

toes half-webbed; two metatarsal tubercles, of which the inner is somewhat compressed and pointed, covered with horn; a tarsal fold. Brownish, marbled with darker; lower parts whitish.

Distance of vent from snout	. . . . .	68 millim.
„ „ metatarsal joint	. . . . .	63 „
„ „ end of fourth toe	. . . . .	90 „

I have seen only one specimen of this form, a female from Ciudad. If it is a distinct species, *B. mexicanus* comes very close to *B. spinulosus* (= *B. halophilus*), in which the size of the tympanum is subject to considerable variation. It is also closely allied to *B. compactilis*, but has the metatarsal tubercle much less dilated and somewhat pointed.

#### 4. *Bufo monksiæ*.

*Bufo monksiæ*, Cope, Proc. Am. Phil. Soc. xviii. p. 263 (1879).

*Hab.* MEXICO, Guanajuato (*Dugès* \*).

Crown of the head without projecting ridges; canthus rostralis sharp, loreal region vertical; snout vertically truncated in front. Tympanum concealed; parotoid a wide oval, rather large. Upper parts tubercular, lower parts granular. First and second fingers equal in length. Toes half-webbed; two metatarsal tubercles, small but prominent. Blackish-brown above, with a few small ashy spots; blackish spots on the sides, belly, throat, and limbs. (After Cope.)

Length of body	. . . . .	35 millim.
„ hind limb	. . . . .	42 „
„ hind foot	. . . . .	20 „

This species is not well established; it seems to have been named from a single young individual, which very probably was only the immature state of one of the other members of the genus, perhaps of one provided with cranial crests in the adult stage, like *B. simus*.

#### 5. *Bufo compactilis*.

*Bufo compactilis*, Wiegmann, Isis, 1833, p. 661; Peters, MB. Ak. Wiss. Berlin, 1863, p. 80; 1873, p. 624; Boulenger, Batr. Sal. p. 302; Cope, Bull. U. S. Nat. Mus. no. 32, p. 10 (1887); Dugès, Nat. Mex. (2) i. p. 140 (1888); ii. p. 482 (1896).

*Anaxyrus melancholicus*, Tschudi, Fauna Peruana, Herpet. p. 78, t. 11. fig. 5 (bad; *fide* Peters).

? *Bufo speciosus*, Girard, Proc. Ac. N. Sc. Philad. 1854, p. 86; U. S. & Mex. Bound. Surv. ii. p. 26, t. 40. figg. 5-10 †.

*Bufo anomalus*, Günther, Batr. Sal. p. 57 (*fide* Peters).

*Bufo levifrons*, Brocchi, Bull. Soc. Philom. (7) i. p. 187; Miss. Sc. Mex., Batr. p. 70, t. 6. figg. 1-2.

\* In a list of Mexican toads kindly supplied to me by Dr. Dugès, no mention is made of this species. He complains that Cope did not always give the localities correctly of the species sent to him.

† Considered distinct by Garman, Bull. Essex Inst. xix. 1888, p. 136.