

## New Distribution Records for Reptiles and Amphibians from the Charlotte-Metropolitan Area of the Western Piedmont of North Carolina

**EVAN A. ESKEW**

*Department of Biology, Davidson College  
Davidson, North Carolina 28035-7118, USA  
e-mail: eveskew@ davidson.edu*

**STEVEN J. PRICE**

*Department of Biology, Wake Forest University  
Winston-Salem, North Carolina 27109, USA  
and  
Department of Biology, Davidson College  
Davidson, North Carolina 28035-7118, USA  
e-mail: sjprice@ davidson.edu*

**MICHAEL E. DORCAS**

*Department of Biology, Davidson College  
Davidson, North Carolina 28035-7118, USA  
e-mail: midorcas@ davidson.edu*

Knowledge of reptile and amphibian distribution patterns is essential for the development of effective conservation strategies (Tuberville et al. 2005), especially in regions that are becoming increasingly urbanized. Here we report new county records of reptiles and amphibians from the rapidly growing Charlotte-metropolitan area in the western Piedmont of North Carolina. The following records were collected from 2003 to 2007 by members of the Davidson College Herpetology Laboratory. All coordinates listed use NAD83/WGS84 datum and were recorded using a Garmin® hand-held geographic positioning system or online mapping software ([www.carolinaherpatlas.org/utmfinder/](http://www.carolinaherpatlas.org/utmfinder/)). New distribution records were verified by Jeffrey C. Beane and/or Alvin L. Braswell at the North Carolina State Museum of Natural Sciences (NCSM) and were based on Palmer and Braswell (1995) or Braswell (1996). All specimens or photo vouchers are housed at NCSM.

### Caudata– Salamanders

*Eurycea guttolineata* (Three-lined Salamander). LINCOLN Co.: 0.8 km ENE of intersection of Woodcock trail and Killian Farm Rd (35.4143°N, 80.9676°W). 03 May 2007. Steven J. Price and Kristen K. Cecala. NCSM 73513. New county record.

*Gyrinophilus porphyriticus* (Spring Salamander). MECKLENBURG Co.: Stephen's Road Nature Preserve, ca. 1.5 km SW of intersection of Stephen's Rd and Beaties Ford Rd (35.4013°N, 80.9448°W). 18 April 2007. Steven J. Price. NCSM 73512. New county record.

*Pseudotriton ruber* (Red Salamander). IREDELL Co.: Davidson College Ecological Preserve, ca. 1.0 km E of intersection of Dunmurry Rd and State Hwy 115 (35.5104°N, 80.8278°W). 1 May 2004. Yurii V. Kornilev and William J. Johnson. NCSM photo DC-308. New county record.

### Anura – Frogs

*Hyla cinerea* (Green Treefrog). CABARRUS Co.: 0.9 km NW of intersection of Cox Mill Rd and Christenbury Rd (35.3853°N,

80.7372°W). 02 November 2005. Steven J. Price and Yurii V. Kornilev. NCSM 72672. New county record.

#### Testudines – Turtles

*Chelydra serpentina* (Snapping Turtle). IREDELL Co.: Five Mile Branch Stream Restoration Site, 0.3 km SSE of intersection of River Hill Rd and Swann Rd (35.4143°N, 80.9676°W). 23 February 2007. Leigh Anne Harden and Wesley M. Anderson. NCSM photo DC-305. Observation reported by Palmer and Braswell (1995). First photo voucher from county.

*Chrysemys picta* (Painted Turtle). IREDELL Co.: Five Mile Branch Stream Restoration Site, ca. 1.0 km ESE of intersection of River Hill Rd and Swann Rd (35.8462°N, 80.7680°W). 2 July 2007. Leigh Anne Harden and Steven J. Price. NCSM photo DC-306. New county record.

*Kinosternon subrubrum* (Eastern Mud Turtle). IREDELL Co.: ca. 0.7 km NE of intersection of Midway Lake Rd and Beracah Place (35.5294°N, 80.8210°W). 24 April 2006. Shannon E. Pittman. NCSM 72703. Observation reported by Palmer and Braswell (1995). First specimen from county.

*Sternotherus odoratus* (Eastern Musk Turtle). CABARRUS Co.: 0.3 km NE of intersection of Blackwelder Rd and Roberta Rd (35.3506°N, 80.6324°W). 8 July 2005. Elisabeth L. Failey. NCSM 72705. New county record.

#### Squamata – Snakes

*Lampropeltis getula* (Common Kingsnake). CABARRUS Co.: Morrison Rd, 0.3 km E of intersection with Pioneer Mill Rd (35.2612°N, 80.5870°W). 24 April 2006. Steven J. Price and Kristen K. Cecala. NCSM 72677. Observation reported by Palmer and Braswell (1995). First specimen from county.

*Storeria dekayi* (Dekay's Brownsnake). IREDELL Co.: Five Mile Branch Stream Restoration Site, ca. 2.0 km ESE of intersection of River Hill Rd and Swann Rd (35.8510°N, 80.7535°W). 29 October 2006. Leigh Anne Harden and Wesley M. Anderson. NCSM photo DC-307. Observation reported by Palmer and Braswell (1995). First photo voucher from county.

*Storeria occipitomaculata* (Red-bellied Snake). IREDELL Co.: Davidson College Ecological Preserve, ca. 1.0 km ENE of intersection of Dunmurry Rd and State Hwy 115 (35.5097°N, 80.8305°W). 30 April 2003. Kristine L. Grayson. NCSM 73525. Observation reported by Palmer and Braswell (1995). First specimen from county.

#### LITERATURE CITED

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