

NANNOPHRYNE.

Nannophryne, Günth. P. Z. S. 1870, p. 401; Cope, Proc. U. S. Nat. Mus. xii. p. 142 (1889).

Cranopsis, *Crepidius*, and *Ollotis*, Cope, Journ. Ac. N. Sc. Philad. viii. pp. 96, 97, 98 (1875).

Differs from *Bufo* by the absence of ostia pharyngea and tympanum. Palmation of toes weak. Parotoids present.

1. *Nannophryne fastidiosa*.

Cranopsis fastidiosus, Cope, Journ. Ac. N. Sc. Philad. viii. p. 96, t. 23. fig. 1 (1875).

Hab. COSTA RICA, Pico Blanco 2500 feet (*Gabb*).

Cranial integument entirely ossified, rugose. The supraciliary crest is elevated and continued to the parotoid; it is swollen, particularly behind, forming a rugose osseous plate behind the orbit. Upper part of the snout and interorbital space concave. Parotoid short, subtriangular. Upper parts studded with round warts; a series of larger tubercles from the parotoid to the groin. Toes half-webbed; metatarsal tubercles very obscure; no tarsal fold. Yellowish-brown above, dirty brown below, sides with a blackish band. (After Cope.)

Length of body	58 millim.
„ hind limb	60 „
„ hind foot	35 „

2. *Nannophryne epiotica*.

Crepidius epioticus, Cope, Journ. Ac. N. Sc. Philad. viii. p. 97, t. 23. fig. 2 (1875).

Hab. COSTA RICA, Pico Blanco 5000 feet (*Gabb*).

Crown of the head without ossification; of crests are present a canthal, supraciliary, and supratympanic; the supraciliary sends inwards a short tuberosity at the posterior third of the orbit; supratympanic very protuberant. Parotoid very small, rounded; skin everywhere rugose with minute tubercles, which are sparse on the dorsal, dense on the ventral regions. Digits of all the feet enclosed in the skin, leaving the longest toe projecting; inner digits of both feet rudimentary. Femur half enclosed in the inguinal integument. Soles smooth, without tubercles or folds. Brownish-black, sometimes with a brown median dorsal band. (After Cope.)

Length of body	35 millim.
„ hind limb (free portion)	30 „
„ hind foot	18 „

3. *Nannophryne cœrulescens*.

Ollotis cœrulescens, Cope, Journ. Ac. N. Sc. Philad. viii. p. 98, t. 23. fig. 3 (1875).

Hab. COSTA RICA, Pico Blanco 3000 to 5000 feet (*Gabb*).