

Fam. BUFONIDÆ.**ENGYSTOMOPS.**

Paludicola, Cope, Proc. Ac. N. Sc. Phil. 1864, p. 180 (nec Wagl.).

Engystomops, Espada, An. Soc. Esp. i. p. 86 (1872); Bouleng. Batr. Sal. p. 275.

Microphryne, Peters, MB. Ak. Wiss. Berlin, 1873, p. 616.

Vomerine teeth none. Tympanum distinct or hidden. Toes nearly free, without disks; outer metatarsals united. Parotoids very small and indistinct. Sternum with a bony style.

1. Engystomops pustulosus.

Paludicola pustulosa, Cope, Proc. Ac. N. Sc. Philad. 1864, p. 180.

Microphryne pustulosa, Peters, MB. Ak. Wiss. Berlin, 1873, p. 616; Cope, Journ. Ac. N. Sc. Philad. viii. p. 155 (1875); Proc. Am. Phil. Soc. xviii. p. 267 (1879); Sumichrast, Bull. Soc. Zool. Fr. 1880, p. 189.

Engystomops pustulosus, Bouleng. Batr. Sal. p. 275.

Bufo pustulosus, Brocchi, Miss. Sc. Mex., Batr. p. 86, t. 8. fig. 1.

Hab. MEXICO, Tehuantepec (*Sumichrast*); PANAMA, Chiriqui (*Peters*), Buchio Soldado (*Bransford*).—VENEZUETA (*Peters*).

Tubercular above, smooth below. Tympanum hidden. A conical tubercle on the middle of the inner edge of the tarsus. Greyish above, marbled with darker; throat and breast with a light median stripe. Chiriqui specimens have a white spot in the middle of the back, and a white line along the coccyx.

BUFO.

Bufo, Wagl. Syst. Amph. p. 206.

Otilophus, Cuv. Règne Anim. p. 154.

Auditory organ developed, with the tympanum distinct, more rarely hidden below the integument. Toes more or less webbed, without disks; outer metatarsals united. Parotoids generally well developed. Sternum a cartilaginous plate, sometimes more or less ossified along the middle.

Synopsis of Central-American Species.*

I. Crown of the head without projecting ridges.

A. Toes not more than half-webbed.

1. Metatarsal tubercles not shovel-shaped.

a. Skin smooth or nearly so.

1. *hæmatiticus*.

* No opinion can be formed as regards *Bufo melanogaster*, Hallowell, Proc. Acad. N. Sc. Philad. 1860, p. 486. The name was given to a young Nicaraguan specimen, 13 lines long; it is described in the following