bbb) **Percina squamata**: Olive Darter (endangered)
 - (ccc) **Percina uranidea**: Stargazing Darter (endangered)
 - (ddd) **Phenacobius crassilabrum**: Fatlips Minnow (endangered)
 - (eee) **Phenacobius uranops**: Stargazing Minnow (threatened)
 - (fff) **Pteronotropis euryzonus**: Broadstripe Shiner (rare)
 - (ggg) **Pteronotropis welaka**: Bluenose Shiner (threatened)
 - (hhh) **Typhlichthys subterraneus**: Southern Cavefish (endangered)
- (6) Invertebrates
- (a) **Alasmidonta arcula**: Altamaha Arcmussel (threatened)
 - (b) **Alasmidonta triangulata**: Southern Elktoe (endangered)

- (c) **Alasmidonta vericosa**: Brook Floater (threatened)
- (d) **Amblema neislerii**: Fat Threeridge (endangered)
- (e) **Amblyscirtes carolina**: Carolina Roadside-skipper (rare)
- (f) **Amblyscirtes reversa**: Reversed Roadside-skipper (rare)
- (g) **Athearnia anthonyi**: Anthony's Riversnail (endangered)
- (h) **Bombus affinis**: Rusty-patched Bumble Bee (endangered)
- (i) **Bombus fraternus**: Southern Plains Bumble Bee (rare)
- (j) **Bombus variabilis**: Variable Cuckoo Bumble Bee (endangered)
- (k) **Callophrys hesseli**: Hessel's Hairstreak (rare)
- (l) **Callophrys irus**: Frosted Elfin (threatened)
- (m) **Cambarus coosawattae**: Coosawattee Crayfish (endangered)
- (n) **Cambarus cryptodytes**: Dougherty Plain Cave Crayfish (threatened)
- (o) **Cambarus cymatilis**: Conasauga Blue Burrower (endangered)
- (p) **Cambarus doughertyensis**: Dougherty Burrowing Crayfish (endangered)
- (q) **Cambarus englishi**: Tallapoosa Crayfish (rare)
- (r) **Cambarus extraneus**: Chickamauga Crayfish (threatened)
- (s) **Cambarus fasciatus**: Etowah Crayfish (threatened)
- (t) **Cambarus georgiae**: Little Tennessee Crayfish (endangered)
- (u) **Cambarus harti**: Piedmont Blue Burrower (endangered)
- (v) **Cambarus howardi**: Chattahoochee Crayfish (threatened)
- (w) **Cambarus manningi**: Greensaddle Crayfish (threatened)
- (x) **Cambarus parrishi**: Hiwassee Headwaters Crayfish (endangered)
- (y) **Cambarus scotti**: Chattooga River Crayfish (threatened)
- (z) **Cambarus speciosus**: Beautiful Crayfish (endangered)
- (aa) **Cambarus strigosus**: Lean Crayfish (threatened)
- (bb) **Cambarus truncatus**: Oconee Burrowing Crayfish (threatened)
- (cc) **Cambarus unestami**: Blackbarred Crayfish (threatened)
- (dd) **Caupolicana electa**: Southeastern Fork-tongue Bee (rare)
- (ee) **Cryptoscatomaseter pholetus**: rare Pocket Gopher Aphodius Beetle (endangered)
- (ff) **Cyclocosmia torreya**: Torreya Trap-door Spider (rare)
- (gg) **Danaus plexippus**: Monarch (threatened)
- (hh) **Distocambarus devexus**: Broad River Burrowing Crayfish (threatened)
- (ii) **Elimia darwini**: Pup Elimia (endangered)
- (jj) **Elimia induta**: Gem Elimia (threatened)

(kk) **Elimia ornata**: Ornate Elimia (endangered)

(ll) **Elimia timida**: Timid Elimia (endangered)

(mm) **Elliptio arca**: Alabama Spike (endangered)

(nn) **Elliptio arctata**: Delicate Spike (endangered)

(oo) **Elliptio purpurella**: Inflated Spike (threatened)

(mm) **Elliptio spinosa**: Altamaha Spiny mussel (endangered)

(qq) **Elliptoideus sloatianus**: Purple Bankclimber (threatened)

(rr) **Erora laeta**: Early Hairstreak (rare)

(ss) **Erynnis martialis**: Mottled Duskywing (rare)

(tt) **Exyra fax**: Epauletted Pitcherplant Moth (rare)

(uu) **Exyra ridingsii**: Ridings' Pitcherplant Moth (rare)

(vv) **Exyra semicrocea**: Pitcherplant Mining Moth (rare)

(ww) **Hamiota altilis**: Finelined Pocketbook (threatened)

(xx) **Hamiota subangulata**: Shinyrayed Pocketbook (endangered)

(yy) **Leptoxis foremani**: Interrupted Rocksnail (endangered)

(zz) **Marstonia agarhecta**: Ocmulgee Marstonia (endangered)

(aaa) **Marstonia castor**: Beaverpond Marstonia (endangered)

(bbb) **Medionidus acutissimus**: Alabama Moccasinshell (threatened)

(ccc) **Medionidus parvulus**: Coosa Moccasinshell (endangered)

(ddd) **Medionidus penicillatus**: Gulf Moccasinshell (endangered)

(eee) **Medionidus simpsonianus**: Ochlockonee Moccasinshell (endangered)

(fff) **Medionidus walkeri**: Suwannee Moccasinshell (endangered)

(ggg) **Megathymus cofaqui**: Cofaqui Giant-skipper (rare)

(hhh) **Mycotrupes lethroides**: Large Mycotrupes (rare)

(iii) **Narraga georgiana**: Ohoopee Inchworm Moth (rare)

(jjj) **Ophiogomphus australis**: Southern Snaketail (endangered)

(kkk) **Ophiogomphus edmundi**: Edmund's Snaketail (endangered)

(lll) **Photinus acuminatus**: Pointy-lobed Firefly (rare)

(mmm) **Photuris forresti**: Loopy Five Firefly (threatened)

(nnn) **Pleurobema decisum**: Southern Clubshell (endangered)

(ooo) **Pleurobema georgianum**: Southern Pigtoe (endangered)

(ppp) **Pleurobema hanleyianum**: Georgia Pigtoe (endangered)

(qqq) **Pleurobema hartmanianum**: Cherokee Pigtoe (threatened)

(rrr) **Pleurobema pyriforme**: Oval Pigtoe (endangered)

- (sss) **Pleuronaia dolabelloides**: Slabside Pearlymussel (endangered)
- (nnn) **Problema bulenta**: rare Skipper (rare)
- (uuu) **Procambarus gibbus**: Muckalee Crayfish (threatened)
- (vvv) **Procambarus verrucosus**: Grainy Crayfish (rare)
- (www) **Procambarus versutus**: Sly Crayfish (rare)
- (xxx) **Pseudanophthalmus fastigatus**: Tapered Cave Beetle (endangered)
- (yyy) **Pseudodontoideus connasaugaensis**: Alabama Creekmussel (endangered)
- (zzz) **Ptychobranhus foremanianus**: Rayed Kidneyshell (endangered)
- (aaaa) **Ptychobranhus greenii**: Triangular Kidneyshell (endangered)
- (bbbb) **Satyrium kingi**: King's Hairstreak (rare)
- (cccc) **Somatogyrys alcoviensis**: Reverse Pebblesnail (endangered)
- (dddd) **Stenogomphurus consanguis**: Cherokee Clubtail (threatened)
- (eeee) **Strophitus connasaugaensis**: Alabama Creekmussel (endangered)
- (ffff) **Strophitus radiatus**: Rayed Creekshell (threatened)
- (gggg) **Strophitus subvexus**: Southern Creekmussel (endangered)
- (hhhh) **Telegonus cellus**: Golden-banded Skipper (rare)
- (iiii) **Toxolasma pullus**: Savannah Lilliput (threatened)
- (jjjj) **Utterbackiana heardi**: Apalachicola Floater (rare)
- (kkkk) **Zoraena sayi**: Say's Spiketail (rare)

(7) Plants

- (a) **Acmispon helleri**: Carolina Birdfoot-trefoil (threatened)
- (b) **Agalinis divaricata**: Pineland Agalinis (threatened)
- (c) **Agalinis georgiana**: Georgia Agalinis (endangered)
- (d) **Agalinis laxa**: Long-pedicelled Agalinis (threatened)
- (e) **Allium speculae**: Flatrock Onion (threatened)
- (f) **Alnus maritima ssp. georgiensis**: Georgia Alder (endangered)
- (g) **Amorpha georgiana**: Georgia Indigo-bush (endangered)
- (h) **Angelica dentata**: Sandhill Angelica (threatened)
- (i) **Arabis georgiana**: Georgia Rockcress (endangered)
- (j) **Arnoglossum diversifolium**: Variable-leaf Indian-plantain (rare)
- (k) **Asplenium heteroresiliens**: Wagner's Spleenwort (endangered)
- (l) **Astragalus michauxii**: Sandhill Milkvetch (rare)
- (m) **Aureolaria patula**: Cumberland Oak-leech (threatened)
- (n) ***Balduina atropurpurea**: Purple Honeycomb-head (threatened)

- (o) **Baptisia aberrans:** Glade Blue Wild Indigo (threatened)
- (p) **Baptisia arachnifera:** Hairy Rattleweed (endangered)
- (q) **Baptisia lecontei:** Leconte's Wild Indigo (threatened)
- (r) **Baptisia megacarpa:** Apalachicola Wild Indigo (endangered)
- (s) **Berberis canadensis:** American Barberry (threatened)
- (t) ***Brickellia cordifolia:** Flyr's Brickellia (rare)
- (u) **Calamovilfa arcuata:** Cumberland Sandreed (endangered)
- (v) **Calliphysalis carpenteri:** Carpenter's Ground-cherry (threatened)
- (w) **Carex acidicola:** Acid-loving Sedge (threatened)
- (x) **Carex baltzellii:** Baltzell's Sedge (threatened)
- (y) **Carex biltmoreana:** Biltmore Sedge (threatened)
- (z) **Carex fraseriana:** Fraser's Sedge (rare)
- (aa) **Carex misera:** Wretched Sedge (threatened)
- (bb) **Carex radfordii:** Radford's Sedge (threatened)
- (cc) **Carex thornei:** Thorne's Sedge (threatened)
- (dd) ***Ceratiola ericoides:** Sandhill Rosemary (rare)
- (ee) **Cetradonia linearis:** Rock Gnome (endangered)
- (ff) **Chamaecrista horizontalis:** Florida Senna (threatened)
- (gg) ***Chamaecyparis thyoides:** Atlantic White-cedar (rare)
- (hh) **Chelone cuthbertii:** Cuthbert's Turtlehead (threatened)
- (ii) **Cladonia prostrata:** Great Resurrection-scale (threatened)
- (jj) **Clematis fremontii:** Fremont's Leatherflower (threatened)
- (kk) **Clematis morefieldii:** Morefield's Leatherflower (endangered)
- (ll) **Clematis socialis:** Alabama Leatherflower (endangered)
- (mm) **Clematis terminalis:** Pine Mountain Leatherflower (endangered)
- (nn) **Clinopodium ashei:** Ohoopee Wild Basil (threatened)
- (oo) **Coreopsis integrifolia:** Ciliate-leaf Tickseed (endangered)
- (pp) **Coreopsis latifolia:** Broadleaf Tickseed (threatened)
- (qq) **Crataegus aemula:** Rome Hawthorn (endangered)
- (rr) **Crataegus austromontana:** Valley Head Hawthorn (endangered)
- (ss) **Crataegus triflora:** Three-flower Hawthorn (endangered)
- (tt) **Crocanthemum nashii:** Florida Scrub Sunrose (threatened)
- (uu) **Croomia pauciflora:** Croomia (threatened)
- (vv) **Ctenium floridanum:** Florida Orange-grass (endangered)

(tt) **Cuscuta harperi**: Harper's Dodder (endangered)

(xx) ***Cypripedium acaule**: Pink Lady's-slipper (unusual)

(yy) **Cypripedium kentuckiense**: Kentucky Lady's-slipper (threatened)

(zz) **Cypripedium parviflorum**: Yellow Lady's-slipper (rare)

(aaa) **Desmodium ochroleucum**: Cream-flowered Tick-trefoil (endangered)

(yy) **Dicerandra radfordiana**: Radford's Dicerandra (endangered)

(ccc) **Dichanthelium hirstii**: Hirst Brothers' Witchgrass (endangered)

(ddd) **Draba aprica**: Sun-loving Draba (threatened)

(eee) **Drepanolejeunea appalachiana**: Appalachian Threadwort (threatened)

(fff) **Eccremidium floridanum**: Florida Eccremidium Moss (endangered)

(ggg) **Echinacea laevigata**: Smooth Purple Coneflower (threatened)

(hhh) **Eleocharis angusticeps**: Narrowhead Spikerush (endangered)

(iii) **Elliottia racemosa**: Georgia Plume (threatened)

(jjj) **Eriocaulon koernickianum**: Dwarf Pipewort (endangered)

(kkk) ***Eryngium ravenellii**: Ravenel's Eryngo (threatened)

(lll) **Eupatorium anomalum**: Anomalous Eupatorium (threatened)

(mmm) **Euphorbia georgiana**: Georgia Spurge (endangered)

(nnn) **Euphorbia purpurea**: Glade Spurge (threatened)

(ooo) **Eustachys floridana**: Florida Finger Grass (endangered)

(ppp) **Evolvulus sericeus var. sericeus**: Creeping Morning-glory (threatened)

(qqq) **Fimbristylis brevivaginata**: Flatrock Fimbry (threatened)

(rrr) **Fimbristylis perpusilla**: Harper's Fimbry (endangered)

(sss) **Forestiera godfreyi**: Godfrey's Wild Privet (endangered)

(ttt) ***Forestiera segregata**: Florida Wild Privet (rare)

(ooo) ***Fothergilla gardenii**: Dwarf Witch-alder (rare)

(vvv) ***Fothergilla major**: Large Witch-alder (threatened)

(qqq) **Fothergilla milleri**: Miller's Witch-alder (endangered)

(xxx) **Fothergilla parvifolia**: Kearney's Witch-alder (endangered)

(yyy) **Gentianopsis crinita**: Fringed Gentian (threatened)

(zzz) **Gratiola amphantha**: Pool-sprite (threatened)

(aaaa) ***Hamamelis ovalis**: Bigleaf Witch-hazel (endangered)

(bbbb) **Hartwrightia floridana**: Hartwrightia (endangered)

(cccc) **Helianthus smithiorum**: Smith's Sunflower (threatened)

(dddd) **Helianthus verticillatus**: Whorled Sunflower (endangered)

(eeee) **Helonias bullata**: Swamp-Pink (threatened)

(ffff) ***Hydrastis canadensis**: Goldenseal (rare)

(gggg) **Hymenocallis coronaria**: Shoals Spiderlily (rare)

(hhhh) **Hymenocallis duvalensis**: Duval Spiderlily (threatened)

(iiii) **Hymenophyllum tayloriae**: Gorge Filmy Fern (endangered)

(jjjj) **Hypericum adpressum**: Bog St. Johnswort (threatened)

(kkkk) **Hypericum buckleii**: Blue Ridge St. Johnswort (threatened)

(llll) **Hypericum erythrae**: Georgia St. John's-wort (threatened)

(mmmm) **Ilex collina**: Mountain Longstalk Holly (threatened)

(nnnn) **Isoetes boomii**: Boom's Quillwort (endangered)

(oooo) **Isoetes georgiana**: Georgia Quillwort (threatened)

(pppp) **Isoetes hyemalis**: Winter Quillwort (endangered)

(qqqq) **Isoetes junciformis**: Rush Quillwort (endangered)

(rrrr) **Isoetes melanospora**: Black-spored Quillwort (endangered)

(ssss) **Isoetes tegetiformans**: Mat-forming Quillwort (endangered)

(tttt) **Isotria medeoloides**: Small Whorled Pogonia (threatened)

(uuuu) **Jamesianthus alabamensis**: Alabama Warbonnet (threatened)

(vvvv) **Juncus snowii**: Snow's Rush (endangered)

(wwww) **Kalmia carolina**: Carolina Bog Laurel (threatened)

(xxxx) **Leavenworthia exigua var. exigua**: Tennessee Gladecress (rare)

(yyyy) ***Leitneria floridana**: Corkwood (threatened)

(zzzz) **Lilium pyrophilum**: Sandhills Lily (endangered)

(aaaaa) **Lindera melissifolia**: Pondberry (endangered)

(bbbbb) **Lindera subcoriacea**: Bog Spicebush (threatened)

(ccccc) **Litsea aestivalis**: Pond Spice (rare)

(ddddd) **Lobaria tenuis**: Slender Lung Lichen (rare)

(eeeee) **Ludwigia spathulata**: Southern Water-purslane (threatened)

(fffff) **Lysimachia fraseri**: Fraser's Loosestrife (rare)

(ggggg) **Lysimachia graminea**: Grassleaf Loosestrife (endangered)

(hhhhh) **Lythrum curtissii**: Curtiss' Loosestrife (endangered)

(iiiiii) **Macbridea caroliniana**: Carolina Bogmint (endangered)

(jjjjj) **Macranthera flammea**: Flameflower (threatened)

(kkkkk) **Magnolia pyramidata**: Pyramid Magnolia (threatened)

(lllll) **Marshallia mohrii**: Coosa Barbara's-buttons (threatened)

(mmmmm) **Marshallia ramosa**: Pineland Barbara's-buttons (threatened)

(nnnnn) **Matelea alabamensis**: Alabama Milkvine (endangered)

(ooooo) **Matelea floridana**: Florida Milkvine (endangered)

(ppppp) **Matelea pubiflora**: Trailing Milkvine (rare)

(qqqqq) **Megaceros aenigmaticus**: Headwaters Hornwort (rare)

(rrrrr) **Melanthium woodii**: Ozark Bunchflower (rare)

(sssss) **Myriophyllum laxum**: Lax Water Milfoil (rare)

(ttttt) **Najas filifolia**: Narrowleaf Naiad (threatened)

(uuuuu) ***Neviusia alabamensis**: Alabama Snow-wreath (threatened)

(vvvvv) **Oenothera curtissii**: Curtiss' Evening-primrose (threatened)

(wwwww) **Orthochilus ecristatus**: Giant Orchid (threatened)

(xxxxx) **Packera millefolium**: Blue Ridge Ragwort (threatened)

(yyyyy) **Pedicularis lanceolata**: Swamp Lousewort (threatened)

(zzzzz) **Pedimelum piedmontanum**: Dixie Mountain Breadroot (endangered)

(aaaaa) **Penstemon dissectus**: Cutleaf Beardtongue (threatened)

(bbbbb) **Phacelia fimbriata**: Fringed Phacelia (threatened)

(ccccc) **Phacelia purshii**: Miami-mist (threatened)

(ddddd) **Pinguicula primuliflora**: Clearwater Butterwort (rare)

(eeeeee) **Pityopsis pinifolia**: Sandhill Golden-aster (rare)

(ffffff) **Platanthera chapmanii**: Chapman's Fringed Orchid (endangered)

(ggggg) **Platanthera integrilabia**: Monkeyface Orchid (threatened)

(hhhhh) **Pohlia rabunbaldensis**: Rabun Bald Feathermoss (endangered)

(iiiiii) **Portulaca biloba**: Grit Portulaca (endangered)

(jjjjj) **Ptilimnium ahlesii**: Coastal Bishopweed (endangered)

(kkkkk) **Ptilimnium nodosum**: Harperella (endangered)

(lllll) **Pycnanthemum beadleii**: Beadle's Mountain-mint (threatened)

(mmmmm) **Quercus oglethorpensis**: Oglethorpe Oak (rare)

(nnnnn) **Rhexia salicifolia**: Willowleaf Meadowbeauty (threatened)

(ooooo) ***Rhododendron prunifolium**: Plumleaf Azalea (threatened)

(ppppp) **Rhus michauxii**: Dwarf Sumac (endangered)

(qqqqq) **Rhynchospora culixa**: Georgia Beakrush (endangered)

(rrrrr) **Rhynchospora pleiantha**: Clonal Thread-leaved Beakrush (endangered)

(sssss) **Rhynchospora punctata**: Spotted Beakrush (endangered)

(ttttt) **Rhynchospora solitaria**: Solitary Beakrush (endangered)

(uuuuuu) **Rinodina chrysomelaena**: Lemon Pepper-spore (endangered)

(vvvvvv) ***Rudbeckia auriculata**: Swamp Black-eyed Susan (endangered)

(wwwwww) **Rudbeckia heliopsis**: Sunfacing Coneflower (endangered)

(xxxxxx) **Ruellia noctiflora**: Night-blooming Wild Petunia (threatened)

(yyyyyy) **Sabatia capitata**: Cumberland Rose Gentian (threatened)

(zzzzzz) **Sagittaria secundifolia**: Kral's Water-plantain (threatened)

(aaaaaa) ***Salix floridana**: Florida Willow (endangered)

(bbbbbb) ***Sarracenia flava**: Yellow Flytrap (unusual)

(cccccc) ***Sarracenia flava x leucophylla**: (unusual)

(dddddd) ***Sarracenia flava x minor**: (unusual)

(eeeeee) ***Sarracenia leucophylla**: Whitetop Pitcherplant (threatened)

(ffffff) ***Sarracenia minor var. minor**: Hooded Pitcherplant (unusual)

(gggggg) ***Sarracenia minor var. okefenokeensis**: (rare)

(hhhhhh) ***Sarracenia minor x psittacina**: (unusual)

(iiiiii) ***Sarracenia oreophila**: Green Pitcherplant (endangered)

(jjjjjj) ***Sarracenia psittacina**: Parrot Pitcherplant (rare)

(kkkkkk) ***Sarracenia purpurea var. montana**: Mountain Purple Pitcherplant (threatened)

(llllll) ***Sarracenia purpurea var. venosa**: Southern Purple Pitcherplant (threatened)

(mmmmmm) ***Sarracenia purpurea x flava**: (unusual)

(nnnnnn) ***Sarracenia rubra ssp. rubra**: Sweet Pitcherplant (threatened)

(oooooo) ***Sarracenia rubra ssp. viatorum**: Georgia Sweet Pitcherplant (rare)

(pppppp) ***Sarracenia rubra x minor**: (unusual)

(qqqqqq) ***Sarracenia rubra x psittacina**: (unusual)

(öööööö) **Schisandra glabra**: Bay Star-vine (rare)

(ssssss) **Schoenolirion albiflorum**: White Sunnybell (threatened)

(tttttt) **Schwalbea americana**: Chaffseed (endangered)

(cccccc) **Scutellaria altamaha**: Altamaha Skullcap (threatened)

(vvvvvv) **Scutellaria mellichampii**: Mellichamp's Skullcap (threatened)

(wwwwww) **Scutellaria montana**: Large-flowered Skullcap (threatened)

(xxxxxx) **Scutellaria ocmulgee**: Ocmulgee Skullcap (endangered)

(yyyyyy) **Sedum nevii**: Nevius Stonecrop (threatened)

(zzzzzz) **Sedum pusillum**: Granite Stonecrop (rare)

(aaaaaa) ***Shortia galacifolia**: Oconee Bells (threatened)

(bbbbbb) ***Sideroxylon alachuense**: Silver Buckthorn (endangered)

(cccccccc) **Sideroxylon macrocarpum**: Ohoopsee Bumelia (rare)

(ddddddddd) **Sideroxylon thornei**: Swamp Buckthorn (rare)

(eeeeeeee) **Silene catesbyi**: Fringed Campion (endangered)

(fffffffff) ***Silene ovata**: Ovate Catchfly (rare)

(ggggggggg) ***Silene regia**: Royal Catchfly (threatened)

(hhhhhhhhh) **Solidago simulans**: Cliffside Goldenrod (endangered)

(iiiiiii) **Spiraea virginiana**: Virginia Spirea (endangered)

(jjjjjjjjj) **Spiranthes longilabris**: Giant Spiral Ladies-tresses (threatened)

(kkkkkkkkk) ***Stewartia malacodendron**: Silky Camellia (threatened)

(lllllllll) **Thalictrum cooleyi**: Cooley's Meadowrue (endangered)

(mmmmmmmmm) **Thalictrum debile**: Trailing Meadowrue (endangered)

(nnnnnnnnn) **Thaspium pinnatifidum**: Glade Meadowparsnip (endangered)

(ooooooooo) **Tiedemannia canbyi**: Canby's Dropwort (endangered)

(ppppppppp) **Torreya taxifolia**: Florida Torreya (endangered)

(qqqqqqqqq) **Trillium delicatum**: Ocmulgee Trillium (endangered)

(rrrrrrrrr) **Trillium discolor**: Pale Yellow Trillium (threatened)

(sssssssss) **Trillium georgianum**: Georgia Dwarf Trillium (endangered)

(ttttttttt) **Trillium persistens**: Persistent Trillium (endangered)

(uuuuuuuuu) **Trillium reliquum**: Relict Trillium (endangered)

(vvvvvvvvv) **Trillium simile**: Sweet White Trillium (threatened)

(wwwwwwwww) ***Tsuga caroliniana**: Carolina Hemlock (endangered)

(xxxxxxxxx) ***Viburnum bracteatum**: Limerock Arrow-wood (endangered)

(yyyyyyyyy) **Warea sessilifolia**: Sandhill-cress (threatened)

(zzzzzzzzz) **Xyris tennesseensis**: Tennessee Yellow-eyed Grass (endangered)

STRIKETHROUGH VERSION
(ADDITIONS ARE UNDERLINED AND DELETIONS ARE ~~STRIKETHROUGH~~)

**RULES
OF
GEORGIA DEPARTMENT OF NATURAL RESOURCES**

**CHAPTER 391-4
WILDLIFE RESOURCES**

**SUBJECT 391-4-10
PROTECTION OF ENDANGERED, THREATENED, RARE, OR UNUSUAL SPECIES**

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RULE 391-4-10-.07 EXCEPTIONS

RULE 391-4-10-.09 PROTECTED SPECIES OF PLANTS AND ANIMALS

Rule 391-4-10-.07 Exceptions.

(1) **Permits.** The Department may issue permits for the collection, transportation, and/or possession of protected plant and animal species. Such permits do not alleviate the responsibility to acquire specific federal permits, if required.

(2) **Protected Crayfish Species.** The collection of state protected crayfish species (those species included in) while collecting fishing bait is authorized without permit under the following conditions:

(a) State protected crayfish species may not be collected from crayfish burrows (i.e., "crayfish chimneys") in any manner, including burrow excavation or setting traps or other devices within, on or near the entrance to the burrow.

(b) State protected crayfish species may not be exported from the state of Georgia.

(3) **Peregrine Falcon Take for Falconry Purposes.** The Department may issue up to five (5) annual permits for the trapping and possession of wild peregrine falcons for falconry purposes in accordance with the framework established by the United States Fish and Wildlife Service and as may be appropriate based on sound wildlife management principles. Trapping is allowed only during September 20 through October 20 and only within Chatham, Bryan, Liberty, McIntosh, Glynn, and Camden counties. Only wild peregrines trapped during their first year (passage birds) may be kept. Permits are issued based upon a random drawing of qualified applicants. Preference is given to Georgia residents such that most permits are issued to qualified resident applicants.

(a) To qualify, an applicant shall be a licensed Master Falconer, or a licensed General Falconer with at least 5 years of licensed falconry experience.

(b) When trapping or attempting to trap a peregrine falcon, a person shall have on their person a current peregrine falcon take permit from the Department, a valid Georgia hunting license, and a valid falconry license.

(c) A peregrine falcon take permit does not authorize any person possessing said permit to commit any act inconsistent with O.C.G.A. 27-2-17.

(d) Said permit may be revoked in accordance with the provisions of the Game and Fish Code.

(4) **Protected Plant Species.** The sale, possession and transportation of protected plant species denoted by an asterisk in 391-4-10.09 is authorized without permit under the following conditions:

(a) The plants are propagated from pre-existing horticultural material.

(b) Documentation of plant origin must be retained by the seller.

(c) This exception does not alleviate the responsibility to acquire specific federal permits, if required.

Authority: O.C.G.A. §§ 12-6-3 and 27-3-5

Rule 391-4-10-.09 Protected Species of Plants and Animals.

(1) Mammals:

- (a) **Corynorhinus rafinesquii**: Rafinesque's Big-eared Bat (rare)
- (b) **Eubalaena glacialis**: North Atlantic Right Whale (endangered)
- (c) **Geomys pinetis**: Southeastern Pocket Gopher (threatened)
- (d) **Lasiurus cinereus**: Hoary Bat (rare)
- (e) **Myotis lucifugus**: Eastern Little Brown Bat (endangered)
- (f) **Myotis septentrionalis**: Northern Long-eared Bat (endangered)
- (d) ~~**Megaptera novaeangliae**: Humpback Whale (endangered)~~
- (e) ~~**Myotis grisescens**: Gray Bat (endangered)~~
- (g) **Myotis sodalis**: Indiana Bat (endangered)
- (g) **Neofiber alleni**: Round-tailed Muskrat (threatened)
- (i) **Perimyotis subflavus**: Tricolored Bat (endangered)
- (h) ~~**Puma concolor coryi**: Florida Panther (endangered)~~
- (j) **Spilogale putorius**: Eastern Spotted Skunk (rare)
- (k) **Sylvilagus obscurus**: Appalachian Cottontail (~~rare~~ threatened)
- (l) **Trichechus manatus**: West Indian Manatee (endangered)

(2) Birds:

- (a) ~~**Aimophila aestivalis**: Bachman's Sparrow (rare)~~
- (b) ~~**Ammodramus henslowii**: Henslow's Sparrow (rare)~~
- (a) **Ammospiza caudacuta**: Saltmarsh Sparrow (threatened)
- (b) **Ammospiza maritima macgillivraii**: MacGillivray's Seaside Sparrow (rare)
- (c) **Anarhynchus wilsonia**: Wilson's Plover (threatened)
- (d) **Antigone canadensis pratensis**: Florida Sandhill Crane (rare)
- (e) **Calidris canutus rufa**: Red Knot (~~rare~~ threatened)
- (f) **Centronyx henslowii**: Henslow's Sparrow (rare)
- (d) ~~**Campephilus principalis**: Ivory-billed Woodpecker (endangered)~~
- (g) **Charadrius melodus**: Piping Plover (threatened)
- (f) ~~**Charadrius wilsonia**: Wilson's Plover (threatened)~~
- (g) ~~**Corvus corax**: Common Raven (rare)~~
- (h) ~~**Dendroica cerulea**: Cerulean Warbler (rare)~~
- (i) ~~**Dendroica kirtlandii**: Kirtland's Warbler (endangered)~~

- (h) **Dryobates borealis**: Red-cockaded Woodpecker (threatened)
- (i) **Elanoides forficatus**: Swallow-tailed Kite (rare)
- (j) **Falco peregrinus**: Peregrine Falcon (rare)
- (k) **Falco sparverius paulus**: Southeastern American Kestrel (rare)
- (l) **Gelochelidon nilotica**: Gull-billed Tern (threatened)
- (m) **Grus americana**: Whooping Crane (endangered)
- (n) **Haematopus palliatus**: American Oystercatcher (rare)
- (o) **Haliaeetus leucocephalus**: Bald Eagle (~~threatened~~ rare)
- (p) **Laterallus jamaicensis jamaicensis**: Eastern Black Rail (threatened)
- (q) **Mycteria americana**: Wood Stork (~~endangered~~ threatened)
- ~~(p) **Picoides borealis**: Red-cockaded Woodpecker (endangered)~~
- (r) **Numenius hudsonicus**: Hudsonian Whimbrel (rare)
- (s) **Peucaea aestivalis**: Bachman's Sparrow (rare)
- (t) **Rynchops niger**: Black Skimmer (rare)
- (u) **Setophaga cerulea**: Cerulean Warbler (rare)
- (v) **Setophaga kirtlandii**: Kirtland's Warbler (threatened)
- (w) **Sternula antillarum**: Least Tern (rare)
- ~~(s) **Sterna nilotica**: Gull-billed Tern (threatened)~~
- (x) **Vermivora chrysoptera**: Golden-winged Warbler (endangered)

(3) Reptiles:

- (a) **Caretta caretta**: Loggerhead Sea Turtle (~~endangered~~ threatened)
- (b) **Chelonia mydas**: Green Sea Turtle (threatened)
- (c) **Clemmys guttata**: Spotted Turtle (unusual)
- (d) **Crotalus adamanteus**: Eastern Diamond-backed Rattlesnake (threatened)
- (e) **Dermochelys coriacea**: Leatherback Sea Turtle (endangered)
- (f) **Drymarchon couperi**: Eastern Indigo Snake (threatened)
- (g) **Eretmochelys imbricata**: Hawksbill Sea Turtle (endangered)
- (h) **Glyptemys muhlenbergii**: Bog Turtle (endangered)
- (i) **Gopherus polyphemus**: Gopher Tortoise (threatened)
- (j) **Graptemys barbouri**: Barbour's Map Turtle (threatened)
- (k) **Graptemys geographica**: ~~Common~~ Northern Map Turtle (~~rare~~ unusual)
- (l) **Graptemys pulchra**: Alabama Map Turtle (~~rare~~ threatened)
- (m) **Heterodon simus**: Southern Hognose Snake (threatened)

- (n) **Lepidochelys kempii**: Kemp's Ridley Sea Turtle (endangered)
- (o) **Macrochelys suwanniensis**: Suwannee Alligator Snapping Turtle (endangered)
- (p) **Macrochelys temminckii**: Western Alligator Snapping Turtle (threatened)
- (q) **Malaclemys terrapin**: Diamondback Terrapin (unusual)
- (r) **Ophisaurus mimicus**: Mimic Glass Lizard (~~rare~~ endangered)

(4) Amphibians:

- (a) **Ambystoma bishopi**: Reticulated Flatwoods Salamander (endangered)
- (b) **Ambystoma cingulatum**: Frosted Flatwoods Salamander (~~threatened~~ endangered)
- (c) **Amphiuma pholeter**: One-toed Amphiuma (rare)
- (d) **Aneides aeneus**: Green Salamander (rare)
- (e) **Cryptobranchus alleganiensis**: Hellbender (threatened)
- (f) **Eurycea wallacei**: Georgia Blind Salamander (threatened)
- (g) **Gyrinophilus palleucus**: Tennessee Cave Salamander (threatened)
- (f) ~~**Haideotriton wallacei**: Georgia Blind Salamander (threatened)~~
- (h) **Lithobates capito**: Gopher Frog (rare)
- (i) **Notophthalmus perstriatus**: Striped Newt (threatened)
- (j) **Plethodon petraeus**: Pigeon Mountain Salamander (rare)
- (k) **Pseudacris ornata**: Ornate Chorus Frog (unusual)
- (i) ~~**Rana capito**: Gopher Frog (rare)~~
- (l) **Urspelerpes brucei**: Patch-nosed Salamander (unusual)

(5) Fishes:

- (a) **Acipenser brevirostrum**: Shortnose Sturgeon (endangered)
- (b) **Acipenser oxyrinchus**: Atlantic Sturgeon (endangered)
- (c) **Alburnops asperifrons**: Burrhead Shiner (threatened)
- (d) **Alburnops hypsilepis**: Highscale Shiner (rare)
- (e) **Alosa alabamiae**: Alabama Shad (~~threatened~~ endangered)
- (f) **Ameiurus serracanthus**: Spotted Bullhead (~~rare~~ threatened)
- (g) **Chrosomus tennesseensis**: Tennessee Dace (endangered)
- (h) **Cyprinella caerulea**: Blue Shiner (endangered)
- (i) **Cyprinella callitaenia**: Bluestripe Shiner (rare)
- (j) **Cyprinella xaenura**: Altamaha Shiner (~~threatened~~ rare)
- (k) **Elassoma okatie**: Bluebarred Pygmy Sunfish (endangered)
- (l) **Enneacanthus chaetodon**: Blackbanded Sunfish (endangered)

- (m) **Erimystax insignis**: Blotched Chub (~~endangered~~ threatened)
- (n) **Etheostoma brevirostrum**: Holiday Darter (endangered)
- ~~(k) **Etheostoma chlorbranchium**: Greenfin Darter (threatened)~~
- ~~(l) **Etheostoma chuckwachatte**: Lipstick Darter (endangered)~~
- (o) **Etheostoma ditrema**: Coldwater Darter (endangered)
- (p) **Etheostoma duryi**: Blackside Snubnose Darter (rare)
- ~~(e) **Etheostoma etowahae**: Etowah Darter (endangered)~~
- (q) **Etheostoma parvipinne**: Goldstripe Darter (rare)
- (r) **Etheostoma rupestre**: Rock Darter (rare)
- (s) **Etheostoma scotti**: Cherokee Darter (threatened)
- (t) **Etheostoma tallapoosae**: Tallapoosa Darter (rare)
- (u) **Etheostoma trisella**: Trispot Darter (endangered)
- ~~(u) **Etheostoma vulneratum**: Wounded Darter (endangered)~~
- (v) **Fundulus bifax**: Stippled Studfish (endangered)
- (w) **Fundulus catenatus**: Northern Studfish (rare)
- (x) **Hemitremia flammea**: Flame Chub (endangered)
- (y) **Hybopsis lineapunctata**: Lined Chub (rare)
- (z) **Ichthyomyzon bdellium**: Ohio Lamprey (rare)
- (aa) **Lucania goodei**: Bluefin Killifish (rare)
- (bb) **Macrhybopsis sp. etnieri**: Coosa Chub (endangered)
- (cc) **Micropterus calliurus**: Altamaha Bass (endangered)
- (dd) **Micropterus cataractae**: Shoal Bass (rare)
- (ee) **Micropterus chattahoochae**: Chattahoochee Bass (endangered)
- (ff) **Micropterus notius**: Suwannee Bass (rare)
- (gg) **Micropterus pucpuggy**: Bartram's Bass (threatened)
- (hh) **Micropterus tallapoosae**: Tallapoosa Bass (rare)
- ~~(dd) **Moxostoma carinatum**: River Redhorse (rare)~~
- (ii) **Moxostoma robustum**: Robust Redhorse (endangered)
- (jj) **Moxostoma sp. ugdatli**: Sicklefins Redhorse (endangered)
- (kk) **Nothonotus chlorbranchius**: Greenfin Darter (threatened)
- (ll) **Nothonotus chuckwachatte**: Lipstick Darter (endangered)
- (mm) **Nothonotus etowahae**: Etowah Darter (endangered)
- (nn) **Nothonotus vulneratus**: Wounded Darter (endangered)
- (oo) **Notropis ariommus**: Popeye Shiner (endangered)

- ~~(hh) **Notropis asperifrons**: Burrhead Shiner (threatened)~~
- ~~(ii) **Notropis hypsilepis**: Highscale Shiner (rare)~~
- (pp) **Notropis photogenis**: Silver Shiner (~~endangered~~ rare)
- ~~(kk) **Notropis septicus**: Sandbar Shiner (rare)~~
- (qq) **Noturus eleutherus**: Mountain Madtom (endangered)
- (rr) **Noturus munitus**: Frecklebelly Madtom (endangered)
- (ss) **Percina antesella**: Amber Darter (endangered)
- (tt) **Percina aurantiaca**: Tangerine Darter (endangered)
- (uu) **Percina aurolineata**: Goldline Darter (endangered)
- (vv) **Percina crypta**: Halloween Darter (threatened)
- (ww) **Percina freemanorum**: Etowah Bridled Darter (endangered)
- (xx) **Percina jenkinsi**: Conasauga Logperch (endangered)
- (yy) **Percina kusha**: Bridled Darter (endangered)
- (zz) **Percina lenticula**: Freckled Darter (endangered)
- ~~(ss) **Percina seiera**: Dusky Darter (rare)~~
- ~~(tt) **Percina shumardi**: River Darter (endangered)~~
- ~~(uu) **Percina sp.**: Halloween Darter (threatened)~~
- (aaa) **Percina sp. smithvanizi**: Muscadine Darter (rare)
- ~~(ww) **Percina sp.**: Upland Bridled Darter (endangered)~~
- (bbb) **Percina squamata**: Olive Darter (endangered)
- ~~(yy) **Percina tanasi**: Snail Darter (endangered)~~
- (ccc) **Percina uranidea**: Stargazing Darter (endangered)
- (ddd) **Phenacobius crassilabrum**: Fatlips Minnow (endangered)
- (eee) **Phenacobius uranops**: Stargazing Minnow (threatened)
- ~~(bbb) **Phoxinus tennesseensis**: Tennessee Dace (endangered)~~
- (fff) **Pteronotropis euryzonus**: Broadstripe Shiner (rare)
- (ggg) **Pteronotropis welaka**: Bluenose Shiner (threatened)
- (hhh) **Typhlichthys subterraneus**: Southern Cavefish (endangered)

(6) Invertebrates:

- (a) **Alasmidonta arcula**: Altamaha Arcmussel (threatened)
- (b) **Alasmidonta triangulata**: Southern Elktoe (endangered)
- (c) **Alasmidonta vericosa**: Brook Floater (threatened)
- (d) **Amblema neislerii**: Fat Threeridge (endangered)

- (e) **Amblyscirtes carolina**: Carolina Roadside-skipper (rare)
- (f) **Amblyscirtes reversa**: Reversed Roadside-skipper (rare)
- ~~(d) **Anodonta heardi**: Apalachicola Floater (rare)~~
- ~~(e) **Anodontoides radiatus**: Rayed Creekshell (threatened)~~
- (g) **Athearnia anthonyi**: Anthony's Riversnail (endangered)
- (h) **Bombus affinis**: Rusty-patched Bumble Bee (endangered)
- (i) **Bombus fraternus**: Southern Plains Bumble Bee (rare)
- (j) **Bombus variabilis**: Variable Cuckoo Bumble Bee (endangered)
- (k) **Callophrys hesseli**: Hessel's Hairstreak (rare)
- (l) **Callophrys irus**: Frosted Elfin (threatened)
- (m) **Cambarus coosawattae**: Coosawattee Crayfish (endangered)
- (n) **Cambarus cryptodytes**: Dougherty Plain Cave Crayfish (threatened)
- (o) **Cambarus cymatilis**: Conasauga Blue Burrower (endangered)
- (p) **Cambarus doughertyensis**: Dougherty Burrowing Crayfish (endangered)
- (q) **Cambarus englishi**: Tallapoosa Crayfish (rare)
- (r) **Cambarus extraneus**: Chickamauga Crayfish (threatened)
- (s) **Cambarus fasciatus**: Etowah Crayfish (threatened)
- (t) **Cambarus georgiae**: Little Tennessee Crayfish (endangered)
- (u) **Cambarus harti**: Piedmont Blue Burrower (endangered)
- (v) **Cambarus howardi**: Chattahoochee Crayfish (threatened)
- (w) **Cambarus manningi**: Greensaddle Crayfish (threatened)
- (x) **Cambarus parrishi**: Hiwassee Headwaters Crayfish (endangered)
- (y) **Cambarus scotti**: Chattooga River Crayfish (threatened)
- (z) **Cambarus speciosus**: Beautiful Crayfish (endangered)
- (aa) **Cambarus strigosus**: Lean Crayfish (threatened)
- (bb) **Cambarus truncatus**: Oconee Burrowing Crayfish (threatened)
- (cc) **Cambarus unestami**: Blackbarred Crayfish (threatened)
- (dd) **Caupolicana electa**: Southeastern Fork-tongue Bee (rare)
- ~~(v) **Cordulegaster sayi**: Say's Spiketail (threatened)~~
- (ee) **Cryptoscatomaseter pholetus**: rare Pocket Gopher Aphodius Beetle (endangered)
- (ff) **Cyclocosmia torreyi**: Torrey's Trap-door Spider (rare)
- (gg) **Danaus plexippus**: Monarch (threatened)
- (hh) **Distocambarus devexus**: Broad River Burrowing Crayfish (threatened)
- (ii) **Elimia darwini**: Pup Elimia (endangered)

- (jj) **Elimia induta**: Gem Elimia (threatened)
- (kk) **Elimia ornata**: Ornate Elimia (endangered)
- (ll) **Elimia timida**: Timid Elimia (endangered)
- (mm) **Elliptio arca**: Alabama Spike (endangered)
- (nn) **Elliptio arctata**: Delicate Spike (endangered)
- (oo) **Elliptio purpurella**: Inflated Spike (threatened)
- (pp) **Elliptio spinosa**: Altamaha Spiny mussel (endangered)
- (qq) **Elliptoideus sloatianus**: Purple Bankclimber (threatened)
- ~~(ee) **Epioblasma metastriata**: Upland Combshell (endangered)~~
- ~~(dd) **Epioblasma othealoogensis**: Southern Acornshell (endangered)~~
- (rr) **Erora laeta**: Early Hairstreak (rare)
- (ss) **Erynnis martialis**: Mottled Duskywing (rare)
- (tt) **Exyra fax**: Epauletted Pitcherplant Moth (rare)
- (uu) **Exyra ridingsii**: Ridings' Pitcherplant Moth (rare)
- (vv) **Exyra semicrocea**: Pitcherplant Mining Moth (rare)
- ~~(ee) **Fusconaia masoni**: Atlantic Pigtoe (endangered)~~
- ~~(ff) **Gomphus consanguis**: Cherokee Clubtail (threatened)~~
- (ww) **Hamiota altilis**: Fine-lined Pocketbook (threatened)
- (xx) **Hamiota subangulata**: Shinyrayed Pocketbook (endangered)
- (yy) **Leptoxis foremani**: Interrupted Rocksnail (endangered)
- (zz) **Marstonia agarhecta**: Ocmulgee Marstonia (endangered)
- (aaa) **Marstonia castor**: Beaverpond Marstonia (endangered)
- (bbb) **Medionidus acutissimus**: Alabama Moccasinshell (threatened)
- (ccc) **Medionidus parvulus**: Coosa Moccasinshell (endangered)
- (ddd) **Medionidus penicillatus**: Gulf Moccasinshell (endangered)
- (eee) **Medionidus simpsonianus**: Ochlockonee Moccasinshell (endangered)
- (fff) **Medionidus walkeri**: Suwannee Moccasinshell (endangered)
- (ggg) **Megathymus cofaqui**: Cofaqui Giant-skipper (rare)
- (hhh) **Mycotrupes lethroides**: Large Mycotrupes (rare)
- (iii) **Narraga georgiana**: Ohoopee Inchworm Moth (rare)
- (jjj) **Ophiogomphus australis**: Southern Snaketail (endangered)
- (kkk) **Ophiogomphus edmundi**: Edmund's Snaketail (endangered)
- (lll) **Photinus acuminatus**: Pointy-lobed Firefly (rare)
- (mmm) **Photuris forresti**: Loopy Five Firefly (threatened)

- (nnn) **Pleurobema decisum**: Southern Clubshell (endangered)
- (ooo) **Pleurobema georgianum**: Southern Pigtoe (endangered)
- (ppp) **Pleurobema hanleyianum**: Georgia Pigtoe (endangered)
- (qqq) **Pleurobema hartmanianum**: Cherokee Pigtoe (threatened)
- (rrr) **Pleurobema pyriforme**: Oval Pigtoe (endangered)
- (sss) **Pleuonaia dolabelloides**: Slabside Pearlymussel (endangered)
- (ttt) **Problema bulenta**: Rare Skipper (rare)
- (uuu) **Procambarus gibbus**: Muckalee Crayfish (threatened)
- (vvv) **Procambarus verrucosus**: Grainy Crayfish (rare)
- (www) **Procambarus versutus**: Sly Crayfish (rare)
- (xxx) **Pseudanophthalmus fastigatus**: Tapered Cave Beetle (endangered)
- (yyy) **Pseudodontoideus connasaugaensis**: Alabama Creekmussel (endangered)
- (zzz) **Ptychobranchus foremanianus**: Rayed Kidneyshell (endangered)
- (aaaa) **Ptychobranchus greenii**: Triangular Kidneyshell (endangered)
- (bbbb) **Satyrium kingi**: King's Hairstreak (rare)
- (cccc) **Somatogyrus alcoviensis**: Reverse Pebblesnail (endangered)
- (dddd) **Stenogomphurus consanguis**: Cherokee Clubtail (threatened)
- (eeee) **Strophitus connasaugaensis**: Alabama Creekmussel (endangered)
- (ffff) **Strophitus radiatus**: Rayed Creekshell (threatened)
- (gggg) **Strophitus subvexus**: Southern Creekmussel (endangered)
- (hhhh) **Telegonus cellus**: Golden-banded Skipper (rare)
- (iiii) **Toxolasma pullus**: Savannah Lilliput (threatened)
- (jjjj) **Utterbackiana heardi**: Apalachicola Floater (rare)
- (kkkk) **Zoraena sayi**: Say's Spiketail (rare)

(7) Plants:

- (a) **Acmispon helleri**: Carolina Birdfoot-trefoil (threatened)
- (b) **Agalinis divaricata**: Pineland Agalinis (threatened)
- (c) **Agalinis georgiana**: Georgia Agalinis (endangered)
- (d) **Agalinis laxa**: Long-pedicelled Agalinis (threatened)
- (e) **Allium speculae**: Flatrock Onion (threatened)
- (f) **Alnus maritima ~~subsp.~~ ssp. georgiensis**: Georgia Alder (~~threatened~~ endangered)
- (g) **Amorpha georgiana**: Georgia Indigo-bush (endangered)
- (d) **Amphianthus pusillus**: Pool Sprite (threatened)

- (h) **Angelica dentata**: Sandhill Angelica (threatened)
- (i) **Arabis georgiana**: Georgia Rockcress (~~threatened~~ endangered)
- (j) **Arnoglossum diversifolium**: Variable-leaf Indian-plantain (~~threatened~~ rare)
- (g) ~~**Aselepias purpurascens**~~: Purple Milkweed (~~rare~~)
- (k) **Asplenium heteroresiliens**: ~~Marl~~ Wagner's Spleenwort (~~threatened~~ endangered)
- (l) **Astragalus michauxii**: Sandhill Milk-vetch (~~threatened~~ rare)
- (m) **Aureolaria patula**: ~~Spreading Yellow Foxglove~~ Cumberland Oak-leech (threatened)
- (n) ***Balduina atropurpurea**: Purple Honeycomb-hHead (~~rare~~ threatened)
- (o) **Baptisia aberrans**: Glade Blue Wild Indigo (threatened)
- (p) **Baptisia arachnifera**: Hairy Rattleweed (endangered)
- (q) **Baptisia lecontei**: Leconte's Wild Indigo (threatened)
- (r) **Baptisia megacarpa**: Apalachicola Wild Indigo (endangered)
- (s) **Berberis canadensis**: American Barberry (~~endangered~~ threatened)
- (t) ***Brickellia cordifolia**: Heartleaf Flyr's Brickellia (~~threatened~~ rare)
- ~~(e) **Calamagrostis porteri**: Porter's Reed-grass (rare)~~
- ~~(p) **Calamintha ashei**: Ochoopee Wild Basil (threatened)~~
- (u) **Calamovilfa arcuata**: Cumberland Sandreed (endangered)
- (v) **Calliphysalis carpenteri**: Carpenter's Ground-cherry (threatened)
- (w) **Carex acidicola**: Acid-loving Sedge (threatened)
- (x) **Carex baltzellii**: Baltzell's Sedge (~~endangered~~ threatened)
- (y) **Carex biltmoreana**: ~~Granite Dome~~ Biltmore Sedge (threatened)
- (s) ~~**Carex dasycarpa**: Velvet Sedge (rare)~~
- (z) **Carex fraseriana**: Fraser's Sedge (rare)
- (aa) **Carex misera**: Wretched Sedge (threatened)
- (bb) **Carex radfordii**: Radford's Sedge (threatened)
- (cc) **Carex thornei**: Thorne's Sedge (threatened)
- ~~(v) **Carya myristiciformis**: Nutmeg Hickory (rare)~~
- (dd) ***Ceratiola ericoides**: Sandhill Rosemary (~~threatened~~ rare)
- (ee) **Cetradonia linearis**: Rock Gnome (endangered)
- (ff) **Chamaecrista horizontalis**: Florida Senna (threatened)
- (gg) ***Chamaecyparis thyoides**: Atlantic White-cedar (rare)
- (hh) **Chelone cuthbertii**: Cuthbert's Turtlehead (threatened)
- (ii) **Cladonia prostrata**: Great Resurrection-scale (threatened)
- (jj) **Clematis fremontii**: Fremont's Leatherflower (~~endangered~~ threatened)

- (ll) **Clematis socialis**: Alabama Leatherflower (endangered)
- (mm) **Clematis terminalis**: Pine Mountain Leatherflower (endangered)
- (nn) **Clinopodium ashei**: Ochoopee Wild Basil (threatened)
- (bb) ~~**Convallaria majuscula**: American Lily of the valley (rare)~~
- (oo) **Coreopsis integrifolia**: Floodplain Ciliate-leaf Tickseed (~~threatened~~ endangered)
- (pp) **Coreopsis latifolia**: Broadleaf Tickseed (~~rare~~ threatened)
- (qq) **Crataegus aemula**: Rome Hawthorn (endangered)
- (rr) **Crataegus austromontana**: Valley Head Hawthorn (endangered)
- (ss) **Crataegus triflora**: Three-flowered Hawthorn (~~threatened~~ endangered)
- (tt) **Crocanthemum nashii**: Florida Scrub Sunrose (threatened)
- (uu) **Croomia pauciflora**: Croomia (threatened)
- (vv) **Ctenium floridanum**: Florida Orange-grass (endangered)
- (ww) **Cuscuta harperi**: Harper's Dodder (endangered)
- (hh) ~~**Cymophyllus fraserianus**: Fraser's Sedge (threatened)~~
- (xx) ***Cypripedium acaule**: Pink ~~Ladyslipper~~ Lady's-slipper (unusual)
- (yy) **Cypripedium kentuckiense**: Kentucky ~~Ladyslipper~~ Lady's-slipper (~~endangered~~ threatened)
- (zz) **Cypripedium parviflorum**: Yellow ~~Ladyslipper~~ Lady's-slipper (rare)
- (aaa) **Desmodium ochroleucum**: Cream-flowered Tick-trefoil (~~threatened~~ endangered)
- (bbb) **Dicerandra radfordiana**: Radford's ~~Mint~~ Dicerandra (endangered)
- (ccc) **Dicanthelium hirstii**: Hirst's Brothers' Witchgrass ~~Witch Grass~~ (endangered)
- (ddd) **Draba aprica**: Sun-loving Draba (~~endangered~~ threatened)
- (eee) **Drepanolejeunea appalachiana**: Appalachian Threadwort (threatened)
- (fff) **Eccremidium floridanum**: Florida Eccremidium Moss (endangered)
- (ggg) **Echinacea laevigata**: Smooth Purple Coneflower (~~endangered~~ threatened)
- (hhh) **Eleocharis angusticeps**: Narrowhead Spikerush (endangered)
- (iii) **Elliottia racemosa**: Georgia Plume (threatened)
- (rr) ~~**Epidendrum conopseum**: Greenfly Orchid (unusual)~~
- (jjj) **Eriocaulon koernickianum**: Dwarf ~~Hatpins~~ Pipewort (endangered)
- (kkk) ***Eryngium ravenellii**: Ravenel's Eryngo (threatened)
- (lll) **Eupatorium anomalum**: Anomalous Eupatorium (threatened)
- (mmm) **Euphorbia georgiana**: Georgia Spurge (endangered)
- (nnn) **Euphorbia purpurea**: Glade Spurge (threatened)
- (ooo) **Eustachys floridana**: Florida Finger Grass (endangered)
- (ppp) **Evolvulus sericeus** var. sericeus: Creeping Silky Morning-glory (~~endangered~~ threatened)

- (qqq) **Fimbristylis brevivaginata**: Flatrock Fimbry (threatened)
- (rrr) **Fimbristylis perpusilla**: Harper's Fimbry (endangered)
- (sss) **Forestiera godfreyi**: Godfrey's Wild Privet (endangered)
- (ttt) ***Forestiera segregata**: Florida Wild Privet (rare)
- (uuu) ***Fothergilla gardenii**: Dwarf Witch-alder (~~threatened~~ rare)
- (vvv) ***Fothergilla major**: ~~Mountain-Large~~ Witch-alder (threatened)
- (www) **Fothergilla milleri**: Miller's Witch-alder (endangered)
- (xxx) **Fothergilla parvifolia**: Kearney's Witch-alder (endangered)
- (yyy) **Gentianopsis 36rinite**: Fringed Gentian (threatened)
- ~~(aaa) **Gymnoderma lineare**: Rock Gnome Lichen (endangered)~~
- (zzz) **Gratiola amphantha**: Pool-sprite (threatened)
- ~~(bbb) **Habenaria quinqueseta**: Michaux's Spider Orchid (threatened)~~
- (aaaa) ***Hamamelis ovalis**: Bigleaf Witch-hazel (endangered)
- (bbbb) **Hartwrightia floridana**: Hartwrightia (~~threatened~~ endangered)
- (cccc) **Helianthus smithiorum**: Smith's Sunflower (threatened)
- (dddd) **Helianthus verticillatus**: Whorled Sunflower (endangered)
- (eeee) **Helonias bullata**: Swamp-Pink (threatened)
- (ffff) ***Hydrastis canadensis**: Goldenseal (~~endangered~~ rare)
- (gggg) **Hymenocallis coronaria**: Shoals Spiderlily (~~threatened~~ rare)
- (hhhh) **Hymenocallis duvalensis**: Duval Spiderlily (threatened)
- (iiii) **Hymenophyllum tayloriae**: Gorge Filmy Fern (endangered)
- (jjjj) **Hypericum adpressum**: Bog St. Johnswort (threatened)
- (kkkk) **Hypericum buckleii**: Blue Ridge St. Johnswort (threatened)
- (llll) **Hypericum erythrae**: Georgia St. John's-wort (threatened)
- (mmmm) **Ilex collina**: Mountain Longstalk Holly (threatened)
- ~~(hhh) **Illicium floridanum**: Florida Anise (endangered)~~
- (nnnn) **Isoetes boomii**: Boom's Quillwort (endangered)
- (oooo) **Isoetes georgiana**: Georgia Quillwort (threatened)
- (pppp) **Isoetes hyemalis**: Winter Quillwort (endangered)
- (qqqq) **Isoetes junciformis**: Rush Quillwort (endangered)
- (rrrr) **Isoetes melanospora**: Black-spored Quillwort (endangered)
- (ssss) **Isoetes tegetiformans**: Mat-forming Quillwort (endangered)
- (tttt) **Isotria medeoloides**: Small Whorled Pogonia (threatened)
- (uuuu) **Jamesianthus alabamensis**: Alabama Warbonnet (~~endangered~~ threatened)

(vvvv) **Juncus snowii**: Snow's Rush (endangered)

~~(mmm) **Jeffersonia diphylla**: Twinleaf (rare)~~

(www) **Kalmia carolina**: Carolina Bog Laurel (threatened)

(xxxx) **Leavenworthia exigua** var. **exigua**: ~~Least Tennessee~~ Glade ~~threatened~~ rare

~~(ppp) **Leiophyllum buxifolium**: Sand-myrtle (threatened)~~

(yyyy) ***Leitneria floridana**: Corkwood (threatened)

~~(rrr) **Lilium michiganense**: Michigan Lily (rare)~~

~~(sss) **Lilium philadelphicum**: Wood Lily (endangered)~~

(zzzz) **Lilium pyrophilum**: Sandhills Lily (endangered)

(aaaa) **Lindera melissifolia**: ~~Pond Spicebush~~ Pondberry (endangered)

(bbbb) **Lindera subcoriacea**: Bog Spicebush (threatened)

(cccc) **Litsea aestivalis**: Pond Spice (rare)

(dddd) **Lobaria tenuis**: Slender Lung Lichen (rare)

~~(vvv) **Lotus helleri**: Carolina Trefoil (endangered)~~

(eeee) **Ludwigia spathulata**: Southern Water-purslane (threatened)

(ffff) **Lysimachia fraseri**: Fraser's Loosestrife (rare)

(gggg) **Lysimachia graminea**: Grassleaf Loosestrife (endangered)

(hhhh) **Lythrum curtissii**: Curtiss' Loosestrife (~~threatened~~ endangered)

(iiii) **Macbridea caroliniana**: Carolina Bogmint (~~rare~~ endangered)

(jjjj) **Macranthera flammea**: ~~Hummingbird Flower~~ Flameflower (threatened)

(kkkk) **Magnolia pyramidata**: Pyramid Magnolia (threatened)

(llll) **Marshallia mohrii**: Coosa ~~Barbara Buttons~~ Barbara's-buttons (threatened)

(mmmm) **Marshallia ramosa**: Pineland ~~Barbara Buttons~~ Barbara's-buttons (~~rare~~ threatened)

(nnnn) **Matelea alabamensis**: Alabama Milkvine (~~threatened~~ endangered)

(oooo) **Matelea floridana**: Florida Milkvine (endangered)

(pppp) **Matelea pubiflora**: Trailing Milkvine (rare)

(qqqq) **Megaceros aenigmaticus**: ~~Bighorn~~ Headwaters Hornwort (~~threatened~~ rare)

~~(fff) **Monotropsis odorata**: Sweet Pinesap (threatened)~~

~~(gggg) **Morella inodora**: Odorless Bayberry (threatened)~~

(rrrr) **Melanthium woodii**: Ozark Bunchflower (rare)

(ssss) **Myriophyllum laxum**: Lax Water Milfoil (rare)

(tttt) **Najas filifolia**: Narrowleaf Naiad (~~endangered~~ threatened)

~~(jjj) **Nestronia umbellula**: Indian Olive (rare)~~

(uuuu) ***Neviusia alabamensis**: Alabama Snow-wreath (threatened)

(vvvvv) **Oenothera curtissii**: Curtiss' Evening-primrose (threatened)

(wwwww) **Orthochilus ecristatus**: Giant Orchid (threatened)

(llll) ~~**Oxypolis canbyi**: Canby Dropwort (endangered)~~

(mmmm) ~~**Pachysandra procumbens**: Allegheny spurge (rare)~~

(xxxxx) **Packera millefolia** **millefolium**: Blue Ridge Golden Ragwort (threatened)

(oooo) ~~**Paronychia virginica**: Yellow Nailwort (endangered)~~

(yyyyy) **Pedicularis lanceolata**: Swamp Lousewort (~~endangered~~ threatened)

(zzzzz) **Pediomelum piedmontanum**: Dixie Mountain Breadroot (endangered)

(aaaaa) **Penstemon dissectus**: Cutleaf Beardtongue (~~rare~~ threatened)

(bbbbb) **Phacelia fimbriata**: Fringed Phacelia (threatened)

(ccccc) **Phacelia purshii**: Miami-mist (threatened)

(ddddd) **Pinguicula primuliflora**: Clearwater Butterwort (~~threatened~~ rare)

(eeeeee) **Pityopsis pinifolia**: Sandhill Golden-aster (rare)

(ffffff) **Platanthera chapmanii**: Chapman's Fringed Orchid (endangered)

(ggggg) **Platanthera integrilabia**: Monkeyface Orchid (threatened)

(hhhhh) **Pohlia rabunbaldensis**: Rabun Bald Feathermoss (endangered)

(iiiiii) **Portulaca biloba**: Grit Portulaca (endangered)

(vvvv) ~~**Prenanthes barbata**: Barbed Rattlesnake Root (rare)~~

(www) ~~**Pteroglossaspis eeristata**: Crestless Plume Orchid (threatened)~~

(jjjjj) **Ptilimnium ahlesii**: Coastal Bishopweed (endangered)

(kkkkk) **Ptilimnium nodosum**: Harperella (endangered)

(lllll) **Pycnanthemum beadleii**: Beadle's Mountain-mint (threatened)

(mmmmm) **Quercus oglethorpensis**: Oglethorpe Oak (~~threatened~~ rare)

(nnnnn) **Rhexia salicifolia**: Willowleaf Meadowbeauty (threatened)

(ooooo) ***Rhododendron prunifolium**: Plumleaf Azalea (threatened)

(ppppp) **Rhus michauxii**: Dwarf Sumac (endangered)

(qqqqq) **Rhynchospora culixa**: Georgia Beakrush (endangered)

(rrrrr) **Rhynchospora pleiantha**: Clonal Thread-leaved Beakrush (endangered)

(sssss) **Rhynchospora punctata**: Spotted Beakrush (endangered)

(ttttt) **Rhynchospora solitaria**: Solitary Beakrush (endangered)

(uuuuu) **Rinodina chrysomelaena**: Lemon Pepper-spore (endangered)

(vvvvv) ***Rudbeckia auriculata**: Swamp Black-eyed Susan (endangered)

(wwwww) **Rudbeckia heliopsidis**: ~~Little River Black-eyed Susan~~ Sunfacing Coneflower
(~~threatened~~ endangered)

(xxxxxx) **Ruellia noctiflora**: Night-blooming Wild Petunia (threatened)

(yyyyyy) **Sabatia capitata**: Cumberland Rose Gentian (~~rare~~ threatened)

(fffff) ~~**Sageretia minutiflora**: Climbing Buckthorn (threatened)~~

(zzzzzz) **Sagittaria secundifolia**: Kral's Water-plantain (threatened)

(aaaaaaa) ***Salix floridana**: Florida Willow (endangered)

(iiiiii) ~~**Sanguisorba canadensis**: Canada Burnet (threatened)~~

(jjjjj) ~~**Sapindus marginatus**: Soapberry (rare)~~

(bbbbbbb) ***Sarracenia flava**: Yellow Flytrap (unusual)

(ccccccc) ***Sarracenia flava x leucophylla**: (unusual)

(ddddddd) ***Sarracenia flava x minor**: (unusual)

(eeeeeee) ***Sarracenia leucophylla**: Whitetop Pitcherplant (~~endangered~~ threatened)

(ffffff) ***Sarracenia minor var. minor**: Hooded Pitcherplant (unusual)

(ggggggg) ***Sarracenia minor var. okefenokeensis**: (rare)

(hhhhhhh) ***Sarracenia minor x psittacina**: (unusual)

(iiiiiii) ***Sarracenia oreophila**: Green Pitcherplant (endangered)

(jjjjjjj) ***Sarracenia psittacina**: Parrot Pitcherplant (~~threatened~~ rare)

(kkkkkkk) ***Sarracenia purpurea var. montana**: Mountain Purple Pitcherplant (~~endangered~~ threatened)

(lllllll) ***Sarracenia purpurea var. venosa**: Southern Purple Pitcherplant (threatened)

(mmmmmmm) ***Sarracenia purpurea x flava**: (unusual)

(nnnnnnn) ***Sarracenia rubra ssp. rubra**: Sweet Pitcherplant (threatened)

(oooooooo) ***Sarracenia rubra ssp. viatorum**: Georgia Sweet Pitcherplant (rare)

(ppppppp) ***Sarracenia rubra x minor**: (unusual)

(qqqqqqq) ***Sarracenia rubra x psittacina**: (unusual)

(rrrrrrr) **Schisandra glabra**: Bay Star-vine (~~threatened~~ rare)

(sssssss) **Schoenolirion albiflorum**: White Sunnybell (threatened)

(ttttttt) **Schwalbea americana**: Chaffseed (endangered)

(uuuuuuu) **Scutellaria altamaha**: Altamaha Skullcap (threatened)

(vvvvvvv) **Scutellaria mellichampii**: Mellichamp's Skullcap (threatened)

(wwwwwww) **Scutellaria montana**: Large-flowered Skullcap (threatened)

(xxxxxxx) **Scutellaria ocmulgee**: Ocmulgee Skullcap (~~threatened~~ endangered)

(yyyyyyy) **Sedum nevii**: Nevius Stonecrop (threatened)

(zzzzzzz) **Sedum pusillum**: Granite Stonecrop (~~threatened~~ rare)

(aaaaaaaa) ***Shortia galacifolia**: Oconee Bells (~~endangered~~ threatened)

~~(yyyyyy) **Sibbaldiopsis tridentata**: Mountain Cinquefoil (endangered)~~
 (bbbbbbbb) ***Sideroxylon alachuense**: Silver Buckthorn (endangered)
 (cccccccc) **Sideroxylon macrocarpum**: Ochoopee Bumelia (rare)
 (dddddddd) **Sideroxylon thornei**: Swamp Buckthorn (rare)
 (eeeeeeee) **Silene catesbyi**: Fringed Champion (endangered)
 (ffffff) ***Silene ovata**: Ovate Catchfly (rare)
~~(eeeeee) **Silene polypetala**: Fringed Champion (endangered)~~
 (gggggggg) ***Silene regia**: Royal Catchfly (endangered-threatened)
 (hhhhhhh) **Solidago simulans**: Cliffside Goldenrod (endangered)
 (iiiiiii) **Spiraea virginiana**: Virginia Spirea (~~threatened~~ endangered)
 (jjjjjjj) **Spiranthes longilabris**: Giant Spiral Ladies-tresses (threatened)
~~(gggggg) **Spiranthes magnicamporum**: Great Plains Ladies-tresses (endangered)~~
 (kkkkkkkk) ***Stewartia malacodendron**: Silky Camellia (rare)
~~(iiiiii) **Streptopus lanceolatus**: Rosy Twisted Stalk (threatened)~~
~~(jjjjjj) **Stylisma pickeringii var. pickeringii**: Pickering's Morning-glory (threatened)~~
~~(kkkkkk) **Symphotrichum georgianum**: Georgia Aster (threatened)~~
 (llllll) **Thalictrum cooleyi**: Cooley Meadowrue (endangered)
 (mmmmmm) **Thalictrum debile**: Trailing Meadowrue (~~threatened~~ endangered)
 (nnnnnn) **Thaspium pinnatifidum**: Glade Meadowparsnip (endangered)
 (oooooooo) **Tiedemannia canbyi**: Canby's Dropwort (endangered)
 (pppppppp) **Torreya taxifolia**: Florida Torreya (endangered)
~~(pppppp) **Trientalis borealis**: Starflower (endangered)~~
 (qqqqqqqq) **Trillium delicatum**: Ocmulgee Trillium (endangered)
 (rrrrrrrr) **Trillium discolor**: Pale Yellow Trillium (threatened)
 (ssssssss) **Trillium georgianum**: Georgia Dwarf Trillium (endangered)
 (ttttttt) **Trillium persistens**: Persistent Trillium (endangered)
~~(rrrrrr) **Trillium pusillum**: Dwarf Trillium (endangered)~~
 (uuuuuuuu) **Trillium reliquum**: Relict Trillium (endangered)
 (vvvvvvvv) **Trillium simile**: Sweet White Trillium (threatened)
 (wwwwwww) ***Tsuga caroliniana**: Carolina Hemlock (endangered)
~~(uuuuuu) **Veratrum woodii**: Ozark Bunchflower (rare)~~
 (xxxxxxxx) ***Viburnum bracteatum**: Limerock Arrow-wood (endangered)
~~(wwwwww) **Waldsteinia lobata**: Barren Strawberry (rare)~~
~~(xxxxxx) **Xerophyllum asphodeloides**: Eastern Turkeybeard (rare)~~

(yyyyyyyyy) **Warea sessilifolia:** Sandhill-cress (threatened)

(zzzzzzzzz) **Xyris tennesseensis:** Tennessee Yellow-eyed Grass (endangered)