

1 15A NCAC 10I .0103 is proposed for amendment as follows:

3 **15A NCAC 10I .0103 ENDANGERED SPECIES LISTED**

4 (a) The following species of resident wildlife shall be designated as federally listed endangered species:

5 (1) Amphibians: None listed.

6 (2) Birds:

7 ~~(A) — Bachman's warbler (*Vermivora bachmanii*);~~

8 ~~(B)(A)~~ Ivory-billed woodpecker (*Campephilus principalis*);

9 ~~(C)(B)~~ Piping plover (*Charadrius melodus circumcinctus*); and

10 ~~(D) — Red-cockaded woodpecker (*Dryobates borealis*); and~~

11 ~~(E)(C)~~ Roseate tern (*Sterna dougallii dougallii*).

12 (3) Crustacea: None listed.

13 (4) Fish:

14 (A) Cape Fear shiner (*Miniellus mekistocholas*);

15 (B) Carolina madtom (*Noturus furiosus*);

16 ~~(C) — Roanoke logperch (*Percina rex*);~~

17 ~~(D)(C)~~ Shortnose sturgeon (*Acipenser brevirostrum*), when found in inland fishing waters as
18 defined in G.S. 113-129(9); and

19 ~~(E)(D)~~ Atlantic sturgeon (*Acipenser oxyrinchus oxyrinchus*), when found in inland fishing waters
20 as defined in G.S. 113-129(9).

21 (5) Mammals:

22 (A) Carolina northern flying squirrel (*Glaucomys sabrinus coloratus*);

23 (B) Eastern cougar (*Puma concolor*);

24 (C) Gray bat (*Myotis grisescens*);

25 (D) Indiana bat (*Myotis sodalis*);

26 (E) Northern long-eared bat (*Myotis septentrionalis*); and

27 (F) Virginia big-eared bat (*Corynorhinus townsendii virginianus*).

28 (6) Mollusks:

29 (A) Appalachian elktoe (*Alasmidonta raveneliana*);

30 (B) Carolina heelsplitter (~~*Lasmigona*~~ (*Platynaias decorata*);

31 (C) Dwarf wedgemussel (~~*Alasmidonta*~~ (*Prolasmidonta heterodon*);

32 (D) James spinymussel (*Parvaspina collina*);

33 (E) Littlewing pearlymussel (*Pegias fabula*);

34 ~~(F)~~ Magnificent ramshorn (*Planorbella magnifica*);

35 ~~(F)(G)~~ Tan riffleshell (*Epioblasma florentina walkeri*); and

36 ~~(G)(H)~~ Tar River spinymussel (*Parvaspina steinstansana*).

37 (7) Reptiles:

- (A) Kemp's ridley sea turtle (*Lepidochelys kempii*);
- (B) Hawksbill sea turtle (*Eretmochelys imbricata*); and
- (C) Leatherback sea turtle (*Dermochelys coriacea*).
- (b) The following species of resident wildlife shall be designated as State-listed endangered species:
- (1) Amphibians:
- (A) Gopher frog (*Rana* [=*Lithobates*] *capito*);
- (B) Hickory Nut Gorge green salamander (*Aneides caryaensis*);
- (C) Ornate chorus frog (*Pseudacris ornata*); and
- (D) River frog (*Rana* [=*Lithobates*] *heckscheri*).
- (2) Birds:
- (A) American peregrine falcon (*Falco peregrinus anatum*);
- (B) Common tern (*Sterna hirundo*);
- (C) Henslow's sparrow (*Centronyx henslowii*); and
- (D) Wayne's black-throated green warbler (*Setophaga virens waynei*).
- (3) Crustacea:
- (A) Bennett's Mill cave water slater (*Caecidotea carolinensis*); and
- (B) ~~Waccamaw~~ Cedar Creek crayfish (*Procambarus* ~~*braswelli*~~ *chacei*).
- (4) Fish:
- (A) Blotchside logperch (*Percina burtoni*);
- (B) Bridle shiner (*Notropis bifrenatus*);
- (C) Orangefin madtom (*Noturus gilberti*);
- (D) Paddlefish (*Polyodon spathula*);
- (E) Robust redhorse (*Moxostoma robustum*);
- (F) Rustyside sucker (*Thoburnia hamiltoni*);
- (G) Sharpnose darter (*Percina oxyrhynchus*); and
- (H) Stonecat (*Noturus flavus*).
- (5) Mammals:
- (A) Little brown bat (*Myotis lucifugus*); and
- (B) Tricolored bat (*Perimyotis subflavus*).
- (6) Mollusks:
- (A) Barrel floater (*Utterbackiana couperiana*);
- (B) Brook floater (*Alasmidonta varicosa*);
- (C) Carolina creekshell (*Sagittunio vauhanianus*);
- (D) Fragile glyph (*Pilsbryna clingmani*);
- (E) Green floater (~~*Lasmigona*~~ *Platynaias* *subviridis*);
- (F) Greenfield ramshorn (*Helisoma eucosmium*);
- (G) Knotty elimia (*Elimia christyi*);

~~(H)~~ Longsolid (~~Fusconaia subrotunda~~);
~~(I)~~ Magnificent ramshorn (~~Planorbella magnifica~~);
~~(J)~~(H) Purple wartyback (Cyclonaias tuberculata);
~~(K)~~(I) Savannah lilliput (Toxolasma pullus);
~~(L)~~(J) Slippershell mussel (~~Alasmidonta~~ Pressodonata viridis);
~~(M)~~(K) Tennessee clubshell (Pleurobema oviforme);
~~(N)~~(L) Tennessee heelsplitter (~~Lasmigona~~ Alasminota holstonia);
~~(O)~~(M) Tennessee pigtoe (Pleuronaia barnesiana); and
~~(P)~~(N) Yellow lampmussel (Lampsilis cariosa).

(7) Reptiles:

- (A) Eastern coral snake (Micrurus fulvius fulvius);
- (B) Eastern diamondback rattlesnake (Crotalus adamanteus); and
- (C) Mimic glass lizard (Ophisaurus mimicus).

History Note: Authority G.S. 113-134; 113-333;
Eff. June 11, 1977;
Amended Eff. October 1, 2017; August 1, 2016; May 1, 2008; April 1, 2001; February 1, 1994;
November 1, 1991; April 1, 1991; June 1, 1990;
Readopted Eff. October 1, 2021;
Amended Eff. October 1, 2024; February 1, 2023.

1 15A NCAC 10I .0104 is proposed for amendment as follows:

3 **15A NCAC 10I .0104 THREATENED SPECIES LISTED**

4 (a) The following species of resident wildlife shall be designated as federally listed threatened species:

- 5 (1) Amphibians: Neuse River waterdog (*Necturus lewisi*).
- 6 (2) Birds:
 - 7 (A) Eastern black rail (*Laterallus jamaicensis jamaicensis*);
 - 8 (B) Piping plover (*Charadrius melodus melodus*);
 - 9 ~~(C) Red-cockaded woodpecker (*Dryobates borealis*); and~~
 - 10 ~~(C)(D) Red knot (*Calidris canutus rufa*). (*Calidris canutus rufa*); and~~
 - 11 ~~(D) Wood stork (*Mycteria americana*).~~
- 12 (3) Crustacea: None listed.
- 13 (4) Fish:
 - 14 (A) Spotfin chub (*Erimonax monachus*); and
 - 15 (B) Waccamaw silverside (*Menidia extensa*).
- 16 (5) Mammals: West Indian Manatee (*Trichechus manatus*), when found in inland fishing waters as
- 17 defined in G.S. 113-129(9).
- 18 (6) Mollusks:
 - 19 (A) Atlantic pigtoe (*Fusconaia masoni*);
 - 20 (B) Longsolid (*Fusconaia subrotunda*);
 - 21 (C) Noonday globe (*Patera nantahala*); and
 - 22 (D) Yellow lance (*Elliptio lanceolata*).
- 23 (7) Reptiles:
 - 24 (A) Bog turtle (*Glyptemys muhlenbergii*);
 - 25 (B) American alligator (*Alligator mississippiensis*);
 - 26 (C) Green sea turtle (*Chelonia mydas*); and
 - 27 (D) Loggerhead sea turtle (*Caretta caretta*).

28 (b) The following species of resident wildlife are designated as State-listed ~~State-listed~~ threatened species:

- 29 (1) Amphibians:
 - 30 (A) Eastern tiger salamander (*Ambystoma tigrinum tigrinum*);
 - 31 (B) Green salamander (*Aneides aeneus*);
 - 32 (C) Junaluska salamander (*Eurycea junaluska*);
 - 33 (D) Eastern long-tailed salamander (*Eurycea longicauda longicauda*);
 - 34 (E) Mabee's salamander (*Ambystoma mabeei*);
 - 35 (F) Pine Barrens tree frog (*Hyla andersonii*); and
 - 36 (G) Wehrle's salamander (*Plethodon wehrlei*).
- 37 (2) Birds:

- 1 (A) Bald eagle (*Haliaeetus leucocephalus*);
- 2 (B) Black skimmer (*Rynchops niger*);
- 3 (C) Caspian tern (*Hydroprogne caspia*);
- 4 (D) Gull-billed tern (*Gelochelidon nilotica aranea*);
- 5 (E) Northern saw-whet owl (*Aegolius acadicus*); and
- 6 (F) Rusty blackbird (*Euphagus carolinus*).
- 7 (3) Crustacea:
- 8 (A) Broad River spiny crayfish (*Cambarus spicatus*);
- 9 (B) French Broad crayfish (*Cambarus reburus*);
- 10 (C) Pamlico crayfish (*Procambarus medialis*);
- 11 (D) Sandhills crayfish (*Procambarus pearsei*); and
- 12 (E) South Mountains crayfish (*Cambarus franklini*).
- 13 (4) Fish:
- 14 (A) Bigeye jumprock (*Moxostoma ariommum*);
- 15 (B) Blotched chub (*Erimystax insignis*);
- 16 (C) Carolina pygmy sunfish (*Elassoma boehlkei*);
- 17 (D) Carolina redhorse (*Moxostoma sp.*; carolina);
- 18 (E) Ironcolor shiner (*Alburnops chalybaeus*);
- 19 (F) Least brook lamprey (*Lampetra aepyptera*);
- 20 (G) Logperch (*Percina caprodes*);
- 21 (H) Mimic shiner (*Paranotropis volucellus*);
- 22 (I) River redhorse (*Moxostoma carinatum*);
- 23 (J) Roanoke logperch (*Percina rex*);
- 24 ~~(H)(K)~~ Rosyface chub (*Hybopsis rubrifrons*);
- 25 ~~(J)~~ ~~Sharphead darter (*Nothonotus acuticeps*)~~;
- 26 ~~(K)(L)~~ Santee chub (*Cyprinella zanema*);
- 27 (M) Sharphead darter (*Nothonotus acuticeps*);
- 28 ~~(L)(N)~~ Sicklefin redhorse or Ugidatli (*Moxostoma sp.*; *Moxostoma ugidatli*);
- 29 (O) Siouan thinlip chub (*Cyprinella zanema*);
- 30 ~~(M)(P)~~ Thicklip chub (*Cyprinella labrosa*);
- 31 ~~(N)(Q)~~ Turquoise darter (*Etheostoma inscriptum*); and
- 32 ~~(O)(R)~~ Waccamaw darter (*Etheostoma perlongum*).
- 33 (5) Mammals:
- 34 (A) Eastern woodrat (*Neotoma floridana floridana*);
- 35 (B) Rafinesque's big-eared bat (*Corynorhinus rafinesquii rafinesquii*); and
- 36 (C) Red wolf (*Canis rufus*).
- 37 (6) Mollusks:

- (A) Alewife floater (*Utterbackiana implicata*);
(B) Big-tooth covert (*Fumonelix jonesiana*);
(C) Cape Fear threetooth (*Triodopsis soelneri*);
(D) Eastern lampmussel (*Lampsilis radiata*);
(E) Eastern pondmussel (*Sagittunio nasutus*);
(F) Engraved covert (*Fumonelix orestes*);
(G) Mountain creekshell (*Leaunio vanuxemensis*);
(H) Notched rainbow (*Venustaconcha constricta*);
(I) Rainbow (*Cambarunio iris*);
(J) Roan supercoil (*Paravitrea varidens*);
(K) Sculpted supercoil (*Paravitrea ternaria*);
(L) Smoky Mountain covert (*Inflectarius ferrissi*);
(M) Creeper (*Strophitus undulatus*);
(N) Tidewater mucket (*Atlanticoncha ochracea*);
(O) Triangle floater (*Alasmidonta undulata*); ~~and~~
(P) Uwharrie elktoe (*Alasmidonta uwharriensis*); and
~~(P)(Q)~~ Waccamaw ambersnail (*Catinella waccamawensis*).
(7) Reptiles:
(A) Northern pine snake (*Pituophis melanoleucus melanoleucus*); and
(B) Southern hognose snake (*Heterodon simus*).

History Note: Authority G.S. 113-134; 113-333;
Eff. March 17, 1978;
Amended Eff. June 1, 2008; April 1, 2001; November 1, 1991; April 1, 1991; June 1, 1990;
September 1, 1989;
Temporary Amendment Eff. February 27, 2015;
Amended Eff. October 1, 2017; July 1, 2016; August 1, 2016;
Readopted Eff. October 1, 2021;
Amended Eff. October 1, 2024; February 1, 2023.

1 15A NCAC 10I .0105 is proposed for amendment as follows:

3 **15A NCAC 10I .0105 SPECIAL CONCERN SPECIES LISTED**

4 The following species of resident wildlife shall be designated as State-listed ~~State-listed~~ special concern species:

5 (1) Amphibians:

- 6 (a) Collinses' mountain chorus frog (*Pseudacris collinsorum*);
- 7 (b) Crevice salamander (*Plethodon longicrus*);
- 8 (c) Dwarf salamander (*Eurycea quadridigitata*);
- 9 (d) Dwarf black-bellied salamander (*Desmognathus folkertsi*);
- 10 (e) Eastern hellbender (*Cryptobranchus alleganiensis alleganiensis*);
- 11 (f) Four-toed salamander (*Hemidactylium scutatum*);
- 12 (g) Gray treefrog (*Hyla versicolor*);
- 13 (h) Mole salamander (*Ambystoma talpoideum*);
- 14 (i) Mudpuppy (*Necturus maculosus*);
- 15 (j) Southern chorus frog (*Pseudacris nigrita*);
- 16 (k) Southern zigzag salamander (*Plethodon ventralis*); and
- 17 (l) Weller's salamander (*Plethodon welleri*).

18 (2) Birds:

- 19 (a) American oystercatcher (*Haematopus palliatus*);
- 20 (b) Bachman's sparrow (*Peucaea aestivalis*);
- 21 (c) Barn owl (*Tyto alba*);
- 22 (d) Black-capped chickadee (*Poecile atricapillus*);
- 23 (e) Brown creeper (*Certhia americana nigrescens*);
- 24 (f) Cerulean warbler (*Setophaga cerulea*);
- 25 (g) Glossy ibis (*Plegadis falcinellus*);
- 26 (h) Golden-winged warbler (*Vermivora chrysoptera*);
- 27 (i) Least bittern (*Ixobrychus exilis*);
- 28 (j) Least tern (*Sternula antillarum*);
- 29 (k) Little blue heron (*Egretta caerulea*);
- 30 (l) Loggerhead shrike (*Lanius ludovicianus*);
- 31 (m) Painted bunting (*Passerina ciris*);
- 32 (n) Red crossbill (*Loxia curvirostra*);
- 33 (o) Snowy egret (*Egretta thula*);
- 34 (p) Swallow-tailed kite (*Elanoides forficatus*);
- 35 (q) Tricolored heron (*Egretta tricolor*);
- 36 (r) Vesper sparrow (*Pooecetes gramineus*); and
- 37 (s) Wilson's plover (*Charadrius wilsonia*).

- (3) Crustacea:
- (a) Carolina skistodiaptomus (*Skistodiaptomus carolinensis*);
 - (b) Carolina well diacyclops (*Diacyclops jeannelli putei*);
 - (c) Chowanoke crayfish (*Faxonius virginensis*);
 - (d) Falls crayfish (*Cambarus burchfieldae*);
 - ~~(d)~~(e) Graceful clam shrimp (*Lynceus gracilicornis*);
 - ~~(e)~~(f) Greensboro burrowing crayfish (*Cambarus catagius*);
 - ~~(f)~~(g) Hiwassee headwaters crayfish (*Cambarus parrishi*);
 - ~~(g)~~(h) Little Tennessee River crayfish (*Cambarus georgiae*);
 - ~~(h)~~(i) North Carolina spiny crayfish (*Faxonius carolinensis*); ~~and~~
 - ~~(i)~~(j) Oconee stream crayfish (*Cambarus chaugaensis*); ~~and (*Cambarus chaugaensis*)~~.
 - (k) Stony Fork crayfish (*Cambarus lapidosus*).
- (4) Fish:
- (a) American brook lamprey (*Lethenteron appendix*);
 - (b) "Atlantic" Highfin carpsucker (*Carpionodes sp. cf. velifer*);
 - (c) Banded sculpin (*Cottus carolinae*);
 - (d) Blue Ridge sculpin (*Cottus caeruleomentum*);
 - (e) Blueside darter (*Etheostoma jessiae*);
 - (f) Broadtail madtom (*Noturus sp.*);
 - (g) Carolina darter (*Etheostoma collis*);
 - (h) Cutlip minnow (*Exoglossum maxillingua*);
 - (i) Freshwater drum (*Aplodinotus grunniens*);
 - (j) Kanawha minnow (*Phenacobius teretulus*);
 - (k) Lake sturgeon (*Acipenser fulvescens*);
 - (l) Least killifish (*Heterandria formosa*);
 - (m) Mooneye (*Hiodon tergisus*);
 - (n) Mountain madtom (*Noturus eleutherus*);
 - (o) Ohio lamprey (*Ichthyomyzon bdellium*);
 - (p) Olive darter (*Percina squamata*);
 - (q) Pinewoods darter (*Etheostoma mariaae*);
 - (r) River carpsucker (*Carpionodes carpio*);
 - (s) Sandhills chub (*Semotilus lumbee*);
 - (t) Seagreen darter (*Etheostoma thalassinum*);
 - (u) Sickie darter (*Percina williamsi*);
 - (v) Smoky dace (*Clinostomus sp.*);
 - (w) Sooty-banded darter (*Percina westfalli*);
 - (x) Striped shiner (*Luxilus chrysocephalus*);

- (y) Snubnose darter (*Etheostoma simoterum*);
 - ~~(z) "Thinlip" chub (*Cyprinella sp. cf. zanema*);~~
 - ~~(aa)(z)~~ Waccamaw killifish (*Fundulus waccamensis*);
 - ~~(bb)(aa)~~ Wounded darter (*Nothonotus vulneratus*); and
 - ~~(cc)(bb)~~ Yellowfin shiner (*Hydrophlox lutipinnis*).
- (5) Mammals:
- (a) Allegheny woodrat (*Neotoma magister*);
 - (b) Buxton Woods white-footed mouse (*Peromyscus leucopus buxtoni*);
 - (c) Coleman's oldfield mouse (*Peromyscus polionotus colemani*);
 - (d) Eastern big-eared bat (*Corynorhinus rafinesquii macrotis*);
 - (e) Eastern small-footed bat (*Myotis leibii leibii*);
 - (f) Florida yellow bat (*Lasiurus intermedius floridanus*);
 - (g) Southeastern bat (*Myotis austroriparius*);
 - (h) Southern rock vole (*Microtus chrotorrhinus carolinensis*); and
 - (i) Star-nosed mole (*Condylura cristata parva*).
- (6) Mollusks:
- (a) Appalachian gloss (*Zonitoides patuloides*);
 - (b) Bidentate dome (*Ventridens coelaxis*);
 - (c) Black mantleslug (*Pallifera hemphilli*);
 - (d) Blackwater ancylid (*Ferrissia hendersoni*);
 - (e) Blue-foot lancetooth (*Haplotrema kendeighi*);
 - (f) Cape Fear spike (*Elliptio marsupiobesa*);
 - (g) Clingman covert (*Fumonelix wheatleyi clingmanicus*);
 - (h) Dark glyph (*Glyphyalinia junaluskana*);
 - (i) Dwarf proud globe (*Patera clarki clarki*);
 - (j) Dwarf threetooth (*Triodopsis fulciden*);
 - (k) Fringed coil (*Helicodiscus fimbriatus*);
 - (l) Glossy supercoil (*Paravitrea placentula*);
 - (m) Great Smoky slitmouth (*Stenotrema depilatum*);
 - (n) High mountain supercoil (*Paravitrea andrewsae*);
 - (o) Honey glyph (*Glyphyalinia vanattai*);
 - (p) Lamellate supercoil (*Paravitrea lamellidens*);
 - (q) Mirey Ridge supercoil (*Paravitrea clappi*);
 - (r) Open supercoil (*Paravitrea umbilicaris*);
 - (s) Pink glyph (*Glyphyalinia pentadelphia*);
 - (t) Pink heelsplitter (*Potamilus alatus*);
 - (u) Pod lance (*Elliptio folliculata*);

- (v) Queen crater (*Appalachina chilhoweensis*);
 - (w) Ramp Cove supercoil (*Paravitrea lacteodens*);
 - (x) Ridged lioplax (*Lioplax subcarinata*);
 - (y) Roanoke slabshell (*Elliptio roanokensis*);
 - (z) Saw-tooth disc (*Discus bryanti*);
 - (aa) Seep mudalia (*Leptoxis dilatata*);
 - (bb) Spike (*Eurynia dilatata*);
 - (cc) Spiral coil (*Helicodiscus bonamicus*);
 - (dd) Velvet covert (*Inflectarius subpalliatu*s);
 - (ee) Waccamaw amnicola (*Amnicola* sp.);
 - (ff) Waccamaw siltsnail (*Cincinnatia* sp.); and
 - (gg) Wavy-rayed lampmussel (*Lampsilis fasciola*).
- (7) Reptiles:
- (a) Carolina pigmy rattlesnake (*Sistrurus miliarius miliarius*);
 - (b) Carolina swamp snake (*Liodytes pygaea paludis*);
 - (c) Carolina watersnake (*Nerodia sipedon williamengelsi*);
 - (d) Cumberland slider (*Trachemys scripta troostii*);
 - (e) Diamondback terrapin (*Malaclemys terrapin*);
 - (f) Eastern chicken turtle (*Deirochelys reticularia reticularia*);
 - (g) Eastern coachwhip (*Coluber* [=Masticophis] *flagellum flagellum*);
 - (h) Eastern slender glass lizard (*Ophisaurus attenuatus longicaudus*);
 - (i) Eastern spiny softshell (*Apalone spinifera spinifera*);
 - (j) Northern map turtle (*Graptemys geographica*);
 - (k) Outer Banks kingsnake (*Lampropeltis getula sticticeps*);
 - (l) Stripeneck musk turtle (*Sternotherus peltifer*); and
 - (m) Timber rattlesnake (*Crotalus horridus*).

History Note: Authority G.S. 113-134; 113-333;
Eff. September 1, 1989;
Amended Eff. October 1, 2017; August 1, 2016; May 1, 2008; July 18, 2002; April 1, 2001;
November 1, 1991; April 1, 1991; June 1, 1990;
Readopted Eff. October 1, 2021;
Amended Eff. October 1, 2024; February 1, 2023.