

OCCASIONAL PAPERS OF THE MUSEUM OF
ZOOLOGY

UNIVERSITY OF MICHIGAN

ANN ARBOR, MICHIGAN

PUBLISHED BY THE UNIVERSITY

A NEW GASTROTHERCA FROM VENEZUELA

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The collection of amphibians made by the University of Michigan-Williamson expedition to Venezuela includes a single specimen of the genus *Gastrotheca* which is easily separable from any of the hitherto described species. The new form is apparently nearest *G. longipes* Boulenger, from which it may be distinguished by the difference in coloration, the shorter legs and the greater webbing of the fingers and toes.

The specimen is a female, with the pouch filled with young almost ready to emerge in the adult form. One of these, on which a pouch is already visible, measures 12 mm. in length.

Gastrotheca williamsoni, new species

Type Specimen: Cat. No. 55559, Museum of Zoölogy, University of Michigan. Collected by E. B. Williamson (for whom it is named), from the leaf of a heliconid at San Esteban, Venezuela, on February 2, 1920.

Diagnosis: Derm of head free; skin only slightly granular;

interorbital space greater than the width of the eyelid; outer fingers one half webbed; toes entirely webbed; heel reaching between eye and ear when extended along the body.

Description: Size large. Head narrower than body, broader than long; derm free from cranial ossification; canthus distinct, curved; loreal region concave; nostril much nearer tip of snout than eye, whose diameter equals its distance from the nostril; interorbital space concave, wider than upper eyelid. Tongue large, circular, nicked behind. Vomerine teeth in two separate oval groups, between the choanae. Ear a vertical oval, whose horizontal diameter equals its distance from the eye. Two outer fingers one-half webbed, second and third one third webbed, first free; first finger equals second; toes entirely webbed; disks of toes slightly smaller than those of fingers and as wide as horizontal width of ear. Sub-articular tubercles well developed; a large inner metatarsal tubercle; a strong fold from elbow to wrist and a faintly indicated tarsal fold; heel with a triangular dermal flap. When hind limb is extended along the body the tibio-tarsal articulation reaches between eye and ear; the elbow and knee do not meet when adpressed; the heels overlap. Skin slightly granular on back, strongly granular beneath; a strong fold from eye almost to shoulder and another behind ear to angle of mouth. The pouch opening is almost square and is attached across the top, so it is open to the pouch only on the sides.

Color (in alcohol), reddish gray above, obscurely spotted with dark; a darker spot on back just behind head; an angular dark, light-edged mark in front of pouch with the angle directed forward, and another faint angular mark in front of the anus and within the pouch opening; under lip with indis-

tinct vertical bars; limbs banded with dark; a row of tiny dark-edged tubercles connecting the eyelids across the inter-orbital space. Sides light with dark vertical bars which slant slightly forward above; back of thighs dark with small light spots. Throat yellowish white; belly and lower surfaces of limbs grayish yellow.

Length of head and body, 53 mm.; width of head, 20 mm.; fore leg from axilla to tip of longest finger, 32 mm.; hind leg from groin to tip of longest toe, 82 mm.

