This efficie was downloaded by [Universite Level] On 28 December 2014 AF 19 28 Publisher Taylor & Francis Informa Dd Registered in England and Wales Registered Number 107 2954 Registered office Montimer House 37 41 Montimer Street London WIT 3JH DK



An nais and Magazine of Natural History: Series 7 Roleston details including instructions for authors and subscription into metion <u>bttp://www.tandlonton.com/tor/tabl2</u>

XX.—Description of a new frog discovered by Dr. W. J. Ansorge in Mossamedes, Angola

Riblioched online 23 Sep 2009.

for cite this eructe: G.A. Soulenge, F.A.S. (2017) AA.—Descuption of a new trop discovered by Dr. W.J. Arceorge in Microsomedics. Angels Annals and Migguine of Natural History. Series F. 20, 116, 109-109, 009 10, 1090, 007,22,500, 00940, 1212

fe link to this situals: <u>Min ((d. de) e nº 10, 1070) 002222000(024310) 2</u>

## PLEASESCROLL DOW V FOR ARTICLE

Taylor & Francis makes every effort to ensure the accuracy of all the information (the "Content") contained in the publications on our platform. However Taylor & Francis our agents and our licensors make no representations or varranties whatsoever as to the accuracy completeness or suitability for any purpose of the Content. Any opinions and view sexpressed in this publication are the opinions and view sexpressed in this publication are the opinions and view sexpressed in the views of or endorsed by Taylor & Francis. The accuracy of the Content should not be refled upon and should be independently verified with primary sources of information. Taylor and Francis shall not be liable for any losses actions claims proceedings demands costs expenses damages and other liabilities whatsoever or how soever caused arising directly or indirectly in connection with, in relation to or arising out of the use of the Content.

This article may be used for research, teaching, and private study purposes. Any substantial or systematic reproduction, redistribution, reselling, loan, sub-licensing, systematic supply, or distribution in any form to anyone is expressly forbidden. Terms & Conditions of access and use can be found at <u>http://www.tandfonline.com/page/</u> terms-and-conditions of head, not reaching origin of anal. Caudal rounded. Caudal peduncle as long as deep. Scales denticulate,  $36-39 \frac{6-7}{15-18}$ ; lateral lines 21-24/13-17. Brownish above, yellowish beneath, with dark brown spots or marblings or with 7 or 8 indistinct dark bars on the body; a blackish opercular spot; dorsal, anal, and caudal fins with round brown or blackish spots.

Total length 160 mm.

Several specimens were obtained by Dr. Ansorge. A specimen measuring 215 mm., from the Zambesi, has been submitted to me by Dr. J. D. F. Gilchrist.

Closely allied to P. robusta, Gthr.

XX.—Description of a new Frog discovered by Dr. W. J. Ansorge in Mossamedes, Angola. By G. A. BOULENGER, F.R.S.

## Rana cryptotis.

Tongue rather feebly notched behind. Vomerine teeth in two oblique groups between the choanæ. Habit very stout. Head short, snout rounded; interorbital space narrower than the upper eyelid; tympanum completely hidden under the skin. Fingers short, pointed, first and second equal; toes short, one-third webbed; subarticular tubercles of toes very prominent, conical; inner metatarsal tubercle very large, very prominent, shovel-shaped, sharp-edged, at least as long as the inner toe; a small, round, outer metatarsal tubercle; a round tarsal tubercle, just below the tibio-tarsal articulation. The tarso-metatarsal articulation reaches the eye.  $\mathbf{Skin}$ Pale greyish or brownish above, with dark-edged smooth. grey or brown spots disposed with greater or less symmetry; an interrupted dark cross-bar between the eyes ; back sometimes with white or pink dots; a light vertebral streak often present; hind limbs with dark transverse spots, not forming complete cross-bars; lower parts white.

From snout to vent 31 mm.

Numerous specimens were obtained by Dr. Ansorge at Catequero, Ponang Kuma (Dongwenna), and in the Kafitu Swamps.

The hidden tympanum and the tarsal tubercle well distinguish this small frog from *R. Delalandii* and other allied species from Africa.