

dark cross-bands. Lower parts uniform whitish. Male with a non-retractile vocal sac behind each angle of the mouth.

		♀ (Tampico).
Greatest width of head	. . . . .	25 millim.
Distance of vent from snout	. . . . .	80 „
„ „ heel	. . . . .	66 „
„ „ metatarsal joint	. . . . .	84 „
„ „ end of fourth toe	. . . . .	111 „

This species shows a somewhat perplexing amount of variation in the shape of the vomerine series, size of the tympanum, development of cuticular glands, and coloration. In many Mexican specimens the coloration during immaturity is peculiar: the light lateral band is pure white, and many of the tubercles on the sides of the body and on the legs are deep black (*H. lichenosa*). Boulenger has described a living specimen:—“When handled, it exuded a great quantity of poisonous fluid . . . . .; this fluid, of a milky appearance, coagulates instantaneously, sticking to the fingers in a very disagreeable manner; it has a strong odour, resembling that of peaches, and affects very disagreeably the mucous membrane of the nostrils, causing a strong itching.”

### 18. *Hyla sordida*.

*Hyla sordida*, Peters, MB. Ak. Wiss. Berlin, 1863, p. 460.

*Hab.* PANAMA, Veraguas.

Vomerine teeth in two short transverse series, between the choanæ, which are a little larger than the eustachian ostia. Snout with rounded canthus, obtuse, the diameter of the eye being equal to its distance from the end of the snout; distance between the nostrils a little less than their distance from the eye. Diameter of the tympanum one-third that of the eye. The three outer fingers are almost entirely webbed, and even the two inner fingers are connected by a rudimentary membrane. The web between the toes is much excised, but reaches to the disks, leaving free only one-half of the last phalanx of the fourth toe. Disks of toes and fingers nearly equal. *When the hind limb is carried forwards, three-fourths of the tarsus reach beyond the end of the snout.* Upper parts smooth, lower granular. Bluish-grey, sides of the body and posterior face of the thighs finely marbled with white and brown; limbs with cross-bands. Lower parts white. Male with a subgular vocal sac. (After Peters.)

Width of head	. . . . .	12 millim.
Length of body	. . . . .	34 „
„ hind limb	. . . . .	60 „
„ foot	. . . . .	27 „

To judge from the description, this frog must be most closely allied to *Hyla gabbi*, and may be even specifically the same. The only noteworthy difference seems to be