

Catalogue of American Amphibians and Reptiles.

SCHWARTZ, ALBERT. 1980. *Eleutherodactylus bakeri*.

Eleutherodactylus bakeri Cochran

Eleutherodactylus bakeri Cochran, 1935:369. Type-locality, "Mt. La Hotte, [Département du Sud] Haiti, 5000 to 7800 feet altitude." Holotype, Museum Comparative Zoology, Harvard University 19837, adult male collected in October 1934 by P. J. Darlington (examined by author).

• CONTENT. No subspecies are recognized.

• DEFINITION. A species of the *auriculatus* group of Antillean *Eleutherodactylus* characterized by the combination of moderate size (males to 37 mm, females to 35 mm snout-vent length), dorsum gray, gray-brown, medium or dark brown, with at times an off-white median dorsal hairline, a pale interocular bar, or scattered off-white dorsolateral series of blotches which are remnants of a pair of dorsolateral pale stripes; venter whitish to uniform stippled brown; upper surface of hindlimbs at times pale orange and very often with a wide crural band, and a partial band on the thigh; digital discs well developed.

• DESCRIPTION. The original description (Cochran, 1935), further recited by Cochran (1941:82-84), is the only description of the species.

• ILLUSTRATIONS. Cochran (1941:83) has drawings of dorsal and ventral pattern, as well as a lateral view of the head, ventral views of hand and foot, and an interior view of the buccal cavity.

• DISTRIBUTION. *Eleutherodactylus bakeri* is known only from the type locality and the vicinity of Castillon, on the northern slopes of the Massif de la Hotte, and from Blockhaus on the southern slopes of the Massif de la Selle, in Haiti. Elevational distribution is between 1900 and 7698 feet (580-2350 m).

• FOSSIL RECORD. None.

• PERTINENT LITERATURE. The original description by Cochran (1935), its repetition by Cochran (1941), and mention of the species by Schwartz (1973) in context of the altitudinal and geographic distributions of Hispaniolan south island frogs are the only literature references to the species. Shreve and Williams (1963:325-326) described *E. bakeri heminota* (now recognized as a species distinct from *E. bakeri*; Schwartz and Thomas, 1975:24) and gave brief comments on the characters of the presumed nominate subspecies. Goin (1959) gave counts of maxillary teeth.

• REMARKS. The only recently collected specimens of *E. bakeri* are those collected by Richard Thomas in the vicinity of Castillon and near Blockhaus. Some of these were taken from bromeliads and one was taken from vegetation five feet off the ground at night (Castillon). The Blockhaus specimens were taken from a rock face with trickling water. At this locality, Thomas noted the call as "a single, high-pitched, fairly intense note (whistle) of about 1 second duration." The frogs were calling at 1700 hours, before dark. The large digital discs strongly suggest that *E. bakeri* is arboreal or at least a climber; Thomas's field data indicate that it is partially bromeliadiculous and saxicolous.

• ETYMOLOGY. The species is named for Frederick C. Baker of the U.S. Department of Agriculture who was stationed in Haiti at the time of collection of the type material (Cochran, 1935:370).

COMMENT

Specimens of *E. bakeri* were collected under the sponsorship of National Science Foundation grant B-023603 to the author.

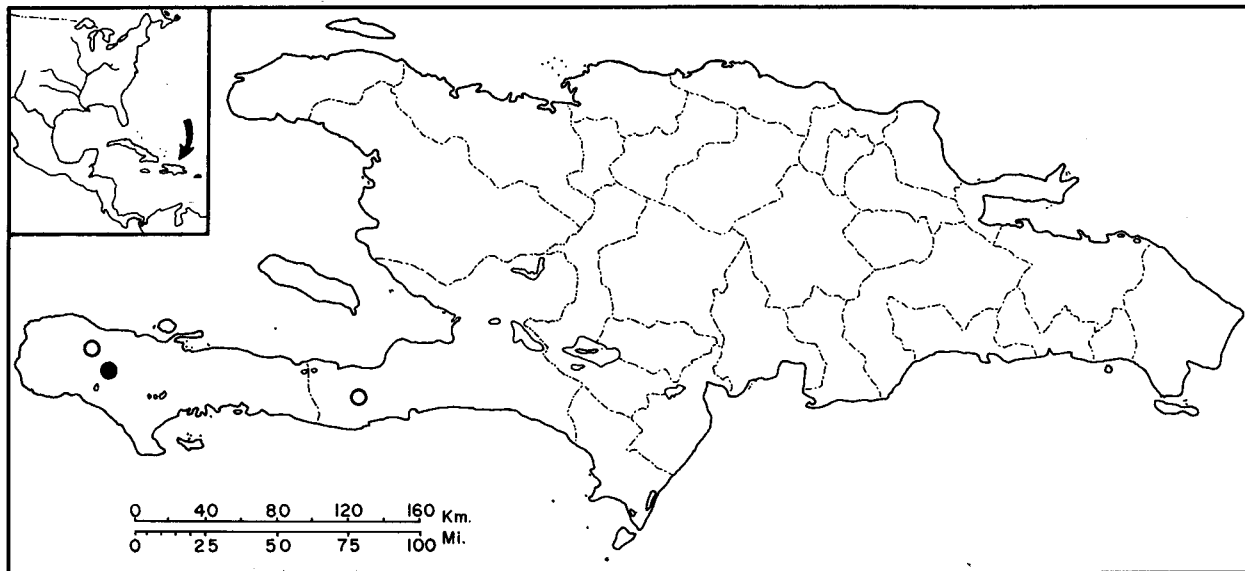
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MAP. Distribution of *Eleutherodactylus bakeri* in Haiti. Solid circle marks type-locality; open circles indicate other localities.