

the canthus, and emitting a short process towards the parotoids; interorbital space concave, much broader than the supraciliary cover. Snout short. Tympanum rather variable, about one-half or two-thirds the area of the eye. *Parotoids large, sometimes of enormous size.* Upper parts covered with irregular, sometimes (in males?) spinous tubercles. First finger longer than the second; toes half-webbed. Two metatarsal tubercles; a tarsal fold. Brownish, with or without darker spots; lower parts whitish, frequently spotted.

♀ from Presidio de Mazatlan.

Distance of vent from snout . . . . .	166 millim.
„ „ metatarsal joint . . . . .	124 „
„ „ end of fourth toe . . . . .	163 „

Central-American specimens, at least those of the more temperate districts, do not appear to grow to the enormous size to which the species attains in Brazil and Guiana.

## 12. *Bufo occipitalis*. (Tab. LXIX. fig. C.)

*Bufo occipitalis*, Camerano, Att. Accad. Torin. xiv. p. 889; Bouleng. Batr. Sal. p. 310.

*Hab.* MEXICO.

Head deeply concave above, with a straight bony ridge, very prominent and swollen behind. Snout pointed, prominent. Tympanum small and rather indistinct. Parotoid moderate, its lower border forming an angle. Skin covered with small tubercles. First and second fingers equal\*; toes almost entirely webbed\*; two metatarsal tubercles of moderate size; no tarsal fold.

Distance of vent from snout . . . . .	45 millim.
„ „ end of fourth toe . . . . .	61 „

I am indebted to Professor Camerano for communicating to me the sketch taken from the type, and to Count Peracca for several notes on the same specimen.

## 13. *Bufo coccifer*.

*Bufo coccifer*, Cope, Proc. Ac. N. Sc. Philad. 1866, p. 130; Journ. Ac. Nat. Sc. Philad. viii. p. 100, t. 23. fig. 5 (1875); Bull. U. S. Nat. Mus. no. 32, p. 11 (1887).

*Hab.* MEXICO, Tehuantepec (*Cope*); GUATEMALA, Guatemala city (*Cope*); COSTA RICA (*Cope*), vicinity of San José, Laguna de la Palma (*Underwood*).

Crown of the head with rather low crests, the parietal and postocular branches forming a right angle; snout short, with sharp, convergent, canthal ridges; interorbital space concave, wider than the supraocular cover. Tympanum distinct, circular, one-

\* These characters are not well shown in the figure.