

# GEOGRAPHIC DISTRIBUTION

## GYMNOPHIONA — CAECILIANS

**ICHTHYOPHIS MOUSTAKIUS (Manipur Moustached Caecilian).** INDIA: ASSAM: GUWAHATI METROPOLITAN DISTRICT: Basistha (26.0839°N, 91.7729°E; WGS 84), 194 m elev. 23 May 2014. Jayaditya Purkayastha. Verified by Saibal Sengupta. Lee Kong Chian Natural History Museum, National University of Singapore (ZRC[IMG] 1.115; photo voucher). Specimen (303 cm total length) found in puddle of water, within forest near stream. This species is previously known from Tamelong District, Manipur (Kame et al. 2009. *Zootaxa* 2267:26–42). This individual is the first record for Assam State and an extension of range by 220 km to northwest.

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## CAUDATA — SALAMANDERS

**AMBYSTOMA ANNULATUM (Ringed Salamander).** USA: ARKANSAS: CARROLL CO.: 13 km NE Berryville (36.47823°N, 93.52473°W; WGS 84). 6 May 2017. M. B. Connior and K. Roberts. Verified by S. E. Trauth. Arkansas State University Museum of Zoology (ASUMZ 33737; photo voucher). This adult is a new county record partially filling a distributional gap between previous records in Benton, Boone, and Madison counties in northern Arkansas (Trauth et al. 2004. *The Amphibians and Reptiles of Arkansas*. University of Arkansas Press, Fayetteville, Arkansas. 421 pp.). The closest vouchered record is ca. 31 km southwest from near Forum, Madison County (Sam Noble Oklahoma Museum of Natural History, University of Oklahoma [OMNH] 38188).

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**NOTOPHTHALMUS VIRIDESCENS (Eastern Newt).** USA: ALABAMA: COLBERT CO.: lot off Gilbert Lane near Cherokee, Alabama in a dry creek bed of Mill Creek (34.78937°N, 88.00120°W; WGS 84). 23 October 2016. Ben Wilson. Verified by David Laurencio. Auburn University Museum of Natural History (AUM AHAP-D 1307; photo voucher). New county record (Mount 1975. *The Reptiles and Amphibians of Alabama*. Auburn University Agricultural Experiment Station, Auburn, Alabama. 347 pp.). This record fills a gap within the Eastern Highland Rim section of the Interior Plateau ecoregion and lies ca. 27 km to the west of the nearest published location in southern Lauderdale County (Mount 1975, *op. cit.*). A search of VertNet for unpublished museum specimens yielded no results. No previously published records were discovered using *Zoological Record*.

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**NOTOPHTHALMUS VIRIDESCENS (Eastern Newt).** USA: WISCONSIN: RUSK CO.: Thornapple Township (45.413475°N, 91.232434°W; WGS 84). 18 June 2017. Rian L. Engelhardt. Verified by Joshua M. Kapfer. Milwaukee Public Museum (MPM VZP879; photo voucher). New county record that fills a gap in the species' documented range in northern Wisconsin (Casper 1996. *Geographic Distributions of the Amphibians and Reptiles of Wisconsin*. Milwaukee Publ. Mus., Milwaukee, Wisconsin. 87 pp.). A single terrestrial juvenile observed crossing the front sidewalk of a rural residential building. Surrounding habitat consisted of mature northern mesic forest with multiple ephemeral and perennial pothole wetlands. Wetland types consist of shallow marsh, wet meadow and hardwood swamp. This observation is ca. 30 km to the northeast of nearby county record in adjacent Chippewa County (Casper 1997. *Herpetol. Rev.* 28:214–216) and ca. 70 km to the southwest of a record in adjacent Sawyer County (Wild 2013. *Herpetol. Rev.* 44:269).

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## ANURA — FROGS

**AGALYCHNIS SPURRELLI (Gliding Leaf Frog).** COSTA RICA: PUNTARENAS: COTO BRUS: Estación Biológica Las Cruces (8.785396°N, 82.960104°W; WGS 84), 1199 m elev. 3 September 2014. John David Curlis and D. Cristina Macklem. Verified by Lance McBrayer. Savannah Science Museum Herpetology Collection, Georgia Southern University (GSU 25591; photo voucher). This is the first confirmed record in Coto Brus, representing a ca. 52 km range extension east from the closest known record near the Reserva Forestal Golfo Dulce in the Osa Canton of Puntarenas Province (Savage 2002. *The Amphibians and Reptiles of Costa Rica: A Herpetofauna between Two Continents, between Two Seas*. University of Chicago Press, Chicago, Illinois. 934 pp.). This locality also represents the highest recorded elevation within the geographic range of this species, as it was previously not recorded above 885 m (Ortega-Andrade 2008. *Pap. Avul. Zool.* 48:103–117). We do note, however, that this population could have been introduced through the import of plants to the Wilson Botanical Garden of Estación Biológica Las Cruces. The photographed frog was heard calling at night in a low tree near a temporally shallow retention pond; however, several other males of the same species were calling nearby, indicating an established breeding population.

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**CRAUGASTOR AUGUSTI (Barking Frog).** MÉXICO: GUERRERO: MUNICIPALITY OF ARCELLA: 4.5 km SW of Campo Morado, Cañada “El Naranjo” (18.189083°N, 100.165694°W; WGS 84), 1002 m elev. 27 July 2006. Andrés Alberto Mendoza-Hernández. Verified by Luis Canséco Márquez. Museo de Zoología “Alfonso L. Herrera” Facultad de Ciencias, UNAM (MZFC 19786). The frog was an adult female found at 1110 h in the Balsas Basin region of Guerrero in tropical semi-deciduous forest inside a mud wall. First municipality record representing a range extension of 76 km southwest of the closest known locality, 8 km north of Taxco, municipality of Taxco de Alarcón, Guerrero (Zweifel 1956. *Amer. Mus. Nov.* 1813:1–21). Fieldwork was conducted under the authority of collecting permit FAUT-0015 issued to Oscar Flores-Villela by the Secretaría de Medio Ambiente y Recursos Naturales (SEMARNAT).

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**ELEUTHERODACTYLUS PEZOPETRUS (Nipe Frog).** CUBA: HOLGUÍN: MAYARÍ: Nipe Plateau, Salto del Guayabo (20.57590°N, 75.73759°W; WGS 84), 503 m elev. 24 June 2016. Javier Torres and Ruben Marrero. Verified by Manuel Iturriaga Monsisbay. Herpetological collection of the Instituto de Ecología y Sistemática, Havana, Cuba (CZACC 14.16202–203). First records for this species from Holguín province, located about 24.6 km northeast from the nearest record, 1.5 km northeast of La Cantera, Santiago de Cuba province (Hedges et al. 2008. *Zootaxa* 1737:1–182; Rivalta et al. 2014. *Smithson. Herpetol. Inf. Serv.* 145:1–48). The two adults were observed active between 2200 and 2230 h in montane rainforest; the first individual was found on a log 1.5 m above ground and the second was on the ground. Both specimens were collected under the auspices of project “Colecciones zoológicas, su conservación y manejo II,” by the Instituto de Ecología y Sistemática, Cuba.

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**ELEUTHERODACTYLUS PLANIROSTRIS (Greenhouse Frog).** PHILIPPINES: MACTAN ISLAND: CEBU PROVINCE: Lapu-Lapu City, Barangay Maribago (10.28271°N, 123.99523°E; WGS 84), 5 m elev. 14 April 2017. E. Y. Sy. Verified by Arvin C. Diesmos. Lee Kong Chian Natural History Museum, National University of Singapore (ZRC[IMG] 1.106a–b; photo voucher). Several individuals (16.2–25.8 mm SVL) observed between 2100–2300 h on landscaped areas of resort. First island record.

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**ELEUTHERODACTYLUS PLANIROSTRIS (Greenhouse Frog).** PHILIPPINES: MINDANAO ISLAND: BUKIDNON PROVINCE: Valencia

City, Barangay Poblacion (7.908882°N, 125.090519°E; WGS 84), 317 m elev. 14 July 2016. Kirby F. Peralta. Verified by Arvin C. Diesmos. Lee Kong Chian Natural History Museum, National University of Singapore (ZRC[IMG] 1.95a–c; photo voucher). Individual (17.5 mm SVL) found in school grounds. First provincial record. Introduced species in the Philippines first documented on Mindanao in Davao del Sur Province (Olson et al. 2014. *Herpetol. Rev.* 45:652–653). Record extends distributional range by 106.5 km NW of nearest known locality in Davao City.

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**ELEUTHERODACTYLUS PLANIROSTRIS (Greenhouse Frog).** PHILIPPINES: PALAWAN ISLAND: PALAWAN PROVINCE: Puerto Princesa City, Barangay Santa Monica (09.807464°N, 118.735092°E; WGS 84), 50 m elev. 24 February 2017. Emerson Y. Sy. Verified by Fred Kraus. Lee Kong Chian Natural History Museum, National University of Singapore (ZRC[IMG] 1.102a–b; photo voucher). First island record. Initially detected by call, several individuals (5–20 mm SVL) observed in garden area of Baker’s Hill compound. Introduced species in Philippines, previously recorded on Cebu, Luzon, Mindanao, and Negros (Sy and Salgo 2015. *Herpetol. Rev.* 46:212). Record extends distributional range by 473 km W of nearest known locality in Bacolod City, Negros Island (Sy et al. 2015. *Herpetol. Rev.* 46:56).

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**ELEUTHERODACTYLUS PLANIROSTRIS (Greenhouse Frog).** USA: MISSISSIPPI: FORREST CO.: 305 S. 16<sup>th</sup> Avenue, Hattiesburg (31.320625°N, 89.313324°W; WGS 84). 27 December 2016. James R. Lee and Dora B. Rojo. Verified by Robert L. Jones. Mississippi Museum of Natural Sciences (MMNS 19491, 19492). New county record (Meshaka Jr. 2005. *In* Lannoo [ed.], *Amphibian Declines: The Conservation Status of United States Species*, pp. 499–500. University of California Press, Berkeley, California; Dinsmore 2004. *Herpetol. Rev.* 35:403; Lamb and Chatfield 2014. *Herpetol. Rev.* 45:458; Mann et al. 2014. *Herpetol. Rev.* 45:652). This locality appears to represent a breeding population, and 73 individuals have been found at or immediately adjacent to (< 100 m) the original point of capture, as of 1 August 2017. With this record, *E. planirostris* has been documented from five counties in Mississippi (Forrest, Harrison, Hinds, Jackson, Oktibbeha; Mann et al. 2014, *op. cit.*). Specimens collected under Mississippi Department of Wildlife, Fisheries, and Parks Administrative Scientific Collecting Permit Number 0324161.

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**EXERODONTA SMARAGDINA (Emerald Treefrog).** MÉXICO: ESTADO DE MÉXICO: MUNICIPALITY OF VALLE DE BRAVO: Reserva El Peñón (19.08705°N, 100.078°W; WGS 84), 2243 m elev. 1 October 2016. Romina I. Cervantes-Burgos, Rodrigo G. Martínez-Fuentes, and Juan C. Sánchez-García. Verified by Manuel Feria-Ortiz. Museo de Zoología Facultad de Estudios Superiores Zaragoza, Universidad Nacional Autónoma de México (MZFZ 3415). First