

New County Records for Amphibians and Reptiles in Georgia, USA

The state of Georgia, in the southeastern United States, supports a diverse herpetofauna (Jensen et al. 2008). Recent field work in the state has resulted in the discovery of many new county records and notable range extensions for amphibians and reptiles. Since the publication of Jensen et al. (2008), the most recent comprehensive treatment of the state's fauna, numerous publications have significantly furthered our knowledge of amphibian and reptile distributions in the state (e.g., Jensen et al. 2011; Pierson and Sollenberger 2014; Thesing and Clause 2018; Fields et al. 2019).

From a review of Williamson and Moulis (1994), VertNet (www.vertnet.org), and geographic distribution notes published in *Herpetological Review* after Jensen et al. (2008), we determined that the records reported here represent new county records, range extensions, or novel barrier island records for Georgia. Voucher specimens or photos supporting these records were deposited in the respective herpetology collections at the Florida Museum of Natural History (UF), Georgia Museum of Natural History (GMNH), Georgia Southern University – Savannah Science Museum Herpetology Collection (GSU), and Georgia Southwestern State University (GSW). Datum used was WGS

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84. All distances between sites given below are in straight-line (airline) kilometers (km). Acronyms accompanying accession numbers correspond to the following museum collections: AMNH (American Museum of Natural History), AUM (Auburn University Museum of Natural History), CHAS (Peggy Notebaert Nature Museum, Chicago Academy of Sciences), CHM (Charleston Museum), CM (Carnegie Museum of Natural History), GMNH (Georgia Museum of Natural History), GSU (Georgia Southern University – Savannah Science Museum Herpetology Collection), GSW (Georgia Southwestern State University), MVZ (Museum of Vertebrate Zoology, University of California, Berkeley), NCSM (North Carolina Museum of Natural Sciences), SLU (Southeastern Louisiana University), TCWC (Biodiversity Research and Teaching Collections, Texas A&M University), UF (Florida Museum of Natural History, University of Florida), UMMZ (University of Michigan Museum of Zoology), USNM (National Museum of Natural History, Smithsonian Institution), and VSU (Valdosta State University).

Herein, we report a total of 151 new records, for 24 amphibians (14 species of salamanders, 10 species of anurans) and 38 reptiles (three species of lizards, including one non-native species, 24 species of snakes, 11 species of turtles), for the state of Georgia.

CAUDATA — SALAMANDERS

AMBYSTOMA MACULATUM (Spotted Salamander). BLECKLEY CO.: 13.9 km NW Cochran, Ocmulgee Wildlife Management Area (32.4511°N, 83.4816°W). 16 October 2017. John B. Jensen and Mark Mandica. GMNH 51465. New county record filling a range hiatus between Laurens and Pulaski counties (Jensen et al. 2008). The nearest record is ca. 37 km to the east in Laurens County (GSU 13038).

EMANUEL CO.: 1.6 km SE Midville, McKinney's Millpond (32.80690°N, 82.24280°W). 22 April 1950. Robert C. Stebbins. MVZ 52698. New county record filling a range hiatus between Jenkins and Treutlen counties (Jensen et al. 2008). The nearest record is ca. 8 km to the east in Jenkins County (GMNH 51889).

JENKINS CO.: S. Herndon Road, Millen (32.8047°N, 82.1259°W). 11 January 2018. Bronc Rice. GMNH 51889 (photo voucher). New county record (Jensen et al. 2008). Extends range ca. 8 km east of the nearest record in Emanuel County (MVZ 52698).

AMBYSTOMA OPACUM (Marbled Salamander). BEN HILL CO.: 18.1 km NE Fitzgerald (31.77923°N, 83.07602°W). 14 April 2017. Dirk J. Stevenson. UF 179685 (photo voucher). New county record filling a range hiatus between Wilcox and Coffee counties (Jensen et al. 2008). The nearest record is ca. 15 km to the north-west in Wilcox County (UF 168077).

AMBYSTOMA TALPOIDEUM (Mole Salamander). WHEELER CO.: 6.5 km NE Lumber City (31.96029°N, 82.62077°W). Dirk J. Stevenson. 12 January 2015. GMNH 50940 (photo voucher). New county record partly filling a range hiatus between Dodge and Tattnall counties (Jensen et al. 2008). The nearest record is ca. 54 km to the west-northwest in Dodge County (GSU 13714).

AMBYSTOMA TIGRINUM (Eastern Tiger Salamander). CHATHAM Co.: Quacco Road, 7.1 km W of Hwy 17 (33.26868°N, 82.32112°W). Gerald K. Williamson, James D. Anderson, and Robert S. Redmond. 19 January 1975. GSU 13779. New county record extending range ca. 21 km NNE of the closest record (GSU 13829) in Liberty County (Jensen et al. 2008).

JEFFERSON Co.: Parrish Place Road (33.26868°N, 82.32112°W). Cary Howe. 19 November 2015. GMNH 51022 (photo voucher). New county record (Jensen et al. 2008). The nearest records are ca. 32 km to the northeast in Richmond County (GMNH 1154) and ca. 41 km to the southeast in Burke County (GSU 17517).

JENKINS Co.: U.S. Hwy 25, Millen (32.83079°N, 81.95005°W). 16 March 2020. Bronc Rice. GSU 26428. 5.0 km W intersection of State Hwy 17 and U.S. Hwy 25 (32.80856°N, 81.00335°W). 9 April 2020. Gannon Walters. GSU 26427. First records for this county record and filling a range hiatus between Emanuel and Screven counties (Jensen et al. 2008). The nearest record is ca. 27 km to the west in Emanuel County (AMNH 108496).

TELFAIR Co.: 15.6 km NE of Jacksonville, Orianne Indigo Snake Preserve (31.85216°N, 82.82042°W). 21 December 2017. Houston C. Chandler, Benjamin S. Stegenga, Jonathon Bolton, and Mike Knoerr. GSU 25725 (photo voucher). New county record partly filling a range hiatus between Wheeler and Irwin counties (Jensen et al. 2008). The nearest record is ca. 23 km to the northeast in Wheeler County (GMNH 50939).

WHEELER Co.: 6.5 km NE Lumber City (31.96029°N, 82.62077°W). Dirk J. Stevenson. 12 January 2015. GMNH 50939 (photo voucher). New county record partly filling a range hiatus between Laurens and Tattall counties (Jensen et al. 2008). The nearest record is ca. 58 km north-northwest in Laurens County (GSU 13791).

AMPHIUMA MEANS (Two-toed Amphiuma). COOK Co.: 9.8 km E Adel (31.12084°N, 83.32179°W). 21 June 2019. Dirk J. Stevenson and Tyler Brock. UF 190002 (photo voucher). New county record filling a range hiatus between Berrien and Brooks counties (Jensen et al. 2008). The nearest record is ca. 12 km to the northeast in Berrien County (USNM 14561).

HANCOCK Co.: 6.7 km NW Sparta, unnamed tributary of Sikes Creek (33.29871°N, 83.04301°W). 23 July 2016. Savannah McGuire. GMNH 51119 (photo voucher). New county record (Jensen et al. 2008) that extends range ca. 36 km NNE from nearest record in Baldwin County (UF 159215; Chandler 2010).

TIFT Co.: 13.7 km NE Tifton, Alapaha River at State Hwy. 319 (31.53250°N, 83.39883°W). 13 July 2016. Dirk J. Stevenson. UF 178446 (photo voucher). New county record filling a range hiatus between Irwin and Worth counties (Jensen et al. 2008). The nearest record is ca. 30 km to the northeast in Irwin County (GMNH 10818).

WORTH Co.: 5.5 km N Sylvester (31.58058°N, 83.83034°W). 17 March 1972. D. Bruce Means and W. Wilson Baker. UF 169591. New county record filling a range hiatus between Baker and Tift counties (Jensen et al. 2008). The nearest record is ca. 41 km to the east in Tift County (UF 178446).

DESMOGNATHUS APALACHICOLAE (Apalachicola Dusky Salamander). WEBSTER Co.: 2.4 km SSW Preston, State Hwy 41 at Kinchafoonie Creek (32.04511°N, 84.54323°W). Dirk J. Stevenson. 5 September 2015. GSU 25453. New county record filling a gap between Stewart and Marion counties (Jensen et al. 2008). The nearest record is ca. 33 km to the west in Stewart County (AUM 37752).

DESMOGNATHUS CONANTI (Spotted Dusky Salamander). JOHNSON Co.: 11.5 km SSE Oconee (32.75181°N, 82.92937°W). Dirk J. Stevenson. 16 October 2015. GSU 25457. New county record filling a gap between Laurens and Jefferson counties (Jensen et al. 2008). The nearest record is ca. 14 km to the south in Laurens County (GMNH 50111).

TATTALL Co.: 6.2 km WSW Reidsville, Ohoopie River (32.03974°N, 82.17238°W). Robert E. Herrington. 7 December 2014. GSW 6734. New county record and first record for the Ohoopie River drainage (Jensen et al. 2008). Extends range ca. 43 km northwest from the closest record in Wayne County (GMNH 50033).

EURYCEA CIRRIGERA (Southern Two-lined Salamander). GLYNN Co.: 20.6 km N of Brunswick, Altama Plantation Wildlife Management Area (31.33542°N, 81.49448°W). 26 December 2017. Jonathon Bolton. GSU 25726. New county record filling a gap between McIntosh and Camden counties (Jensen et al. 2008). The nearest record is ca. 19 km to the northwest in McIntosh County (GSU 15722).

EURYCEA GUTTOLINEATA (Three-lined Salamander). LAURENS Co.: 11.4 km WSW Dublin, Turkey Creek (32.51880°N, 83.02281°W). 21 April 2018. Dirk J. Stevenson. UF 184341 (photo voucher). New county record filling a gap between Dodge and Johnson counties (Jensen et al. 2008). The nearest record is ca. 42 to the northeast in Johnson County (CM 134728).

PLETHODON OCMULGEE (Ocmulgee Slimy Salamander). BEN HILL Co.: 5.0 km SW Jacksonville, Moblely Bluff Road Landing (31.77556°N, 83.00914°W). 14 April 2017. Dirk J. Stevenson. UF 179684 (photo voucher). New county record filling a gap between Wilcox and Coffee counties (Jensen et al. 2008). The nearest record is ca. 15 km to the northwest in Wilcox County (GMNH 299).

PSEUDOTRITON MONTANUS (Mud Salamander). MCINTOSH Co.: 4.5 km NW Darien, adjacent N State Hwy 251 (31.40641°N, 81.45539°W). 9 March 2016. Dirk J. Stevenson. GSU 25478. New county record filling a gap between Glynn and Liberty counties (Jensen et al. 2008). The nearest record is ca. 10 km to the south-southwest in Glynn County (GMNH 299; Stevenson et al. 2009).

PSEUDOTRITON RUBER (Red Salamander). LAURENS Co.: 11.4 km WSW Dublin, Turkey Creek (32.51880°N, 83.02281°W). 21 April 2018. Dirk J. Stevenson. UF 184341 (photo voucher). New county record filling a gap between Wilkinson and Wheeler counties (Jensen et al. 2008). The nearest record is ca. 50 km to the south-southeast in Wheeler County (GSU 24858; Butler et al. 2014).

PULASKI Co.: 10.7 km WSW Cochran; Ocmulgee Wildlife Management Area (32.36027°N, 83.46528°W). 31 May 2015. Dirk J. Stevenson. GSU 25445. New county record and a range extension of ca. 23 km east of the nearest record in Houston County (Jensen et al. 2008).

SIREN INTERMEDIA (Lesser Siren). BRANTLEY Co.: 12.9 km E Nahunta (31.17119°N, 81.85193°W). 30 March 2018. Dirk J. Stevenson. GSU 26264. New county record filling a gap between Charlton and Wayne counties (Jensen et al. 2008). The nearest record is ca. 40 km to the north-northwest in Wayne County (GSU 20135).

JENKINS Co.: 11.2 km SE Millen (32.75506°N, 81.84489°W). Dirk J. Stevenson. 25 July 2015. GSU 25463. New county record

filling a gap between Burke and Screven counties (Jensen et al. 2008). The nearest record is ca. 31 km to the southeast in Screven County (NCSM 70964).

PIERCE Co.: 7.3 km SE Patterson (31.36000°N, 82.07075°W). 3 July 2015. Dirk J. Stevenson. GSU 25449. New county record filling a gap between Brantley and Bacon counties (Jensen et al. 2008). The nearest record is ca. 41 km to the northwest in Bacon County (GSU 2308).

SIREN LACERTINA (Greater Siren). BULLOCH Co.: 8.3 km E Statesboro, stream crossing at County Route 441 (32.45059°N 81.69451°W). 30 April 2016. Benjamin S. Stegenga. GSU 25616 (photo voucher). New county record filling a gap between Effingham and Evans counties (Jensen et al. 2008). The nearest record is ca. 37 km to the south-southwest in Evans County (GSU 17807).

CAMDEN Co.: 16.8 km W Woodbine, Satilla River at State Hwy 252 (30.94483°N, 81.89682°W). 15 March 2019. Dirk J. Stevenson and Justin Oguni. GSU 26328. New county record filling a gap between Charlton and Glynn counties (Jensen et al. 2008). The nearest record is ca. 35 km to the west in Charlton County (USNM 141531).

GLYNN Co.: 8.2 km SW Darien, Altama Plantation Wildlife Management Area (31.32617°N, 81.50320°W). 3 July 2016. Dirk J. Stevenson and Matt Moore. GSU 25574. New county record filling a gap between McIntosh and Camden counties (Jensen et al. 2008). The nearest record is ca. 5 km to the northwest in McIntosh County (GMNH 15503).

TELFAIR Co.: State Hwy 441, 1.0 km S McRae (32.05325°N, 82.90793°W). 31 March 1980. Royal D. Suttikus. SLU 1117. New county record filling a gap between Ben Hill and Wheeler counties (Jensen et al. 2008). The nearest record is ca. 22 km to the southeast in Wheeler County (GSU 26330).

WHEELER Co.: 20.7 km SSE Alamo, Alligator Creek Wildlife Management Area (31.97167°N, 82.70068°W). 8 April 2019. Dirk J. Stevenson. GSU 26330. New county record (Jensen et al. 2008). The nearest record is ca. 22 km to the northwest in Telfair County (SLU 1117).

ANURA — FROGS

ACRIS CREPITANS (Eastern Cricket Frog). WAYNE Co.: 6.1 km N Madray Springs, Arnold River Road Boat Landing at Altamaha River (31.78787°N, 81.99066°W). 5 April 2018. Dirk J. Stevenson. GSU 26265. New county record filling a hiatus between Appling and Long counties (Jensen et al. 2008). The nearest record is ca. 17 km to the northwest in Tattnall County (GSU 17516).

ANAXYRUS QUERCICUS (Oak Toad). TELFAIR Co.: 15 km WSW Lumber City (31.85956°N, 82.81367°W). 29 May 2018. Jacob Barrett. GMNH 51880 (photo voucher). New county record partly filling a hiatus between Irwin and Wheeler counties (Jensen et al. 2008). The nearest record is ca. 27 km to the north-northwest in Wheeler County (GMNH 22817).

HYLAAVIVOCA (Bird-Voiced Treefrog). WHEELER Co.: 2.3 km NNE McRae, Little Ocmulgee State Park (32.08805°N, 82.89311°W). 14 April 2017. Dirk J. Stevenson. UF 179686 (photo voucher). New county record filling a gap between Laurens and Telfair counties (Jensen et al. 2008). The nearest record is 29 km to the south-southeast in Telfair County (GSU 11188).

HYLA CINEREA (Green Treefrog). WALKER Co.: 8.7 km SW Lafayette, Pettijohn Cave, Crockford-Pigeon Mountain Wildlife Management Area (34.66457°N, 85.36305°W). 21 July 2016. John B. Jensen. GMNH 51105 (photo voucher). This new county record (Jensen et al. 2008) fills a gap between surrounding counties and is ca. 39 km southwest from the nearest record in Catoosa County (AUM 34834) and 24 northwest of the nearest record in Chattooga County (GMNH 50794).

HYLA GRATIOSA (Barking Treefrog). IRWIN Co.: 14.7 km SW Ocala, Alapaha River Wildlife Management Area (31.52388°N, 83.38081°W). 16 April 2014. John B. Jensen. GMNH 51061. This new county record (Jensen et al. 2008) located ca. 42 km SSW of nearest record in Wilcox County (UMMZ 98056) and fills in a gap between Ben Hill and Tift counties.

LITHOBATES CLAMITANS (Green Frog). CANDLER Co.: 5.8 km N Metter (32.44934°N, 82.05813°W). 24 June 2016. Houston C. Chandler and C. Ray Chandler. GSU 25563 (photo voucher). New county record filling a gap between Emanuel and Bulloch counties (Jensen et al. 2008). The nearest record is 35 km to the east in Bulloch County (GSU 9255).

LITHOBATES HECKSCHERI (River Frog). GLYNN Co.: 7.0 km SE Everett, Clayhole Swamp WMA (31.36797°N, 81.57005°W). 29 May 2016. Dirk J. Stevenson. GSU 25558. New county record filling a gap between McIntosh and Brantley counties (Jensen et al. 2008). The nearest record is ca. 8 km to the north in McIntosh County (GSU 2286).

PSEUDACRIS FERIARUM (Upland Chorus Frog). COFFEE Co.: 13.3 km ESE Jacksonville, Flat Tub Wildlife Management Area (31.79503°N, 82.83960°W). 12 May 2015. Dirk J. Stevenson and Frankie H. Snow. GSU 25444. New county record partly filling a gap between Appling and Telfair counties (Jensen et al. 2008). The nearest record is ca. 6 km to the northeast in Telfair County (GSU 11892).

MONTGOMERY Co.: 3.5 km S Uvalda (31.98220°N, 82.55193°W). 28 February 2018. Jonathon Bolton, Benjamin Stegenga, Michael Holden, and Zachary Cava. GSU 26291. New county record filling a gap between Wheeler and Toombs counties (Jensen et al. 2008). The nearest record is ca. 1 km to the south in Wheeler County (GSU 26292).

TOOMBS Co.: 20.4 km N Baxley (31.95889°N, 82.35378°W). 20 March 2018. Benjamin S. Stegenga. GSU 26294. New county record and range extension of ca. 7 km from the nearest record (GSU 17808) in Appling County (Jensen et al. 2008).

WHEELER Co.: 3.5 km S Uvalda (31.97814°N, 82.54653°W). 28 February 2018. Benjamin S. Stegenga, Jonathon Bolton, Michael Holden, and Zachary Cava. GSU 26292. New county record filling a gap between Telfair and Montgomery counties (Jensen et al. 2008). The nearest record is ca. 1 km to the north in Montgomery County (GSU 26291).

The above records further substantiate the presence of a population of *P. feriarum* in the corridor of bottomland hardwood forest fringing the alluvial floodplain of the Oconee River, Ocmulgee River, and Altamaha River (Stevenson and Chandler 2017).

PSEUDACRIS ORNATA (Ornate Chorus Frog). WILCOX Co.: 15.6 km N Fitzgerald, Bowen's Mill Fish Hatchery (31.84974°N, 83.20812°W). Dylan D. Kelly. 23 January 2015. GMNH 50938

(photo voucher). New county record filling a gap between Pulaski and Ben Hill counties (Jensen et al. 2008). The nearest record is ca. 17 km to the south in Ben Hill County (NCSM 67119).

SCAPHIOPUS HOLBROOKII (Eastern Spadefoot). JASPER Co.: 18.4 km NNW Monticello, Charlie Elliott Wildlife Center (33.46576°N, 83.73160°W). 23 July 2015. John B. Jensen and Berkeley Boone. GMNH 50982. New county record that partially fills in a large hiatus in the west-central Piedmont region (Jensen et al. 2008). This record is ca. 60 km northwest of the nearest record in Baldwin County (GSU 9700).

JEFF DAVIS Co.: Hazlehurst (31.86944°N, 82.59444°W). 8 September 1957. James R. Dixon. TCWC 34708. New county record filling a gap between Wheeler and Appling counties (Jensen et al. 2008). The nearest record ca. 14 km to the northwest in Wheeler County (GSU 2305).

PIERCE Co.: 5.0 km W Blackshear, Cason Road (31.31445°N, 82.29427°W). 23 December 2019. Dirk J. Stevenson. GMNH 52054 (photo voucher). New county record filling a gap between Appling and Ware counties, with the nearest record ca. 30 km to the north-northeast in Appling County (Jensen et al. 2008).

STEPHENS Co.: 10.0 km NNE Toccoa, Yonah Dam Road (34.66429°N, 83.30964°W). 17 May 2018. Tyler Brock and Chris Mace. GMNH 51888. New county record that partially fills in a large hiatus between the Blue Ridge and middle Piedmont ecoregions (Jensen et al. 2008). A record from neighboring Habersham County (UMMZ 86513) lacks specific locality information.

WAYNE Co.: 2.4 km SSE Screven (31.46681°N, 82.00588°W). 25 December 2014. Dirk J. Stevenson. GSU 25437. New county record filling a gap between Appling and Glynn counties, with the nearest record ca. 22 km to the northwest in Appling County (Jensen et al. 2008).

TESTUDINES — TURTLES

APALONE FEROX (Florida Softshell Turtle). APPLING Co.: State Hwy 203, 16.0 km S Surrency (31.58374°N, 82.16217°W). 18 June 2019. Dirk J. Stevenson and Tyler Brock. UF 190006 (photo voucher). New county record filling a range hiatus between Wayne and Toombs counties (Jensen et al. 2008). The nearest record is ca. 17 km to the southeast (GSU 1493).

BRYAN Co.: 3.8 km NNW Pembroke (32.16159°N, 81.64791°W). 13 May 2015. Dirk J. Stevenson. GSU 25443 (photo voucher). New county record filling a range hiatus between Bulloch and Liberty counties (Jensen et al. 2008). The nearest record is ca. 18 km to the north-northeast in Bulloch County (CHM 128).

JENKINS Co.: State Hwy 121, Millen (32.7168°N, 81.9995°W). 5 June 2017. Cheri Rice. GMNH 51892 (photo voucher). New county record filling a range hiatus between Emanuel and Screven counties (Jensen et al. 2008). The nearest record is ca. 22 km to the northwest in Emanuel County (CHM 181).

WHEELER Co.: 17.8 km SSE Alamo (32.00710°N, 82.68875°W). 25 May 2016. Dirk J. Stevenson. UF 177848 (photo voucher). New county record partly filling a range hiatus between Telfair and Toombs counties (Jensen et al. 2008). The nearest record is ca. 21 km to the southwest in Telfair County (UF 134829).

APALONE SPINIFERA (Spiny Softshell). ATKINSON Co.: 13.0 km S Willacoochee; Alapaha River (31.22251°N, 83.05013°W). 25 September 2018. Dirk J. Stevenson and Chris Coppola. UF 187339 (photo voucher). New county record filling a gap between Coffee

and Lanier counties (Jensen et al. 2008). The nearest record is ca. 9 km to the north in Berrien County (UF 178383).

BANKS Co.: 6.0 km SE Baldwin (34.45890°N, 83.48622°W). 15 June 2018. Carlos D. Camp. GMNH 51885 (photo voucher). New county record (Jensen et al. 2008) and range extension of ca. 39 km to the north-northeast from nearest record in Jackson County (GSU 1496).

BERRIEN Co.: 4.3 km SSW Willacoochee; Alapaha River (31.30306°N, 83.05361°W). 27 June 2016. Dirk J. Stevenson. UF 178383 (photo voucher). New county record filling a gap between Coffee and Lanier counties (Jensen et al. 2008). The nearest record is ca. 9 km to the south in Atkinson County (UF 187339).

JEFFERSON Co.: 4.2 km SSE Louisville; Ogeechee River (32.96789°N, 82.39077°W). 21 August 2015. Dirk J. Stevenson. GSU 25462 (photo voucher). New county record filling a gap between Burke and Johnson counties (Jensen et al. 2008). The nearest record is ca. 25 km to the north-northwest in Emanuel County (GSU 1507).

STEPHENS Co.: 10.6 km NNW Toccoa; Panther Creek (34.66948°N, 83.36277°W). 28 June 2019. Tyler Brock and Carlos D. Camp. GMNH 51998. New county record (Jensen et al. 2008) and range extension of ca. 68 km to the north-northeast from nearest record in Jackson County (GSU 1496).

CHELYDRA SERPENTINA (Snapping Turtle). JENKINS Co.: Millen (32.7386°N, 82.0266°W). 21 February 2018. Bronc Rice. GMNH 51891 (photo voucher). New county record filling a range hiatus between Bulloch and Screven counties (Jensen et al. 2008). The nearest record is ca. 46 km to the east in Screven County (GMNH 166).

WAYNE Co.: 7.6 km NNE Jesup (31.66625°N, 81.84419°W). 11 February 2019. Dirk J. Stevenson. UF 26329 (photo voucher). New county record filling a range hiatus between Appling and Glynn counties (Jensen et al. 2008). The nearest record is ca. 14 km to the northwest in Long County (GSU 1600).

CLEMMYS GUTTATA (Spotted Turtle). BLECKLEY Co.: ca. 16.0 km N Hawkinsville (exact locality withheld due to conservation concern). 14 June 2018. Zachary Cava and Houston C. Chandler. GSU 26258 (photo voucher). New county record filling a gap between Dodge and Twiggs counties (Jensen et al. 2008). The nearest record is ca. 10 km to the northeast in Twiggs County (GMNH 3835).

WAYNE Co.: ca. 35.0 km NW Brunswick (exact locality withheld due to conservation concern). 28 April 2018. Zachary Cava and Houston C. Chandler. GSU 26256 (photo voucher). New county record filling a gap between Glynn and Long counties (Jensen et al. 2008). The nearest record is ca. 10 km to east in Glynn County (GMNH 20020; Stevenson et al. 2009).

DEIROCHELYS RETICULARIA (Chicken Turtle). TELFAIR Co.: 16.0 km SSW Lumber City, Orianne Indigo Snake Preserve (31.85207, 82.82110). Kevin M. Stohlgren and Don Newman. 20 January 2016. UF 177240 (photo voucher). New county record filling a range hiatus between Wheeler and Coffee counties (Jensen et al. 2008). The nearest record is ca. 26 km to the northeast in Wheeler County (GSU 20064).

KINOSTERNON BAURII (Striped Mud Turtle). CAMDEN Co.: 17.9 km WNW Woodbine (31.00478°N, 81.90495°W). 15 March 2019. Dirk J. Stevenson and Justin Oguni. GSU 26327 (photo voucher). New county record filling a range hiatus between Charlton and

Glynn counties (Jensen et al. 2008). The nearest record is ca. 37 km to the southwest in Charlton County (USNM 59405).

COLQUITT Co.: 9.0 km NNE Ellenton (31.24440°N, 83.53774°W). 18 July 2018. Tyler Brock, Andy Day, and Dirk J. Stevenson. UF 187411 (photo voucher). New county record partly filling a range hiatus between Lowndes and Grady counties (Jensen et al. 2008). The nearest record is ca. 80 km to the southwest in Grady County (UF 8209).

PULASKI Co.: 10 km N Hawkinsville (32.37888°N, 83.47492°W). 13 June 2018. Zachary Cava and Houston C. Chandler. GSU 26259. (photo voucher). New county record partly filling a range hiatus between Dodge and Dooly counties (Jensen et al. 2008). The nearest record is ca. 46 km to the south-southeast in Dodge County (GSU 1740).

TURNER Co.: 18.2 km E Ashburn (31.70236°N, 83.46506°W). 2 October 2018. Dirk J. Stevenson. UF 187353 (photo voucher). New county record and slight range extension to the south from records for Crisp/Wilcox counties (Jensen et al. 2008). The nearest record is ca. 29 km to the northeast in Wilcox County (GMNH 235).

MACROCHELYS SUWANNIENSIS (Suwannee Alligator Snapping Turtle). ATKINSON Co.: 13.0 km S Willacoochee; Alapaha River (31.22251°N, 83.05013°W). 27 September 2018. Dirk J. Stevenson and Chris Coppola. UF 187357 (photo voucher). New county record filling a gap between Coffee and Lanier counties (Jensen et al. 2008). The nearest record is ca. 15 km to the north-northwest in Berrien County (UF 178389).

BERRIEN Co.: 4.9 km WNW Willacoochee; Alapaha River (31.35126°N, 83.09472°W). 28 June 2016. Dirk J. Stevenson, Jacob Barrett, Frankie H. Snow and Matthew J. Elliott. UF 178389 (photo voucher). New county record filling a gap between Coffee and Lanier counties (Jensen et al. 2008). The nearest record is ca. 15 km to the south-southeast in Atkinson County (UF 187357).

CHARLTON Co.: 16.3 km SW Folkston, Okefenokee National Wildlife Refuge (30.73771°N, 82.14139°W). 29 December 2019. Chris Adams and Joy Campbell. GMNH 52076 (photo voucher). Large male captured by angler. First county record supported by a museum voucher (Jensen et al. 2008). An old literature record exists for the same part of the Okefenokee Swamp (de Sola and Abrams 1933). Except for this specimen, there are few credible observations and no recent (1950–present) museum records for the Okefenokee Swamp proper, and very few for the Upper Suwannee River downstream of where it drains the swamp (Jensen and Birkhead 2003; Pritchard 2006).

CLINCH Co.: 8.6 km N Fargo; Jones Creek (30.76031°N, 82.56027°W). 29 April 2016. Corey Davis. UF 190012 (photo voucher). New county record for northeastern edge of the species range (Jensen et al. 2008). The nearest record is ca. 22 km to the southwest in Echols County (UF 190013).

COFFEE Co.: 2.3 km W Lax; Willacoochee River (31.47123°N, 83.14569°W). 19 June 2019. Dirk J. Stevenson and Tyler Brock. UF 190007 (photo voucher). New county record (Jensen et al. 2008) and range extension of ca. 23 km east from the nearest record in Irwin County (UF 178171).

COLQUITT Co.: 14.8 km E Norman Park; Warrior Creek (31.24435°N, 83.53548°W). 19 July 2018. Dirk J. Stevenson, Tyler Brock, and Andy Day. UF 187358 (photo voucher). A literature record exists for this county (Jensen et al. 2008); this is the first museum record.

ECHOLS Co.: 1.2 km S Statenville, Alapaha River (30.69480°N, 83.04276°W). 21 August 2018. Benjamin S. Stegenga and Jonathon

Bolton. GSU 26381 (photo voucher). New county record (Jensen et al. 2008) and range extension in the Alapaha River main stem of 38 airline km south from the nearest record in Lanier County (UF 178389).

IRWIN Co.: 13.1 km NE Tifton, Alapaha River Wildlife Management Area (31.50014°N, 83.38221°W). 6 June 2016. Bryn Pipes, Dirk J. Stevenson, Matthew J. Elliott and Benjamin S. Stegenga. UF 178161 (photo voucher). New county record (Jensen et al. 2008) filling a gap between Turner and Coffee counties. The nearest record is ca. 23 km to the north-northwest in Turner County (GSU 18993; Rigdon et al. 2011).

WORTH Co.: Warrior Creek, 19.6 km S Sylvester (31.36279°N, 83.76844°W). 7 September 2019. Dirk J. Stevenson and Nick Schiltz. UF 190015. New county record and upstream most record for the drainage (Jensen et al. 2008). The nearest record is ca. 26 km to the southeast in Colquitt County (UF 187358).

PSEUDEMYS CONCINNA (River Cooter). LONG Co.: 10.1 km SW Ludowici; Altamaha River (31.66681°N, 81.83730°W). 20 May 2016. Dirk J. Stevenson. UF 177778 (photo voucher). New county record filling a gap between Tattnall and McIntosh counties (Jensen et al. 2008). The nearest record is ca. 29 km to the southeast (AUM 21853).

STERNOTHERUS MINOR (Loggerhead Musk Turtle). CAMDEN Co.: 17.0 km W Woodbine; Satilla River (30.94552°N, 81.89846°W). 15 March 2019. Dirk J. Stevenson and Justin Oguni. GSU 26323 (photo voucher). New county record and range extension into the lower Satilla River drainage, the nearest record is also from the Satilla River, in adjacent Brantley County (cited in Jensen et al. 2008, without specific locality data).

CHARLTON Co.: 1.8 km E St. George; St. Mary's River (30.52433°N, 82.01902°W). 9 March 2019. Dirk J. Stevenson and Chris Stanford. GSU 26324 (photo voucher). New county record filling a gap between Ware and Camden counties (Jensen et al. 2008). The nearest record is ca. 64 km to the north-northwest (USNM 84615).

MCINTOSH Co.: 16.3 km WNW Darien, Altamaha Wildlife Management Area (31.43889°N, 81.58573°W). 30 April 2018. Dirk J. Stevenson. UF 184342 (photo voucher). New county record and range extension of 14 km south from the nearest record in Long County (UF 178100; Jensen et al. 2008). Also, the downstream most record to date for the Altamaha River (Stevenson and Chandler 2017).

PIERCE Co.: 7.2 km SE Patterson (31.36105°N, 82.07183°W). 30 June 2016. Dirk J. Stevenson. UF 178303 (photo voucher). New county record filling a range hiatus between Wayne and Ware counties (Jensen et al. 2008). The nearest record is ca. 44 km to the northwest in Bacon County (UMMZ 10095).

STERNOTHERUS ODORATUS (Common Musk Turtle). CAMDEN Co.: 16.8 km W Woodbine; Satilla River (30.94483°N, 81.89682°W). 15 March 2019. Dirk J. Stevenson and Justin Oguni. GSU 26325 (photo voucher). New county record filling a gap between Charlton and Glynn counties (Jensen et al. 2008). The nearest record is ca. 46 km to the north-northeast in Glynn County (GSU 2015).

CHARLTON Co.: 1.6 km E St. George; St. Mary's River (30.52372°N, 82.02063°W). 9 March 2019. Dirk J. Stevenson and Chris Stanford. GSU 26326 (photo voucher). New county record filling a gap between Ware and Camden counties (Jensen et al. 2008). The nearest record is ca. 20 km to the northwest in Ware County (GMNH 19487).

MACON Co.: 14.1 km SSE Reynolds (32.43429°N, 84.07458°W). 5 September 2015. Dirk J. Stevenson. GSU 25454 (photo voucher). New county record filling a gap between Sumter and Houston counties (Jensen et al. 2008). The nearest record is ca. 47 km to the south-southwest in Sumter County (UMMZ 110400).

MCINTOSH Co.: 10.6 km NW Darien, Altamaha Wildlife Management Area (31.43879°N, 81.51284°W). 29 May 2016. Dirk J. Stevenson. UF 177861 (photo voucher). New county record filling a gap between Liberty and Glynn counties (Jensen et al. 2008). The nearest record is ca. 20 to the south-southwest in Glynn County (GSU 2015).

WASHINGTON Co.: 10.0 km SE Sandersville (32.92917°N, 82.72359°W). 12 May 2016. Dirk J. Stevenson. UF 177757 (photo voucher). New county record filling a gap between Wilkinson and Jefferson counties (Jensen et al. 2008).

TRACHEMYS SCRIPTA (Pond Slider). ATKINSON Co.: 12.8 km S Willacoochee (31.22550°N, 83.04834°W). 28 June 2016. Dirk J. Stevenson, Houston C. Chandler, and Matthew J. Elliott. UF 178304 (photo voucher). New county record filling a gap between Coffee and Lanier counties (Jensen et al. 2008). The nearest record is ca. 8 km to the north in Berrien County (GSU 2161).

HABERSHAM Co.: Demorest, Piedmont College campus pond (34.56594°N, 83.54128°W). 31 May 2015. Carlos D. Camp. GMNH 50953. This observation, a new county record, represents an introduced population located well outside the species natural range in Georgia, with the nearest records for natural populations located ca. 50 km to the south in Jackson County (Jensen et al. 2008).

SQUAMATA — LIZARDS

HEMIDACTYLUS TURCICUS (Mediterranean Gecko). JENKINS Co.: 0.8 km E jct. of U.S. Hwy 25 and State Hwy 17 (32.80424°N, 81.94028°W). 4 June 2020. Gannon Walters. GSU 26430. New county record for a non-native species (Jensen et al. 2008). There is a recent record for ca. 45 km to the southeast in Bulloch County (GSU 25578; Wood et al. 2019).

LIBERTY Co.: St. Catherines Island (31.66888°N, 81.15821°W). 1 December 2017. Royce H. Hayes. UF 187349 (photo voucher). New county record and first island record for a non-native species (Jensen et al. 2008; Laerm et al. 2000). The species has also been documented ca. 46 km to the north from a site in Chatham County (GSU 17277).

WHEELER Co.: 2.8 km NNE McRae, Little Ocmulgee State Park (32.09285°N, 82.89604°W). 10 October 2017. Dirk J. Stevenson. GSU 25721. New county record for a non-native species (Jensen et al. 2008). The species has also been documented ca. 3 km to the southwest from a site in Telfair County (GSU 2280).

PLESTIODON ANTHRACINUS PLUVIALIS (Southern Coal Skink). BARTOW Co.: 5.6 km SE Rydal, Pine Log Wildlife Management Area (34.30470°N, 84.66630°W). 15 August 2016. Rebecca Byrd. GMNH 51120. This new county record (Jensen et al. 2008), a range extension, is located ca. 60 km southwest of the nearest record in Lumpkin County (GMNH 164).

PAULDING Co.: 13.1 km NNW Dallas, Sheffield Wildlife Management Area (34.02894°N, 84.90712°W). 30 April 2016. Rebecca Byrd. GMNH 51060. This new county record (Jensen et al. 2008), a range extension, is situated ca. 35 km south of the nearest record in Bartow County (GMNH 51120). These Bartow and Paulding county specimens were found in a region

of Georgia previously considered a significant gap between the state's range of the northern subspecies (*P. a. anthracinus*) and that of the southern subspecies.

STEPHENS Co.: 8.0 km N Toccoa, Yonah Dam Road (34.66811°N, 83.31644°W). 16 February 2018. Tyler Brock, Cecilia Davis, and Carlos D. Camp. GMNH 51920. New county record (Jensen et al. 2008). Extends range of records concentrated in the northeastern corner of the state ca. 24 km east-northeast of the nearest record in Habersham County (Hotchkin et al. 2001).

PLESTIODON LATICEPS (Broad-headed Skink). LAURENS Co.: 11.3 km SE Dublin, Beaverdam Wildlife Management Area (32.46162°N, 82.82895°W). 24 April 2015. Dirk J. Stevenson. GSU 25442 (photo voucher). New county record (Jensen et al. 2008) that fills in a gap among surrounding counties and is situated ca. 21 km east of nearest record in Treutlen County (GSU 503).

SQUAMATA — SNAKES

AGKISTRODON CONTORTRIX (Eastern Copperhead). GLYNN Co.: 20.5 km N Brunswick, Altama Plantation Wildlife Management Area (31.33529°N, 81.49388°W). 4 July 2018. Kylie Haberman. GMNH 51936 (photo voucher). New county record (Jensen et al. 2008). First record for the south side of the Altamaha River in the lower Atlantic Coastal Plain of Georgia (Stevenson and Chandler 2017), extending range ca. 11 km to the south from the closest record in McIntosh County (GMNH 40069).

CROTALUS ADAMANTEUS (Eastern Diamond-backed Rattlesnake). EARLY Co.: 24.0 km SW Blakely (31.20210°N, 85.08044°W). February 2012. Lora L. Smith. GSU 25440 (photo voucher). New county record located ca. 27 km west of the closest record in Miller County (Jensen et al. 2008).

LANIER Co.: 13.1 km NNE Lakeland, Ivey Road at St Hwy 168 (31.15414°N, 83.02710°W). 21 April 2016. Kelsie Kincaid. GMNH 51059 (photo voucher). New county record filling a gap between Clinch and Berrien counties (Jensen et al. 2008). The nearest record is ca. 14 km to the north in Atkinson County (GSU 11905).

DIADOPHIS PUNCTATUS (Ring-necked Snake). BEN HILL Co.: 6.7 km SW Jacksonville (31.76990°N, 83.03160°W). 17 July 2015. Dirk J. Stevenson. GSU 25461. New county record filling a gap between Coffee and Wilcox counties (Jensen et al. 2008). The nearest record is ca. 19 km to the northwest in Wilcox County (USNM 162626).

BLECKLEY Co.: 13.9 km NW Cochran, Ocmulgee Wildlife Management Area (32.4511°N, 83.4816°W). 16 October 2017. John B. Jensen and Mark Mandica. GMNH 51877 (photo voucher). New county record filling a gap between Laurens and Pulaski counties (Jensen et al. 2008). The nearest record is ca. 12 km to the north-northwest in Twiggs County (GSU 6724).

DODGE Co.: 12.2 km NNE Eastman (32.29094°N, 83.11145°W). 26 March 2016. Jacob Barrett. GSU 25474 (photo voucher). New county record filling a gap between Bleckley and Laurens counties (Jensen et al. 2008). The nearest record is ca. 32 km to the northeast in Laurens County (GSU 2028).

FARANCIA ABACURA (Red-bellied Mudsnake). DODGE Co.: 17.1 km S Eastman (32.04433°N, 83.18606°W). 28 June 2016. Jacob Barrett. GSU 25576. New county record filling a hiatus between Telfair and Pulaski counties (Jensen et al. 2008). The nearest record is ca. 34 km to the southeast in Telfair County (GMNH 50393).

FARANCIA ERYTROGRAMMA (Rainbow Snake). APPLING CO.: 24.0 km NE Baxley, Carters Bight Landing (31.86206°N 82.11536°W). GSU 26417. May 2020. Dirk J. Stevenson. New county record (Jensen et al. 2008). Fills a range gap between Wayne County and a recently published record for Jeff Davis County (Stevenson et al. 2014). The nearest record is located ca. 7 km to the north in Tattall County (UF 21988; Stevenson et al. 2011).

CAMDEN CO.: 3.9 km NE White Oak (31.05677°N 81.70284°W). 1 April 2019. Cate Williams. GMNH 52077 (photo voucher). New county record, filling a gap between a record for Charlton County (GMNH 50107; Nazdrowicz and Watson 2009) and Glynn County (Jensen et al. 2008). The nearest record is ca. 21 km to the north in Glynn County (UMMZ 32500).

JENKINS CO.: Old Louisville Road, 1.5 km W Millen (32.80377°N 81.96531°W). 1 June 2016. Benjamin S. Stegenga. GSU 25555. New county record filling a gap between Burke and Emanuel counties (Jensen et al. 2008). The nearest record is ca. 24 km to the west in Emanuel County (UF 21988).

MONTGOMERY CO.: 5.8 km SSE Uvalda (31.98507°N, 82.49599°W). 12 September 2018. Dirk J. Stevenson. UF 187348 (photo voucher). New county record filling a gap between Wheeler County (GSU 24480; Butler et al. 2014) and Toombs counties (Jensen et al. 2008). The nearest record is ca. 2 km to the southeast in Toombs County (GSU 26331).

TOOMBS CO.: McNatt Falls Road, 8.9 km SW Cedar Crossing (31.97319°N, 82.47852°W). 12 April 2019. Dirk J. Stevenson. GSU 26331. New county record filling a gap between Montgomery and Tattall counties (Jensen et al. 2008). The nearest record is ca. 2 km to the northwest in Toombs County (UF 187348).

HALDEA STRIATULA (Rough Earthsnake). COFFEE CO.: 13.3 km ESE Jacksonville, Flat Tub Wildlife Management Area (31.79503°N, 82.83960°W). 18 March 2015. Dirk J. Stevenson, Frankie H. Snow, and Christopher L. Jenkins. UF 175661. New county record filling a gap between Telfair and Bacon counties (Jensen et al. 2008). The nearest record is ca. 13 km to the west (GMNH 6693).

HETERODON SIMUS (Southern Hog-nosed Snake). GLASCOCK CO.: State Hwy 102, 5.4 km SE Gibson (33.19749°N, 82.55763°W). 18 October 2019. Dirk J. Stevenson. GMNH 52052 (photo voucher). New county record filling a gap between Jefferson and McDuffie counties (Jensen et al. 2008). The nearest record is ca. 15 km to the northeast in Jefferson County (UMMZ 84453).

LAMPROPELTIS ELAPSOIDES (Scarlet Kingsnake). COLUMBIA CO.: 16.0 km NNW Evans (33.64929°N, 82.22079°W) 3 May 2020. Cary Howe. GMNH 52114 (photo voucher). New county record filling a gap between Richmond and McDuffie counties (Jensen et al. 2008). The nearest record is ca. 27 km to the northwest in Richmond County (GMNH 6089).

DODGE CO.: 13.6 km NNE Rhine (32.10993°N, 83.17601°W). 15 May 2015. Jacob Barrett. GSU 25441 (photo voucher). New county record filling a gap between a Bleckley County record (GSU 24865; Butler et al. 2012) and Telfair County (Jensen et al. 2008). The nearest record is ca. 33 km to the east in Telfair County (GSU 4908).

LAURENS CO.: 31.5 km NE Eastman (32.35095°N, 82.89588°W). 15 June 2016. Bryn Pipes. UF 178390 (photo voucher). New county record filling a gap between a Bleckley County record (GSU 24865; Butler et al. 2012) and Treutlen County (Jensen et al. 2008). The nearest record is ca. 33 km to the south in Telfair County (GSU 4908).

LAMPROPELTIS TRIANGULUM TRIANGULUM (Eastern Milksnake). STEPHENS CO.: Yonah Dam Road, 8.0 km N Toccoa (34.66196°N, 83.30521°W). 15 May 2018. Tyler Brock and Chris Mace. GMNH 51886. This new county record (Jensen et al. 2008) that extends the range to the southeast and is located ca. 8 km from the nearest record in Rabun County (GSU 4934).

LIODYTES RIGIDA (Glossy Crayfish Snake). CAMDEN CO.: 6.1 km SW White Oak (31.00098°N, 81.78305°W). 24 September 2015. Dirk J. Stevenson. GSU 25455. New county record filling a gap between Glynn and Charlton counties (Jensen et al. 2008). The nearest record is ca. 39 km to the north in Brantley County (GSU 3164).

JENKINS CO.: State Hwy 17, 4.5 km W of Millen (32.8088°N, 81.9957°W). 19 August 2018. Bronc Rice. GMNH 52001. New county record filling a range hiatus between Appling and Coffee counties (Jensen et al. 2008). The nearest record is ca. 22 km to the northwest in Appling County (GMNH 1280). New county record filling a gap between Emanuel and Screven counties (Jensen et al. 2008). The nearest record is ca. 21 km to the west in Emanuel County (LACM 66745).

LOWNDES CO.: Valdosta, Moody Air Force Base (30.94756°N 83.19496°W). 21 July 2017. Benjamin S. Stegenga and Jonathon Bolton. GSU 26380 (photo voucher). New county record and range extension of ca. 35 km northwest of the nearest record in Echols County (GSU 3157).

MASTICOPHIS FLAGELLUM (Coachwhip). ATKINSON CO.: State Hwy 135, 1.4 km S Willacoochee (31.32775°N, 83.04766°W). 24 July 2019. Dirk J. Stevenson and Chris Coppola. UF 190005 (photo voucher). New county record filling a gap between Coffee and Lanier counties (Jensen et al. 2008). The nearest record is ca. 12 km to the west-northwest in Berrien County (GMNH 50324; Stevenson et al. 2014).

JEFF DAVIS CO.: 2.6 km NE Denton (31.73328°N, 82.71888°W). 2 May 2015. Chris Adams. GSU 25460 (photo voucher). New county record filling a gap between Coffee and Wheeler counties (Jensen et al. 2008). The nearest record is ca. 1 km to the north in Telfair County (UF 178016).

MICRURUS FULVIUS (Harlequin Coralsnake). GLYNN.: 215 Mallery Street, St. Simon's Island, Georgia, 31522 (31.13566°N, 81.39618°W). 4 May 2016. Matt D. Moore. UF 177756 (photo voucher). Island record (Laerm et al. 2000). The nearest record is ca. 12 km to the northwest on the mainland in Glynn County (CHAS 228282).

JEFF DAVIS CO.: 7.9 km NE Hazlehurst (31.91658°N, 82.53169°W). 8 May 2018. Jamie Smith. GMNH 51882. New county record filling a range hiatus between Appling and Coffee counties (Jensen et al. 2008). The nearest record is ca. 22 km to the northwest in Appling County (GMNH 1280).

MONTGOMERY CO.: 3.7 km NE Ailey (32.20361°N, 82.53114°W). 15 February 2017. Brannon Knight. UF 179678 (photo voucher). New county record (Jensen et al. 2008) partly filling a range hiatus between records for Toombs County and Telfair County (GMNH 50106; Nazdrowicz and Watson 2009). The nearest record is ca. 11 km to the east in Toombs County (GSU 2911).

NERODIA ERYTHROGASTER (Plain-bellied Watersnake). COOK CO.: 9.8 km E Adel (31.12084°N, 83.32179°W). 21 June 2019. Tyler Brock and Dirk J. Stevenson. UF 190001 (photo voucher). New county record filling a range hiatus between Colquitt and

Lowndes counties (Jensen et al. 2008). The nearest record is ca. 22 km to the west-northwest in Colquitt County (GSU 6839).

NERODIA TAXISPILOTA (Brown Watersnake). BEN HILL Co.: 5.0 km SW Jacksonville (31.77526°N, 83.00810°W). 14 April 2017. Dirk Stevenson. UF 179683 (photo voucher). New county record partly filling a range hiatus between Telfair and Tift counties (Jensen et al. 2008). The nearest record is ca. 15 km to the east in Coffee County (GSU 17512; Stevenson et al. 2009).

BROOKS Co.: 7.8 km WSW Clyattville; Withlacoochee River (30.67563°N, 83.39474°W). 5 September 2017. Benjamin S. Stegenga and Jonathon Bolton. GSU 26376 (photo voucher). New county record filling a range hiatus between Lowndes and Thomas counties (Jensen et al. 2008). The nearest record is ca. 1 km to the east in Lowndes County (GSU 26377).

LANIER Co.: 11.2 km SSW Lakeland; Grand Bay Creek (30.95173°N, 83.13008°W). 30 March 2017. Benjamin S. Stegenga and Dirk J. Stevenson. UF 179677 (photo voucher). New county record filling a range hiatus between Echols and Lowndes counties (Jensen et al. 2008). The nearest record is ca. 29 km to the south-southeast in Echols County (GSU 24074).

LOWNDES Co.: 7.6 km WSW Clyattville; Withlacoochee River (30.67532°N, 83.39441°W). 5 September 2017. Benjamin S. Stegenga and Jonathon Bolton. GSU 26377 (photo voucher). New county record filling a range hiatus between Brooks and Echols counties (Jensen et al. 2008). The nearest record is ca. 1 km to the west in Brooks County (GSU 26376).

OPHEODRYS AESTIVUS (Rough Greensnake). BROOKS Co.: 5.6 km S Quitman (30.73902°N, 83.53567°W). 25 June 2019. Dirk J. Stevenson and Daniel Parker. UF 190004. New county record partly filling a range hiatus between Lowndes and Grady counties (Jensen et al. 2008). The nearest record is ca. 40 km to the east-northeast in Lowndes County (Stevenson et al. 2015; VSU 0059).

EVANS Co.: 1.5 km NNW Bellville (32.16408°N, 81.98190°W). 16 April 2016. Jacob Barrett. GSU 2547 (photo voucher). New county record (Jensen et al. 2008) filling a range hiatus between Tattnall (Butler et al. 2012) and Bulloch (UF 169451; Stevenson et al. 2014) counties. The nearest record is ca. 33 km to the south in Tattnall County (GSU 24484).

JEFF DAVIS Co.: 3.2 km NE Hazlehurst (31.89381°N, 82.61097°W). 30 May 2015. Tyler Lott. GSU 25464 (photo voucher). New county record (Jensen et al. 2008) filling a gap between records for Wheeler (Wyrwich et al. 2011) and Coffee counties (Jensen et al. 2008). The nearest record is ca. 22 km to the north-northwest in Wheeler County (GSU 18998).

JENKINS Co.: 4770 Brannen Road, Millen (32.7033°N, 82.0176°W). 18 September 2017. Cheri Rice. GMNH 51889). New county record filling a range hiatus between records for Burke (Jensen et al. 2008) and Screven counties (Stevenson et al. 2014). The nearest record is ca. 23 km to the west in Emanuel County (UF 43091).

LANIER Co.: 3.8 km SSW Stockton (30.90605°N, 83.00729°W). 7 April 2016. Dirk J. Stevenson. GSU 25477). New county record filling a range hiatus between Berrien and Clinch counties (Jensen et al. 2008). The nearest record is ca. 39 km to the northwest in Berrien County (USNM 10710).

MONTGOMERY Co.: 4.1 km NE Ailey (32.20225°N, 82.52720°W). 24 March 2016. Jacob Barrett. GSU 25476). New county record (Jensen et al. 2008) partly filling a gap between records for Wheeler (Wyrwich et al. 2011) and Tattnall counties (GSU 24484;

Butler et al. 2012). The nearest record is ca. 30 km to the southeast in Wheeler County (GSU 18998).

PIERCE Co.: 10.9 km SSE Blackshear (31.22730°N, 82.17402°W). 6 November 2014. Dirk J. Stevenson. GSU 25438). New county record filling a range hiatus between Wayne County and Clinch County (Jensen et al. 2008). The nearest record is ca. 16 km to the east-southeast in Brantley County (GMNH 50285; Stevenson et al. 2015).

STEPHENS Co.: 5.8 km SSE Toccoa (34.53448°N, 83.29708°W). 28 August 2017. Tyler Brock. GMNH 5188). New county record filling a range hiatus between Rabun and Banks counties (Jensen et al. 2008). The nearest record (UF 168560) is ca. 31 km to the south-southwest in Banks County (Pierson et al. 2012).

PANTHEROPHIS ALLEGHANIENSIS (Eastern Ratsnake). BROOKS Co.: 21.9 km SSE Quitman (30.64102°N, 83.40225°W). 3 September 2017. Benjamin S. Stegenga and Jonathon Bolton. GSU (photo voucher). This new county record (Jensen et al. 2008) fills a distributional gap between Lowndes and Thomas counties, Georgia, and is located ca. 12 km northwest of the nearest record in neighboring Madison County, Florida (UF 113406).

ROCKDALE Co.: 3.8 km E Conyers (33.66925°N, 83.97756°W). 16 June 2018. Savannah McGuire. GMNH 51913 (photo voucher). This new county record (Jensen et al. 2008) fills a small distributional gap and is ca. 23 km northeast of the nearest record in adjoining Henry County (USNM 472725).

PANTHEROPHIS GUTTATUS (Red Cornsnake). PIERCE Co.: 5.6 km NNW Offerman (31.45550°N, 82.13213°W). 15 May 2015. Steve Hudson. GSU 25481 (photo voucher). New county record filling a gap between Ware and Wayne counties (Jensen et al. 2008). The nearest record is ca. 32 km to the north-northeast in Wayne County (UF 161248).

PITUOPHIS MELANOLEUCUS (Eastern Pinesnake). LANIER Co.: 2.1 km NNE Lakeland (31.06017°N, 83.07092°W). 29 June 2014. Kelsie Kincaid. GMNH 50983). New county record filling a gap between Berrien and Clinch counties, with the nearest record located ca. 36 km to the north-northwest in Berrien County (Jensen et al. 2008).

REGINA SEPTEMVITTATA (Queen Snake). COLUMBIA Co.: 4.9 km NE Martinez (33.54301°N, 82.03275°W). 30 September 2015. Cary Howe. GMNH 52115 (photo voucher). New county record partly filling hiatus between Richmond and Washington counties (Jensen et al. 2008). The nearest record is ca. 41 km to the south-southwest in Jefferson County (GSU 3185).

SISTRURUS MILLIARIUS (Pygmy Rattlesnake). PIERCE Co.: 5.6 km NNW Offerman (31.45550°N, 82.13213°W). 15 September 2015. Steve Hudson. GSU 25480 (photo voucher). New county record filling a gap between Ware and Wayne counties (Jensen et al. 2008). The nearest record is ca. 32 km to the southeast in Brantley County (GSU 3015).

STORERIA DEKAYI (Brown Snake). MCINTOSH Co.: 12.0 km NW Darien, Altamaha Wildlife Management Area (31.44059°N, 81.53118°W). 14 January 2020. Dirk J. Stevenson. GSU 26423). New county record filling a gap between Liberty and Glynn counties. The nearest record is ca. 33 km to the southwest in Glynn County (GSU 3386). A record mapped for McIntosh County (in Jensen et al. 2008) was based on a specimen from Blackbeard Island,

reported by Laerm et al. (2000), that was later determined not to exist (Shoop and Ruckdeschel 2003).

WAYNE CO.: 7.6 km NNE Jesup (31.66663°N, 81.84624°W). 27 March 2020. Dirk J. Stevenson. UF 190974 (photo voucher). New county record filling a gap between Appling and Glynn counties (Jensen et al. 2008). The nearest record is ca. 31 km to the north-northwest in Tattnall County (UF 168708; Stevenson et al. 2014).

STORERIA OCCIPITOMACULATA (Red-bellied Snake). JOHNSON CO.: 9.2 km S Wrightsville (32.64615°N, 82.71790°W). Joseph Sumner. 12 September 2015. GSU 25465 (photo voucher). A new county record (Jensen et al. 2008) that partially fills a distributional gap between Washington and Emanuel counties, located ca. 16 km west-northwest of nearest record in Emanuel County (CHAS 3475).

LONG CO.: 6.7 km SSE Ludowici, Townsend Wildlife Management Area (31.64806°N, 81.73236°W). Matt D. Moore. 30 December 2015. UF 177239 (photo voucher). A new county record (Jensen et al. 2008) that fills a small distributional hiatus between Tattnall and McIntosh counties located ca. 25.5 km west-northwest of record in neighboring McIntosh County (GSU 3409).

MONTGOMERY CO.: 4.1 km NE Ailey (32.20349°N, 82.52592°W). 24 March 2016. Jacob Barrett. GSU 25479 (photo voucher). This new county record (Jensen et al. 2008) fills a gap between records in neighboring Toombs and Wheeler counties and is located ca. 19.3 km SW of the nearest record in Toombs County (GSU 3472).

TAYLOR CO.: 15.3 km W Butler, Fall Line Sandhills Wildlife Management Area (32.55982°N, 84.40121°W). 2 March 2019. Jacob Barrett. GMNH 51892. A new county record (Jensen et al. 2008) that partially fills a distributional hiatus between Marion and Bleckley counties and is located ca. 34 km southeast of nearest record in Upson County (GMNH 17173).

WALTON CO.: 2.2 km SE Jersey (33.70793°N, 83.77652°N). 16 March 2017. Savannah McGuire. GMNH 51934. A new county record (Jensen et al. 2008) that fills a gap between Oconee and Rockdale counties, ca. 13 km northeast of the nearest record in adjacent Newton County (UF 29591).

THAMNOPHIS SAURITA (Eastern Ribbonsnake). PULASKI CO.: 4.7 km E Hartford, Bembry Lake Dam (32.27635°N, 83.40071°W). 19 April 2016. Carlos D. Camp. GMNH 51056. First voucher-supported record from county. New county record (Jensen et al. 2008) that partially fills a distributional hiatus between Ben Hill and Houston counties, ca. 53 km east-northeast of nearest record in adjacent Dooly County (GSU 3808).

THAMNOPHIS SIRTALIS (Common Gartersnake). GLASCOCK CO.: Hardin Road (33.23587°N, 82.53634°W). 23 June 2018. Savannah McGuire. GMNH 51912. This new county record (Jensen et al. 2008) partially fills a gap between Jefferson and Washington counties and is located ca. 6 km west of the nearest record in Jefferson County (CHAS 15935).

TOOMBS CO.: 6.6 km SW Cedar Crossing (31.98500°N, 82.45851°W). 27 October 2014. Dirk J. Stevenson. GSU 25439. A new county record (Jensen et al. 2008) that partially fills a gap between Emanuel and Appling counties, ca. 6 km northeast of the nearest record in Jeff Davis County (GSU 3945).

VIRGINIA VALERIAE (Smooth Earthsnake). DODGE CO.: 1522 College Street, Eastman (32.17970°N, 83.16563°W). 2 March 2015. Dirk J. Stevenson and Jacob Barrett. GSU 25436 (photo voucher).

New county record (Jensen et al. 2008) that partially fills a significant distributional hiatus, ca. 56 km north of the nearest record in Irwin County (GMNH 682).

JENKINS CO.: Sonny Allen Road, 16 km WSW Millen (32.77886°N, 82.11762°W). 3 May 2020. Bailey Pendergast. GSU 26426 (photo voucher). New county record (Jensen et al. 2008) that partly fills a range gap between Richmond County and a recent record for Bulloch County (GSU 26317; Cox and Cox 2019) that is located ca. 47 km to the southeast.

MONTGOMERY CO.: 2.2 km WNW of McGregor (32.20221°N, 82.52715°W). 11 April 2019. Jacob Wilson. GMNH 51977 (photo voucher). This new county record (Jensen et al. 2008) that partially fills a large range hiatus and is located ca. 88 km northwest of the nearest record in Wayne County (GSU 4362).

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New Distributional Records from Mixtlán, an Undersampled Municipality in Jalisco, Mexico

Accurate and up to date records of geographic distribution contribute to our understanding of conservation and biogeography. Due to political, economic, and geographic factors, many Mexican municipalities remain poorly sampled with regard to reptiles and amphibians. Herein, we report 22 new distribution records from the undersampled municipality of Mixtlán, Jalisco. Mixtlán is an isolated and sparsely populated municipality located at the northernmost end of the Sierra Madre del Sur, also known as the Sierras Jaliscienses physiographic region in Cruz-Sáenz et al. (2017). We conducted a comprehensive literature review of research related to reptile and amphibian distributions within Jalisco; however, this search yielded no verifiable records from Mixtlán specifically. Using the Global Biodiversity Information Facility (www.gbif.org), we conducted a thorough search of herpetological records and specimens in 43 databases and museums. Our search yielded only two museum-vouchered and locality-specific published historical records from Mixtlán. Both records (University of Michigan Museum of Zoology [UMMZ] 139384 and Museum of

Comparative Zoology, Harvard University [MCZ] R-167255) are over 60 years old and not identified to the species level.

From 15–22 June 2019, we surveyed for reptiles and amphibians in the area surrounding the village Agua Zarca, located in the northern portion of Mixtlán. All 22 species reported herein have never been verifiably recorded within Mixtlán. We deposited photographic vouchers in the San Diego Natural History Museum (SDSNH). All individuals were observed by Spencer Williams and Jose Angel Arce. Locality information was obtained using a Pixel 2 XL handled GPS (WGS 84).

CAUDATA — SALAMANDERS

AMBYSTOMA FLAVIPIPERATUM (Yellow-peppered Salamander). 1.2 km NW Agua Zarca (20.65034°N, 104.57273°W), 1759 m elev. 16 June 2019. Verified by Axel Hernandez and Ruth Percino-Daniel. SDSNH HerpPC 05395 (photo voucher). This voucher represents the third confirmed locality for the species, located 104 km NW from the type locality and 70 km NW from the Sierra de Quila (Dixon 1963; Hernandez et al. 2019). Due to a lack of obvious sexual features, we could not accurately assess whether the individual is a large larva or neotenic. The salamander was found swimming above leaf litter and decomposing debris at the bottom of a stream running through pine-oak forest. The stream was clear and slow-moving at the time the specimen was found; however, it became turbid and fast-moving following an afternoon storm.

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