

# DESCRIPTION OF THREE NEW BATRACHIANS FROM SOUTHERN QUEENSLAND.

By J. LAMB.

## HELEIOPORUS SUDELLI, sp. nov.

TONGUE large subcircular, slightly nicked and free behind. Vomerine teeth in two groups between the choanæ. Habit stout. Head broader than long, snout rounded, without canthus rostralis; nostril nearer the eye than the tip of the snout; interorbital space narrower than the upper eyelid; tympanum indistinct. Fingers blunt, first and second equal; toes short, blunt, half webbed; subarticular tubercles, especially those of the fingers, well developed; a small tubercle between first and second and second and third fingers, inner metatarsal tubercle long and low, no outer metatarsal tubercle. The hind limb being carried forwards along the body, the tip of the longest toe reaches the eye or just beyond. Upper surface of body and hind limbs minutely tubercular; belly smooth, brownish or olive above, marbled with darker; a dark cross-band between the eyes to the outer edge of the upper eyelid, a light vertebral line and a light blotch on the upper part of the shoulders, upper edge of lower eyelid silvery white.;

(Named for Miss J. Sudell, its collector.)

### *Measurements in Millimeters.*

Length from snout to vent ... ..	45
Length of head ... ..	17
Width of head ... ..	18
Length of snout ... ..	8
Diameter of eye ... ..	5.5
Width of interorbital region... ..	3.3
Length of fore limb ... ..	30
Length of hind limb ... ..	46

Type in Queensland Museum.

Locality: Warwick.

Differing from *albopunctatus* thus:—Vomerine teeth in two groups; nostril nearer the eye than the tip of the snout; first and second fingers equal, hind limb much shorter; skin not smooth, no conical tubercle, tubercle between first and second and second and third fingers.

#### HYLA VINOSA, sp. nov.

Tongue suboval, slightly nicked and free behind. Vomerine teeth strong, in two large contiguous groups between the choanæ. Habit robust. Head as long as broad; snout rounded; the distance between the eye and the nostril slightly longer than that of the former; canthus rostralis distinct; loreal region oblique and linear; interorbital space as broad as the upper eyelid; tympanum very distinct, more than half the diameter of the eye. Fingers free, first and second equal; no distinct rudiment of pollex; toes two-thirds webbed; disks one-third of the diameter of the eye; subarticular tubercles very prominent; two metatarsal tubercles, inner large, outer very small; a distinct fold along the inner edge of the tarsus. The hind limb being carried forwards along the body, the tibio-tarsal articulation reaches far beyond the tip of the snout. Skin smooth, granulate on the belly and under the thighs; a strong curved fold beginning from the posterior angle of the eye; a fold across the chest. Blue-green above, changing to vinous in spirits, a broad blackish band from the eye to behind the axilla, blackish spots on the arms and sides of body; hinder side of thighs blackish, marbled and scribbled with white, some of the spots with a blackish centre.

#### *Measurements in Millimeters.*

Length from snout to vent	...	...	...	52
Length of head	...	...	...	19
Width of head	...	...	...	19
Length of snout	...	...	...	9.5
Diameter of eye	..	...	...	5
Width of interorbital region	...	...	...	4
Length of fore limb	...	...	...	34
Length of hind limb	...	...	...	96

Type in Queensland Museum.

Locality: Ithaca Creek, Brisbane.

Differing from *nigrofrenata* thus:—Vomerine teeth in two large contiguous groups between the choanæ. Habit robust. Head as long as broad; snout rounded, first and second fingers equal, disks larger.

**LIMNODYNASTES MARMORATUS, nov. sp.**

Tongue moderate subcircular, slightly nicked behind. Vomerine teeth in a straight, interrupted series behind, and not extending outwards beyond the choanæ. Head broader than long, snout rounded; nostril equally distant from the eye and the tip of the snout; interorbital space narrower than the upper eyelid; tympanum indistinct. Fingers free, first not extending quite as far as second; toes nearly one-third webbed; subarticular tubercles well developed; inner metatarsal tubercle small, blunt, no outer metatarsal tubercle; the hind limb being carried forwards along the body, the tarso-metatarsal articulation reaches the centre of the eye. Upper surface of body with flat glands; belly smooth; an elongated whitish or pink gland beneath the eye to the shoulder. Brownish or olive above, with irregular dark olive-green spots, a dark streak from the tip of the snout, through the eye to the shoulder, two crimson spots on the upper eyelids, under surface dull white. Fore limb in male very strong.

*Measurements in Millimeters.*

Length from snout to vent	...	...	54
Length of head	...	...	18
Width of head	...	...	20
Length of snout	...	...	7
Diameter of eye	...	...	5
Width of interorbital region	...	...	4
Length of fore limb	...	...	30-5
Length of hind limb	...	...	70

Type in Queensland Museum.

Locality: Goondiwindi.

This frog is closely allied to *L. tasmaniensis*, from which it differs by not having an outer metatarsal tubercle; vomerine teeth much straighter and interrupted; no vertebral line in immature or adult.