

New County Records of Amphibians and Reptiles from the Northern Coastal Plain of South Carolina, USA

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The southern Atlantic Coastal Plain of North America is known for having a very high species richness of herpetofauna with approximately 100 native species (Conant and Collins 1991). A single study, at only one location, in the northern South Carolina Coastal Plain yielded 72 species of amphibians and reptiles (Leiden et al. 1999). As part of a larger project on the reptiles of the state of South Carolina, documentation of the fauna of this relatively poorly studied part of the state has been undertaken. Previous locality records for this region have been published by Broach and McMahan (2009), Camper (2001), Camper and Knowles (2007), Camper and Brooks (2005) and Camper and Cloninger (2005).

All specimens represent new county records. All specimens have been deposited in the Charleston Museum (CA, CR) or the Vertebrate Collection of the Campbell Museum of Natural History at Clemson University (CUSC). All specimens deposited in the Charleston Museum were verified by A. Sanders and those in the Clemson collection by S. Miller. Nomenclature and common names follow Crother (2008). Unless stated otherwise, all specimens were collected by the author. Locality coordinates are in decimal degrees in WGS 84.

Caudata – Salamanders

Siren lacertina (Greater Siren). DARLINGTON Co.: Back Swamp, Pee Dee Research and Education Center, 7 km N Florence. 19 October 1999. CA 4545. Caught in a funnel trap in permanent water at the edge of a swamp. FLORENCE Co.: Lynches River County Park, 11 km S Florence. 3 October 2008. CUSC 2611. Caught in a funnel trap in a flooded ditch in hardwood forest.

Anura – Frogs

Acris gryllus (Southern Cricket Frog). FLORENCE Co.: Woods Bay State Natural Area, 4 km W Olanta. CA 4561. One specimen taken along the edge of an artificial pond. WILLIAMSBURG Co.: Wee Tee State Forest, NW end of Wee Tee Lake, 12.5 km E St. Stephen. 29 March 2008. CUSC 2595.

Hyla gratiosa (Barking Treefrog). FLORENCE Co.: Lynches River County Park, 11 km S Florence. 11 September 2008. Caught in a funnel trap along a drift fence in pine barrens habitat. CUSC 2608

Pseudacris crucifer (Spring Peeper). DARLINGTON Co.: Pee Dee Research and Education Center, 7 km N Florence. 12 May 1999. CA 4553.

Testudines – Turtles

Apalone spinifera aspera (Gulf Coast Spiny Softshell).

CHESTERFIELD Co.: Sand Hills State Forest, Woodduck Pond, 11 km SE Patrick. 29 October 2006. CR 2777. B. T. Camper and J. D. Camper. Ten ribs and four vertebrae found on the pond dam.

Chelydra serpentina serpentina (Eastern Snapping Turtle). DARLINGTON Co.: Pee Dee Research and Education Center, 7 km N Florence. 21 June 1999. CR 2713. MARLBORO Co.: Blenheim (34.40158°N, 79.64535°W). CR 2818. R. J. Brooks, J. E. Krebs, and J. D. Camper.

Clemmys guttata (Spotted Turtle). MARLBORO Co.: Blenheim, AOR on Highway 38. 18 April 2004. CR 2807. R. J. Brooks.

Kinosternon subrubrum subrubrum (Eastern Mud Turtle). MARLBORO Co.: Bennettsville, AOR on Lightwood Road. 18 April 2004. CR 2809. R. J. Brooks.

Pseudemys concinna (River Cooter). CLARENDON Co.: Woods Bay State Natural Area, 4 km W Olanta (33.947617° N, 79.978314° W). CUSC 2603. M. Nordgren. DARLINGTON Co.: Pee Dee Research and Education Center, 7 km N Florence. 30 March 2000. CR 2712. FLORENCE Co.: Florence. CR 2711. New county record.

Sternotherus odoratus (Eastern Musk Turtle). WILLIAMSBURG Co.: Wee Tee State Forest, NW end of Wee Tee Lake, 12.5 km E St. Stephen. 29 March 2008. CUSC 2599.

Terrapene carolina carolina (Eastern Box Turtle). MARLBORO Co.: DOR on County Road 312 4 km NE junction with US Highway 1. CR 2775.

Trachemys scripta scripta (Yellow-bellied Slider). MARLBORO Co.: Bennettsville DOR on County Road 47 at Wallace Lake. 23 July 2004. CR 2819. R. J. Brooks, J. E. Krebs, and J. D. Camper. WILLIAMSBURG Co.: CR 2808. 33.685921°N, 79.853636° W. C. W. Morris.

Squamata – Lizards

Anolis carolinensis (Green Anole). FLORENCE Co.: Lynches River County Park, 11 km S Florence. 16 October 2008. CUSC 2612. LANCASTER Co.: Forty-Acre Rock Heritage Preserve, 21 km ESE Lancaster. 9 November 2008. CUSC 2628. B. T. Camper and J. D. Camper.

Aspidoscelis sexlineata sexlineata (Eastern Six-lined Racerunner). CLARENDON Co.: Woods Bay State Natural Area, 4 km W Olanta. CR 2763. New county record. G. Haught. One individual collected on the south sand rim of the bay. MARLBORO Co.: 1 km E Fulton. 6 July 2000. CR 2702.

Ophisaurus ventralis (Eastern Glass Lizard). MARLBORO Co.: Blenheim (34.40793° W, 79.54321° W). CR 2817. R. J. Brooks.

Plestiodon fasciatus (Common Five-lined Skink). CLARENDON Co.: Woods Bay State Natural Area, 4 km W Olanta. 18 March 2000. CR 2719. One individual collected on the south sand rim of the bay.

Plestiodon inexpectatus (Southeastern Five-lined Skink). DILLON Co.: Little Pee Dee State Park Bay Heritage Preserve. 3 April 2004. CR 2822. Two specimens collected along the south sand rim of the bay. FLORENCE Co.: Lynches River County Park, 11 km

S Florence. 11 September 2008. CUSC 2609.

Plestiodon laticeps (Broad-headed Skink). MARLBORO Co.: Bennettsville, 4554 Lightwood Road. 18 April 2004. CR 2820. R. J. Brooks.

Sceloporus undulatus (Eastern Fence Lizard). CLARENDON Co.: Woods Bay State Natural Area, 4 km W Olanta. 18 March 2000. CR 2715. One individual collected on the south sand rim of the bay.

Scincella lateralis (Little Brown Skink). LANCASTER Co.: Forty-Acre Rock Heritage Preserve, 21 km ESE Lancaster. 9 November 2008. CUSC 2630. B. T. Camper and J. D. Camper.

Squamata – Snakes

Agkistrodon contortrix (Copperhead). MARLBORO Co.: Blenheim, DOR on Highway 38. 16 April 2004. CR 2803. R. J. Brooks. WILLIAMSBURG Co.: 33.547349°N, 79.760276°W. 28 May 2004. CR 2826. C. W. Morris.

Agkistrodon piscivorus piscivorus (Eastern Cottonmouth). MARLBORO Co.: Blenheim (34.38842° N, 79.64011° W). 13 August 2004. CR 2815. R. J. Brooks.

Carphophis amoenus amoenus (Eastern Wormsnake). CHESTERFIELD Co.: Sand Hills State Forest, 2.8 km W Patrick. 26 June 1997. CR 2397. DARLINGTON Co.: Great Pee Dee River Heritage Preserve, 19.6 km NNE Florence. 25 March 2000. CR 2706. MARLBORO Co.: Bennettsville. 17 April 2004. CR 2825. R. J. Brooks.

Coluber constrictor (North American Racer). WILLIAMSBURG Co.: DOR on Highway 512 9 km E of 34.78366°N, 79.76848°W. 1 July 2003. CR 2773.

Coluber flagellum flagellum (Eastern Coachwhip). MARLBORO Co.: DOR on Highway 177, 4.8 km S North Carolina State Line. 6 July 2000. CR 2776.

Crotalus horridus (Timber Rattlesnake). MARION Co.: 1 km N Britton's Neck, DOR on Highway 908. 9 October 1996. CR 2652. First voucher specimen for Marion County. MARLBORO Co.: 5.7 km SSE Blenheim. 8 September 1999. CR 2708. WILLIAMSBURG Co.: DOR on Highway 521 (33.549845°N, 79.759195°W). 15 May 2004. CR 2828. C. W. Morris

Diadophis punctatus punctatus (Southern Ring-necked Snake). DARLINGTON Co.: Pee Dee Research and Education Center, 7 km N Florence. 30 March 2000. CR 2710. MARLBORO Co.: Bennettsville. 17 April 2004. CR 2824. R. J. Brooks.

Farancia erythrogramma (Rainbow Snake). FLORENCE Co.: Lynches River County Park, 11 km S Florence. 2 April 2008. CUSC 2606. P. Johnson. DOR on County Park Road at park entrance gate.

Nerodia erythrogaster erythrogaster (Red-bellied Watersnake). MARLBORO Co.: DOR on Highway 38, 6.6 km S Bennettsville. 6 July 2000. CR 2704. WILLIAMSBURG Co.: Wee Tee State Forest, NW end of Wee Tee Lake, 12.5 km E St. Stephen. 1 April 2006. CR 2796.

Nerodia fasciata fasciata (Banded Watersnake). DARLINGTON Co.: Pee Dee Research and Education Center, 7 km N Florence. 28 August 1998. CR 2672.

Nerodia taxispilota (Brown Watersnake). DARLINGTON Co. Pee Dee Research and Education Center, 7 km N Florence. 1 October 1999. CR 2705. MARLBORO Co.: Blenheim, DOR on Highway 38. 16 April 2004. CR 2802. R. J. Brooks.

Ophedrys aestivus aestivus (Northern Rough Greensnake). DARLINGTON Co.: Lauther's Lake, 13.3 km NE Florence. 29 March 2006. CR 2792. WILLIAMSBURG Co.: DOR on Highway 512 15 km E of 34.78366°N, 79.76848°W. 1 July 2003. CR 2771.

Pantherophis guttatus (Red Cornsnake). MARLBORO Co.: Wallace, DOR on County Road 165. 18 April 2004. CR 2801. R. J. Brooks.

Pantherophis alleghaniensis (Eastern Ratsnake). WILLIAMSBURG Co.: 33.69558°N, 79.847886°W. June 2004. CR 2806. C. W. Morris.

Tantilla coronata (Southeastern Crowned Snake). FLORENCE Co.: Lynches River County Park, 11 km S Florence. 20 April 2000. CR 2707.

Thamnophis sauritis sauritis (Common Ribbonsnake). WILLIAMSBURG Co.: Wee Tee State Forest, NW end of Wee Tee Lake, 12.5 km E St. Stephen. 1 April 2006. CR 2793.

Virginia valeriae valeriae (Eastern Smooth Earthsnake). DARLINGTON Co.: Dargan Farm, 3.2 km N junction County Roads 173 and 35. 22 October 2001. CR 2769. D. Daniel.

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