

One Hundred Two New County Records for Amphibians and Reptiles in Alabama, USA

The diversity and distribution of Alabama's amphibians and reptiles was first examined comprehensively in Mount's (1975) regional field guide. In subsequent years, however, less effort was invested into general inventory of the state's herpetofauna. Interest in generating a thorough documentation of Alabama's herpetofauna has re-emerged in the last decade. In particular, an impressive effort by Graham et al. (2009) documented 101 new county records for the state, and their inspiring efforts appear to have spurred other significant projects, such as inventories in Tuskegee National Forest (Graham et al. 2012), Pike County (Burchill and Diamond 2014), and northern Alabama (Sutton et al. 2014). Despite the renewed interest, few counties within Alabama have been sampled extensively, and large distributional gaps still remain for the majority of species in the state.

In anticipation of a forthcoming revision to Mount (1975), we sought to further the spirit of our Auburn colleagues by compiling a series of new county records of amphibians and reptiles throughout Alabama. We accrued novel observations and specimens during research activities, nocturnal road-cruising surveys, class field trips, and targeted collecting trips to under-sampled areas. Here we report 102 new county records for Alabama, which includes at least one new county record for 52 species. Records were vouchered as specimens or digital photographs and were deposited into the Herpetological Collections of the Auburn University Museum of Natural

History (AUM, AUMO, AHAP-D, AHAP-C, AHAP-P). All records were verified by Craig Guyer. The datum for all GPS coordinates is WGS 84. Standard English names follow Crother (2012).

CAUDATA — SALAMANDERS

AMBYSTOMA MACULATUM (Spotted Salamander). USA: ALABAMA: MADISON Co.: Monte Sano State Park Bankhead parkway (34.74690°N, 86.50720°W). 23 April 2010. J. Stiles, S. Stiles. AUM 38876.

AMBYSTOMA TIGRINUM (Eastern Tiger Salamander). USA: ALABAMA: DeKalb Co.: Farm pond, 200 m S of CR 624 (34.50206°N, 85.60568°W). 12 May 2012. J. Stiles, S. Stiles. AUM 39673.

AMPHIUMA MEANS (Two-toed Amphiuma). USA: ALABAMA: ELMORE Co.: Tumkeehatchee Creek (32.51725°N, 86.01073°W). 2 September 2001. J. C. Godwin, J. G. Godwin. AUM 36383. ESCAMBIA Co.: Solon Dixon Center, Rope Swing, Cypress Oxbow Pond (31.18907°N, 86.70925°W). 4 October 2013. J. Stiles, S. Stiles. AUM 40455. GENEVA Co.: Spring Creek at Spring Creek Rd. (31.03273°N, 85.70049°W). 4 October 2013. D. Werneke. AUM 40447. Mount (1975) reports a literature record for the county; this animal represents the first vouchered individual.

EURYCEA GUTTOLINEATA (Three-lined Salamander). USA: ALABAMA: CHAMBERS Co.: Off of Highway 50 at intersection with Little Chatahospee Creek (32.84134°N, 85.4918°W). 16 March 2015. R. Birkhead. AUM 41035. Collected from a leaf pack in the creek's floodplain.

GYRINOPHILUS PORPHYRITICUS (Spring Salamander). USA: ALABAMA: FRANKLIN Co.: Rock Bridge Canyon Park, spring run (34.36270°N, 87.93321°W). 23 August 2014. J. Stiles, S. Stiles. AUM 40821.

PSEUDOTRITON RUBER RUBER (Northern Red Salamander). USA: ALABAMA: TALLAPOOSA Co.: Tributary to Timbergut Creek, east of Patterson Rd, 0.48 km N of intersection with Cowpens Rd (33.05020°N, 85.78149°W). 10 May 2011. D. Werneke, J. Armbruster, T. Mosely, C. Ray, T. Hess, C. Ames. AUM 39760.

PSEUDOTRITON RUBER VIOSCAI (Southern Red Salamander). USA: ALABAMA: COVINGTON Co.: Conecuh National Forest, Pond Creek at CR 24 (31.10167°N, 86.53900°W). 22 May 2013. B. Folt, J. Goessling. AUM 40223–40224, 40230.

PLETHODON GLUTINOSUS (Northern Slimy Salamander). USA: ALABAMA: RANDOLPH Co.: Off of Highway 77, 0.56 road km SE from intersection with CR 15 (33.14067°N, 85.61987°W). Found under logs on hardwood slope. 16 March 2015. R. Birkhead. AUM 41036–41037.

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PLETHODON GROBMANI (Southeastern Slimy Salamander). USA: ALABAMA: BULLOCK Co.: The Wehle Tract (32.02917°N, 85.47493°W). 26 April 2014. B. Folt, M. Miller, C. Guyer. AUM 40582.

PLETHODON WEBSTERI (Webster's Salamander). USA: ALABAMA: RANDOLPH Co.: In ravine 0.07 air km SW of intersection of CR 15, CR 889, and railroad tracks (33.19665°N, 85.57873°W). Found by raking leaf litter on hardwood slope. 16 March 2015. R. Birkhead. AUM 41044.

SIREN INTERMEDIA (Lesser Siren). USA: ALABAMA: AUTAUGA Co.: CR 29, 3.22 road km S of CR 14, wetland next to New Jericho Missionary Baptist Church (32.40363°N, 86.51600°W). 13 May 2014. D. Laurencio, S. Belford. AUM 40645. HOUSTON Co.: Irwin Mill Creek, immediately west of AL 95 (31.00504°N, 85.04117°W). 4 March 2014. D. Laurencio, S. Belford. AUM 40489.

ANURA — FROGS

ACRIS CREPITANS (Eastern Cricket Frog). USA: ALABAMA: AUTAUGA Co.: 3.22 road km S of CR 14 on CR 29, wetland next to New Jericho Missionary Baptist Church (32.40363°N, 86.51600°W). 31 April 2014. D. Laurencio, A. T. Harris, R. Burgenden. AUM 40597. CHEROKEE Co.: Captured along small tributary of Terrapin Creek along CR 33 between Sanford Springs and Frog Mountain (34.01887°N, 85.57391°W). 26 August 2014. R. Birkhead. AUM 40755. LOWNDES Co.: 0.32 road km S of CR 40 on Lake Berry Rd (32.32101°N, 86.53706°W). 14 May 2014. D. Laurencio, S. Belford. AUM 40654–56. RANDOLPH Co.: Captured along Cornhouse Creek at Highway 431 bridge (33.23896°N, 85.44194°W). 27 August 2014. R. Birkhead. AUM 40756. TALLAPOOSA Co.: The Coon Creek Forever Wild Tract (32.59779°N, 85.87508°W). 5 November 2011. J. Goessling, B. Folt, I. E. P. Turner. AUM 39724–39727, 39730.

ACRIS GRYPILLUS (Southern Cricket Frog). USA: ALABAMA: AUTAUGA Co.: south of CR 14 on CR 29, wetland next to New Jericho Missionary Baptist Church (32.40363°N, 86.51600°W). 13 May 2014. D. Laurencio, S. Belford. AUM 40639–40640. FRANKLIN Co.: Spring outflow at Rock Bridge Canyon (34.36269°N, 87.93300°W). 23 August 2014. J. Stiles, S. Stiles. AUM 40767. LAMAR Co.: Collected from swamp 1.1 km S of Fernbank Rd. (CR 12) on AL 17 (33.58066°N, 88.08423°W). 5 May 2014. R. Birkhead. AUM 40621.

ANAXYRUS AMERICANUS (American Toad). USA: ALABAMA: LAUDERDALE Co.: CR 9, 0.4 km W of intersection with CR 41 (34.88779°N, 87.74103°W). 12 March 2015. J. Stiles. AUM 41021. TALLAPOOSA Co.: Ca. 5 km S of Highway 280 on CR 89 (32.74032°N, 85.65764°W). 10 January 2012. B. Folt, J. Goessling. AUM 39778.

ANAXYRUS TERRESTRIS (Southern Toad). USA: ALABAMA: ELMORE Co.: 3.54 road km E of CR 8 on CR 4 (32.45090°N, 86.15934°W). 30 April 2014. D. Laurencio, A. T. Harris, R. Burgenden. AUM 40591. Mount (1975) lists only hybrids between *A. fowleri* x *A. terrestris* for Elmore Co.

GASTROPHRYNE CAROLINENSIS (Eastern Narrow-mouthed Toad). USA: ALABAMA: LOWNDES Co.: 3.1 road km W of CR 37 on CR 54 (32.32413°N, 86.539027°W). 14 May 2014. D. Laurencio, S. Belford. AUM 40666.

HYLA AVIVOCA (Bird-voiced Treefrog). USA: ALABAMA: AUTAUGA Co.: 3.22 road km S of CR 14 on CR 29, wetland next to New Jericho Missionary Baptist Church (32.40363°N, 86.51600°W). 13 May 2014. D. Laurencio, S. Belford. AUM 40635–36. ELMORE Co.: Poundstone Lake (32.43751°N, 86.11422°W). 30 April 2014. D. Laurencio, A. T. Harris, R. Burgenden. AUM 40594–95. GENEVA Co.: CR 4 (31.03893°N, 85.922275°W). 21 May 2012. B. Folt. AHAP-C 0014. Numerous males calling in a roadside beaver pond.

HYLA CHRYSOSCELIS (Cope's Gray Treefrog). USA: ALABAMA: AUTAUGA Co.: 3.21 road km S of CR 14 on CR 29, in a wetland immediately north of New Jericho Missionary Baptist Church (32.40363°N, 86.51600°W). 13 May 2014. D. Laurencio, S. Belford. AUM 40637–38. COFFEE Co.: 10 m N of CR 484 on CR 473 (31.20898°N, 86.14799°W). 14 April 2014. J. Goessling. AUM 40536. ELMORE Co.: 3.54 road km E of CR 8 on CR 4 (32.45090°N, 86.15934°W). 30 April 2014. D. Laurencio, A. T. Harris, R. Burgenden. AUM 40592.

HYLA CINEREA (Green Treefrog). USA: ALABAMA: AUTAUGA Co.: 3.22 road km S of CR 14 on CR 29, wetland next to New Jericho Missionary Baptist Church (32.40363°N, 86.51600°W). 13 May 2014. D. Laurencio, S. Belford. AUM 40633–34. GENEVA Co.: CR 4 (31.047017°N, 85.899119°W). 21 May 2012. B. Folt. AHAP-C 13. Numerous males were recorded calling from a roadside pond at night.

LITHOBATES CATESBEIANUS (American Bullfrog). CHEROKEE Co.: Captured in drying beaver pond on Sandy creek where it crosses CR18 at Sandy Springs (34.072956°N, 85.499496°W). 26 August 2014. R. Birkhead. AUM 40757. LAMAR Co.: State Highway 17 at intersection with Fernbank Rd. (33.58182°N, 88.08466°W). 3 March 2015. B. Folt, J. Goessling, C. Guyer. AUM 40965.

LITHOBATES CLAMITANS (Green Frog). USA: ALABAMA: BARBOUR Co.: Tributary to Leak Creek, immediately north of where creek crosses Old Batesville Rd (31.93325°N, 85.32658°W). 7 February 2015. C. Kemp, B. Folt. AUM 40937. CHEROKEE Co.: Captured in drying beaver pond on Sandy creek where it crosses CR 18 at Sandy Springs (34.072956°N, 85.499496°W). 26 August 2014. R. Birkhead. AUM 40758. COVINGTON Co.: Conecuh National Forest (31.10860°N, 86.57620°W). 10 July 2014. J. Stiles, S. Stiles. AUM 40711. FRANKLIN Co.: Hulsey Branch near Bear Creek and Highway 187 (34.35879°N, 87.90043°N). 23 August 2014. J. Stiles, S. Stiles. AUM 40771. GENEVA Co.: 1.5 km W of AL 52 on AL 54 (31.11450°N, 86.13235°N). 14 April 2014. J. Goessling, J. Stiles, S. Stiles. AUM 40534. Dead on road (DOR). RANDOLPH Co.: Wolfpen Creek, 0.37 air km SE of intersection of where Wolfpen Creek intersects CR 843. (33.13972°N, 85.62504°W). 16 March 2015. R. Birkhead. AUM 41038. TALLAPOOSA Co.: The Coon Creek Tract (32.60301°N, 85.8631°W). 5 November 2011. B. Folt, J. Goessling, I. E. P. Turner. AUM 39729.

LITHOBATES PALUSTRIS (Pickerel Frog). USA: ALABAMA: FRANKLIN Co.: Piney Point Recreation Area (34.39191°N, 87.98483°W). 11 March 2015. J. Stiles. AUM 41014.

LITHOBATES SPHENOCEPHALUS (Southern Leopard Frog). USA: ALABAMA: AUTAUGA Co.: Spring feeding into Bear Creek, south of bridge at Highway 14 (32.43086°N, 86.57449°W). 1 June 2013. B. Folt, C. Montross. AUM 40236. Adult collected in swampy

floodplain. COVINGTON Co.: Conecuh National Forest (31.12014°N, 86.59860°W). 31 January 2013. J. Stiles, S. Stiles. AUM 40713. ELMORE Co.: 0.32 road km E of Laprade Rd (32.45321°N, 86.06511°W). 30 April 2014. D. Laurencio, A. T. Harris, R. Burgenden. AUM 40594–95. GENEVA Co.: CR 4 (31.03779°N, 85.95413°W). 21 May 2012. B. Folt. AHAP-D 568. Found DOR while night driving. Mount (1975) reports a literature record for the county; this animal represents the first vouchered individual. MARION Co.: Collected from small borrow pit Alabama Rd. 19 between Hamilton and Vina (34.28519°N, 88.06445°W). 5 May 2014. R. Birkhead. AUM 40625. PICKENS Co.: Liberty Rd./CR 75, 0.64 km S of intersection with McDill Rd. (33.49297°N, 88.17159°W). 3 March 2015. B. Folt, J. Goessling, C. Guyer. AUM 40964.

PSEUDACRIS BRACHYPHONA (Mountain Chorus Frog). USA: ALABAMA: CHAMBERS Co.: 1.3 road km E of Chambers CR 11 on Chambers CR 22 (32.780611°N, 85.54050°W). 20 January 2012. J. Goessling, D. Laurencio. AUM 39781–82. FRANKLIN Co.: Piney Point Recreation Area (34.39232°N, 87.98689°W). 11 March 2015. J. Stiles. AUM 40990. LAMAR Co.: Ditch north of Fernbank Rd., 0.80 km west of intersection with Pleasant Ridge Rd. (33.57900°N, 88.10063°W). 3 March 2015. J. Goessling, B. Folt, C. Guyer. AUM 40966.

PSEUDACRIS CRUCIFER (Spring Peeper). USA: ALABAMA: AUTAUGA Co.: 3.2 road km S of CR 14 on CR 29, wetland next to New Jericho Missionary Baptist Church (32.40363°N, 86.51600°W). 31 April 2014. D. Laurencio, A. T. Harris, R. Burgenden. AUM 40605, 40667. ELMORE Co.: Forever Wild property near Kent (32.63076°N, 85.94417°W). 17 January 2012. B. Folt, J. Goessling. AHAP-D 534. Found AOR. LAUDERDALE Co.: CR 16, just west of Cypress Creek (34.85831°N, 87.73693°W). 12 March 2015. J. Stiles. AUM 41006.

PSEUDACRIS FERIARUM (Upland Chorus Frog). USA: ALABAMA: HOUSTON Co.: 0.16 road km W of Springhill Church Rd. (CR 101) on Turnpike Rd. (31.11909°N, 85.11150°W). 4 March 2014. D. Laurencio, S. Belford. AUM 40495. Calling male. LOWNDES Co.: cattle field immediately south of intersection of CR 40 and Robinson Switch Rd. (32.32259°N, 86.616407°W). 10 January 2013. B. Folt. AUM 40120. Calling male.

SCAPHIOPUS HOLBROOKII (Eastern Spadefoot). USA: ALABAMA: GENEVA Co.: CR 4 (31.03742°N, 85.95763°W). 21 May 2012. B. Folt. AUM 39866.

CROCODYLIA — CRODODILIANS

ALLIGATOR MISSISSIPIENSIS (American Alligator). USA: ALABAMA: GENEVA Co.: Pea River (30.99758°N, 86.01225°W). 24 May 2012. B. Folt, J. Godwin, J. Lovich, J. Ennen. AHAP-D 572.

TESTUDINES — TURTLES

APALONE SPINIFERA (Spiny Softshell). USA: ALABAMA: LAUDERDALE Co.: McFarland Park (34.78483°N, 87.68995°W). 31 July 2014. J. Stiles, S. Stiles. AHAP-D 939.

CHELYDRA SERPENTINA (Snapping Turtle). USA: ALABAMA: COLBERT Co.: 0.8 road km S of Flatwoods Rd on Frankfort Rd (34.62778°N, 87.77964°W). 3 May 2014. J. Stiles, S. Stiles. AUMO 4818. Gravid adult female found DOR. Eggs preserved as AUM 40610. GENEVA Co.: Pea River (31.21252°N, 86.12341°W). 23 May

2012. B. Folt, J. Godwin, J. Lovich, J. Ennen, B. Kreiser. AHAP-D 570. Found swimming in shallow water near a sandy shoreline. LAMAR Co.: Found DOR 1.1 km S of Fernbank Rd (CR 12) on AL 17 (33.58066°N, 88.08423°W). 5 May 2014. R. Birkhead. AUMO 4852.

GRAPTEMYS PULCHRA (Alabama Map Turtle). USA: ALABAMA: COOSA Co.: Coosa Wildlife Management Area (32.84785°N, 86.39541°W). 15 July 2012. B. Folt, I. E. P. Turner. AHAP-D 594; AUMO 4622. Skull and shell found in a creek.

KINOSTERNON SUBRUBRUM (Eastern Mud Turtle). USA: ALABAMA: GENEVA Co.: 150 m W of Maloy Rd. where AL 54 crosses Panther Creek (31.10956°N, 86.14525°W). 27 April 2014. J. Goessling. AUM 40571. DOR.

STERNOTHERUS ODORATUS (Eastern Musk Turtle). USA: ALABAMA: AUTAUGA Co.: 3.2 road km S of CR 14 on CR 29, ditch next to New Jericho Missionary Baptist Church (32.40390°N, 86.51631°W). 31 April 2014. D. Laurencio, A. T. Harris, R. Burgenden. AUM 40600.

TERRAPENE CAROLINA (Eastern Box Turtle). USA: ALABAMA: CHEROKEE Co.: 0.47 road km N of CR 308 on CR 33 just south of McFrey Crossroads (33.98892°N, 85.57805°W). 26 August 2014. R. Birkhead. AUM–O 4819. DOR.

TRACHEMYS SCRIPTA (Pond Slider). USA: ALABAMA: AUTAUGA Co.: 0.23 road km W of Buena Vista Blvd on CR 4 (32.42391°N, 86.45240°W). 13 May 2014. D. Laurencio, S. Belford. AUM 40662. CONECUH Co.: SR 55, 0.5 road km past County Highway 107 (31.51186°N, 86.70181°W). 17 June 2012. B. Folt. AHAP-D 575. Intact shell found on road. FRANKLIN Co.: Sloss Lake (34.48587°N, 87.70807°W). 23 August 2014. J. Stiles, S. Stiles. AHAP-D 944.

SQUAMATA — LIZARDS

ANOLIS CAROLINENSIS (Green Anole). USA: ALABAMA: COOSA Co.: CR 29 (32.95209°N, 86.33030°W). 15 July 2012. B. Folt, I. E. P. Turner. AUM 39945. Mount (1975) reports a literature record, but this specimen is the first voucher. SUMTER Co.: Sumter County Recreation Association Park (32.5538°N, 88.19995°W). 3 March 2014. J. Goessling, B. Folt, C. Guyer. AUM 40957. Mount (1975) reports a literature record, but this specimen is the first voucher.

SCINCELLA LATERALIS (Little Brown Skink). USA: ALABAMA: BULLOCK Co.: Wehle Tract, on dirt road north of pond next to Wehle Office (32.03563°N, 85.47168°W). 26 April 2014. C. Guyer, M. Miller, B. Folt. AUM 40573.

PLESTIODON FASCIATUS (Common Five-lined Skink). USA: ALABAMA: BULLOCK Co.: Wehle Tract (32.03504°N, 85.47283°W). 26 April 2014. C. Guyer, M. Miller, B. Folt. AUM 40574. RANDOLPH Co.: 0.92 road km E of CR 32 on Wedowee Creek View Dr. (33.34292°N, 85.51219°W). 19 October 2013. S. Abate. AUM 40454. SUMTER Co.: floodplain east of CR 17, 0.64 km N of bridge over Interstate Highway 59 (32.52749°N, 88.29874°W). 3 March 2015. C. Guyer, J. Goessling, B. Folt. AUM 40958.

SQUAMATA — SNAKES

AGKISTRODON CONTORTRIX (Copperhead). USA: ALABAMA: CHAMBERS Co.: State Route 77 (33.05693°N, 85.43458°W). 9 September 2012. B. Folt. AHAP-D 622. DOR adult. GENEVA Co.: Eulon Mills

Rd., 200 m W of Old County Rd. (31.11520°N, 86.18915°W). 23 April 2014. J. Goessling. AUM 40565. MONROE Co.: CR 47, ca. 25 km W of Greeneville (31.820972°N, 86.951778°W). 23 March 2012. J. Goessling, M. Wines. AHAP-D 544.

AGKISTRODON PISCIVORUS (Cottonmouth). USA: ALABAMA: FRANKLIN Co.: Small creek by Prices Bridge (34.31207°N, 87.82220°W). 23 August 2014. J. Stiles, S. Stiles. AUM 40876. LOWNDES Co.: Between 3.2–4.0 km NE of Braggs pine/swamp (32.06945°N, 86.77163°W). 2 May 1996. M. Bailey. AUM 33789.

CARP HOPHIS AMOENUS (Common Wormsnake). USA: ALABAMA: CHAMBERS Co.: Off of Highway 50, at its intersection with Little Chatahospee Creek (32.84074°N, 85.49256°W). 16 March 2015. R. Birkhead. AUM 41033. Found by raking leaf litter on a hardwood-covered slope above the creek's floodplain.

COLUBER CONSTRICTOR (North American Racer). USA: ALABAMA: DALLAS Co.: 0.64 road km W of CR 25 on Highway 80 (mile marker 70) (32.43997°N, 87.25317°W). 21 April 2012. D. Laurencio. AUM 39904.

CROTALUS HORRIDUS (Timber Rattlesnake). USA: ALABAMA: CLAY Co.: Rock Pile Creek, off Fuller Rd., 1.13 road km N of White Plains Rd. (33.147303°N, 85.78384°W). 10 July 2012. I.E.P. Turner. AHAP-D 607. Sub-adult found crossing a dried-up stream bed. COOSA Co.: State Highway 22 (32.88303°N, 86.05581°W). 15 July 2012. B. Folt, I. E. P. Turner. AHAP-D 593. HENRY Co.: State Highway 95, 0.48 road km S of CR 204 (31.65066°N, 85.21984°W). 19 August 2013. C. Guyer. AUM 40408.

HETERODON PLATIRHINOS (Eastern Hog-nosed Snake). USA: ALABAMA: BUTLER Co.: State Route 10 (Pineapple Highway) ca. 18 km W of Greeneville (31.828056°N, 86.78425°W). 23 March 2012. J. Goessling, M. Wines. AHAP-D 543. Melanistic individual found DOR. CLEBURNE Co.: CR 522, ca. 0.32 km NW of intersection with CR 523 (33.70555°N, 85.62835°W). 16 September 2014. J. Stiles, S. Stiles. AHAP-D 958. COFFEE Co.: AL 52, 0.58 km SE of CR 490 (31.19320°N, 86.15690°W). 23 April 2014. J. Goessling. AHAP-D 798. GENEVA Co.: Geneva State Forest, Forest Area Rd., ca. 0.5 km W of Harrison Rd (31.11974°N, 86.16515°W). 14 April 2014. J. Goessling. AUM 40540.

LAMPROPELTIS ELAPSOIDES (Scarlet Kingsnake). USA: ALABAMA: COLBERT Co.: Dirt road west of Coon Dog Cemetery Rd. (34.62390°N, 87.97257°W). 7 May 2010. S. Stiles. AUM 40183.

NERODIA SIPEDON (Common Watersnake). USA: ALABAMA: RANDOLPH Co.: Cornhouse creek at Highway 431 bridge (33.23896°N, 85.44194°W). 27 August 2014. R. Birkhead. AUM 40753-54. Found beneath flat rocks right at edge of water.

REGINA SEPTEMVITTATA (Queensnake). USA: ALABAMA: ESCAMBIA Co.: Wing Rd. bridge over Blackwater Creek (31.02881°N, 86.704706°W). 1 September 2013. J. Goessling, B. Folt, C. Murray, M. Cook, S. Johnson, J. Zeyl, C. Guyer. AHAP-D 914. DOR; ravaged by ants, but identified by ventral scale color pattern.

OPHEODRYS AESTIVUS (Rough Greensnake). USA: ALABAMA: GENEVA Co.: Geneva State Forest, Mud Hole Rd., ca. 100 m W of Harrison Rd. (31.16129°N, 86.18737°W). 27 April 2014. J. Goessling. AHAP-D 799. MONROE Co.: Along train track on west side of

tunnel (31.665359° N, 87.229261° W). 23 April 1999. R. Birkhead. AHAP-D 858.

PANTHEROPHIS SPILOIDES (Gray Ratsnake). USA: ALABAMA: ELMORE Co.: Forever Wild Property (32.63430°N, 85.93947°W). 22 March 2012. B. Folt, J. Goessling. AHAP-D 537. Found within the door of an abandoned refrigerator. FRANKLIN Co.: 0.9 km S of Jackson Rd. on AL 247 (34.5079.0°N, 88.01897°W). 8 May 2014. R. Birkhead. AUM 40626.

TANTILLA CORONATA (Southeastern Crowned Snake). USA: ALABAMA: ELMORE Co.: Forever Wild Property, north of Kent (32.633083°N, 85.941306°W). 10 March 2012. J. Goessling, S. Goetz, M. Miller. AUM 39812.

THAMNOPHIS SAURITUS (Eastern Ribbonsnake). USA: ALABAMA: TALLAPOOSA Co.: 1.7 road km NW of CR 98 on Piedmont Drive/Mayton Street (32.82212°N, 85.65006°W). 13 April 2012. D. Laurencio. AUM 39833.

THAMNOPHIS SIRTALIS (Common Gartersnake). USA: ALABAMA: GENEVA Co.: Geneva State Forest, Harrison Rd., ca. 100 m W of Mud Hole Rd (31.15813°N, 86.18046°W). 27 April 2014. J. Goessling. AHAP-D 800.

SISTRURUS MILIARIUS (Pygmy Rattlesnake). USA: ALABAMA: ESCAMBIA Co.: CR 11, south of intersection with Highway 15/29 (31.11183°N, 86.76351°W). 31 August 2013. B. Folt, C. Guyer, C. Murray, J. Zeyl, J. Stiles, M. Cook, S. Johnson. AUM 40387.

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