GEOGRAPHIC DISTRIBUTION

Instructions for contributors to Geographic Distribution appear in Volume 31, Number 1 (March, 2000).

GYMNOPHIONA

AULURA ANOMALA. BRAZIL: CEARÁ: Chapada da Ibiapaba, Municipality of Ubajara, Fazenda Buriti (03°50'S, 40°56'W, 820 m elev.). 29 November 1997. D. M. Borges-Nojosa. Universidade Federal do Ceará (UFC L2019); Municipality of São Benedito, Inhuçu (04°07'S, 40°50'W, 820m elev.). 9 October 1997. D. M. Borges-Nojosa. (UFC L2002). Verified by P. E. Vanzolini. First state record; from rainforest enclaves in the semiarid Caatingas of northeastern Brazil; extends eastern range ca. 510 km airline. Previously known from northern Brazil in states of Pará and Maranhão (Gans 1971, Am. Mus. Nov. 2475:1–32; Peters and Donoso-Barros 1970, Bull. U.S. Nat. Mus. 297:77).

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CAUDATA

AMPHIUMA MEANS (Two-toed Amphiuma). USA: FLORIDA: HENDRY Co: Caloosahatchee River at LaBelle. 16 January 1995. L. Nico, W. Smith-Vaniz, and R. H. Robins. Verified by M. A. Nickerson. UF 119837. New county record.

Submitted by ROBERT H. ROBINS (e-mail: rhrobins@flmnh.ufl.edu), KENNETH L. KRYSKO (e-mail: kenneyk@flmnh.ufl.edu), and SOPHIA L. FELICIANO (e-mail: sophiaf@ufl.edu), Florida Museum of Natural History, University of Florida, Gainesville, Florida 32611, USA.

HEMIDACTYLIUM SCUTATUM (Four-toed Salamander). USA: MINNESOTA: AITKIN Co: Savanna Portage State Park (46°50'N, 93°10'W). 11 May 1999. Gary S. Casper. JFBM 14159. CARLTON Co: Nemadji State Forest, (46°25'N, 92°20'W). 4 May 1999. Gary S. Casper. JFBM 14161. MILLE LACS Co: Mille Lacs Kathio State Park (46°07'N, 93°42'W). 11 May 1999. Jeff LeClere. JFBM 14194. PINE Co: St. Croix State Forest (46°05'N, 92°28'W). 5 May 1999. Gary S. Casper. JFBM 14160. Specimens consist of females collected at nest sites, typically attending 20-30 eggs. Nests were often located in sphagnum hummocks at bases of alder (Alnus sp.) shrubs in shallow wetlands. Surrounding forests consisted of mixed hardwoods (Acer sp., Betula sp., Populus sp., and Quercus sp.). All specimens were verified by Tony Gamble and deposited at the James Ford Bell Museum of Natural History, University of Minnesota (JFBM). These specimens represent new county records and are the first records since the initial documentation of Hemidactylium in Minnesota (Dorff 1995, Herpetol. Rev. 26:150). The Minnesota records now represent the most northwestern distribution limits for this species, and are apparently not significantly

disjunct from Wisconsin populations (Casper 1996, Geographic Distributions of the Amphibians and Reptiles of Wisconsin. Publ. Milwaukee Public Mus., Milwaukee, Wisconsin. 87 pp.).

Submitted by **CAROL D. HALL**, Minnesota County Biological Survey, MinnesotaDepartment of Natural Resources, 500 Lafayette Road, St. Paul, Minnesota 55155, USA (e-mail: carol.hall@dnr.state.mn.us), **GARY S. CASPER**, Milwaukee Public Museum, 800 West Wells Street, Milwaukee, Wisconson 53233, USA, and **JEFF LECLERE**, 878 Galtier Street, St. Paul, Minnesota 55117, USA.

NOTOPHTHALMUS VIRIDESCENS (Eastern Newt). USA: TENNESSEE: JACKSON Co: Dodson Branch, NE of Hidden Springs Nursery on Spring Creek Road at the base of Hardscrabble Falls (36°19'20"N, 85°30'42"W). 9 October 1999. Laura Leininger. Austin Peay State University Museum of Zoology (APSU 5282 [color slide]). Verified by A. Floyd Scott. Two efts captured along the bank of Dodson Branch Stream just below the falls; photographed and released. New county record (Redmond and Scott 1996, Austin Peay St. Univ. Misc. Publ. 12:1–94).

Submitted by LAURA LEININGER and PRIYA NANJAPPA, Muncie Center for Medical Education, Ball State University, Muncie, Indiana 47306, USA.

TARICHA TOROSA (California Newt). USA: CALIFORNIA: SAN JOAQUIN Co: juvenile collected during an evening rain on Corral Hollow Road, 1.6 km E Alameda–San Joaquin county line. 13 February 2000. Ed Ely. CAS 211556; adult collected two days after last rain 4.8 km E county line. 15 February 2000. Daniel Buchholz and Ali Stuart. MVZ 230468. Verified by Jens Vindum and David Wake, respectively. Tissue samples for genetic analysis were deposited at the respective institutions. New county records.

Submitted by **DANIEL BUCHHOLZ**, Museum of Vertebrate Zoology, University of California, Berkeley, California 94720, USA, and **ED ELY**, Department of Herpetology, California Academy of Sciences, San Francisco, California 94118, USA.

ANURA

APARASPHENODON BRUNOI. BRAZIL: BAHIA: Una (15°18'S, 39°05'W), Estação Experimental Lemos Maia (CEPLAC/ESMAI). 17 November 1990. A. J. S. Argôlo, R. Nunes, and M. de Menezes. Coleção Zoológica Gregório Bondar of the Centro de Pesquisas do Cacau, Ilhéus, Bahia (CZGB 928–29). Verified by José Perez Pombal, Jr. One specimen was found at night in the cavity of a tree trunk near a pond. Species was previously known from the states of São Paulo, Rio de Janeiro, Minas Gerais, and Espírito Santo, the latter its northermost record (Frost 1985, Amphibian Species of the World. Allen Press, Lawrence, Kansas. 732 pp.). First record from northeastern Brazil; confirms the occurence of the species in the state of Bahia, as speculated by Sazima and Cardoso (1980, Iheringia Sér. Zool. 55:3–7).

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