

AMPHIBIA: SALIENTIA: LEPTODACTYLIDAE      ELEUTHERODACTYLUS EUNASTER

Catalogue of American Amphibians and Reptiles.

SCHWARTZ, ALBERT. 1982. *Eleutherodactylus eunaster*.

*Eleutherodactylus eunaster* Schwartz

*Eleutherodactylus eunaster* Schwartz, 1973:250. Type-locality, "Castillon, ca. 2500 ft. (763 m), Département du Sud, Haiti." Holotype, National Museum of Natural History 189254, adult male, collected by Richard Thomas on 21 June 1971 (examined by author).

• CONTENT. No subspecies are recognized.

• DEFINITION. An Antillean *Eleutherodactylus*, apparently most closely related to *E. glanduliferoides* Shreve (which is placed by Shreve and Williams, 1963:339, in the Antillean *varleyi* group) characterized by the combination of small size (males to 20 mm, gravid female 21 mm snout-vent length), dorsal pattern either longitudinally lined or mottled with a dark interocular bar and a dark scapular W, a prominent crural band, venter yellowish to yellow and stippled with dark brown including (in some individuals) a median dark line on the throat, vocal sacs paired and submandibular, peritoneal covering of testes black-pigmented, and a relatively low tibia/snout-vent length ratio (41.2-48.5 in males, 46.7 in a female).

• DESCRIPTIONS. No descriptions other than that in the original description are available.

• ILLUSTRATIONS. Schwartz (1973:252) has a drawing of the dorsal view.

• DISTRIBUTION. *Eleutherodactylus eunaster* is known only from the vicinity of the type-locality and 40 km N Les Cayes on the road between Les Cayes and Jérémie, in the Massif de la Hotte. The known altitudinal distribution is 2500 to 3800 feet (about 760-1160 m).

• FOSSIL RECORD. None.

• PERTINENT LITERATURE. Schwartz (1973) gave data on voice and altitudinal distribution, and possible relationships between *E. eunaster* and *E. glanduliferoides*, which appear to be related although widely separated geographically. Schwartz and Thomas (1975:21) summarized distributional and geographic information.

• ETYMOLOGY. The name *eunaster* is from the Greek for "bedfellow," in allusion to the large number of species of *Eleutherodactylus* occurring with this species at Castillon.

COMMENT

A major problem is the relationship of *E. eunaster* to other Antillean *Eleutherodactylus*. The presence of paired vocal sacs is unusual in Antillean members of the genus; clarification of relationships of *E. eunaster* would be improved by further knowledge of this character in *E. glanduliferoides*.

Specimens of *E. eunaster* were collected under National Science Foundation grants G-7977 and B-023603.

LITERATURE CITED

Schwartz, Albert. 1973. Six new species of *Eleutherodactylus* (Anura, Leptodactylidae) from Hispaniola. *J. Herpetol.* 7(3):249-273.

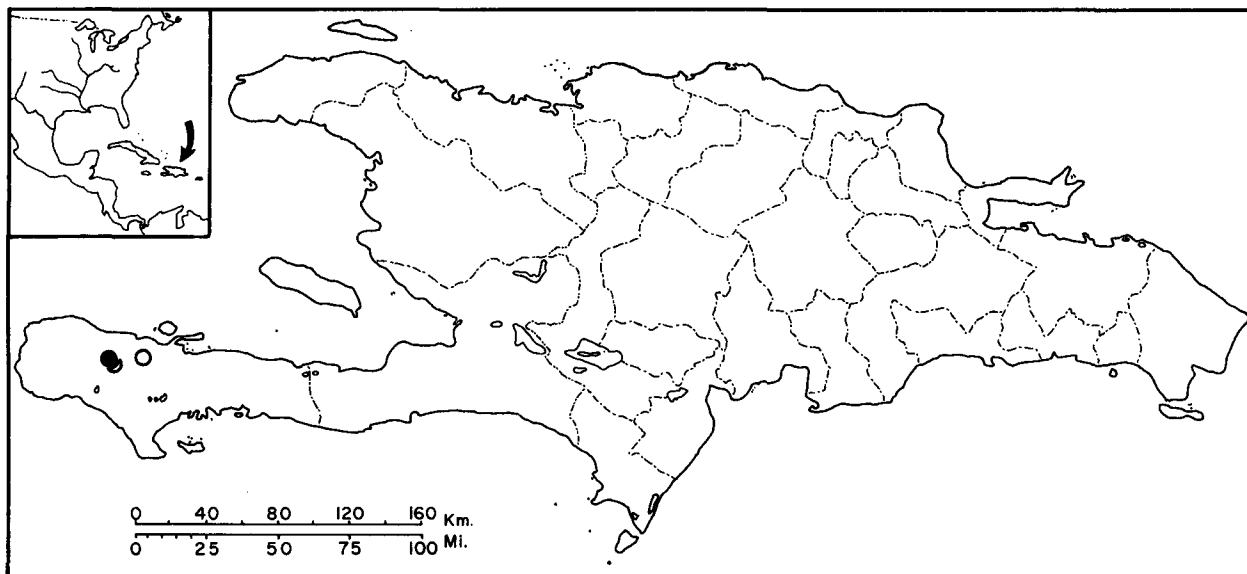
—, and R. Thomas. 1975. A check-list of West Indian amphibians and reptiles. *Carnegie Mus. Natur. Hist. Spec. Publ.* (1):1-216.

Shreve, Benjamin, and Ernest E. Williams. 1963. The herpetology of the Port-au-Prince region and Gonave Island, Haiti. II. The frogs. *Bull. Mus. Comp. Zool.* 129(5):302-342.

ALBERT SCHWARTZ, MIAMI-DADE COMMUNITY COLLEGE, MIAMI, FLORIDA 33167.

Primary editor for this account, Richard G. Zweifel.

Published 11 February 1982 and Copyright 1982 by the SOCIETY FOR THE STUDY OF AMPHIBIANS AND REPTILES.



MAP. Distribution of *Eleutherodactylus eunaster* in Haiti. Solid circle marks type-locality, open symbols other localities.