

ON NEW SPECIES OF HYLÆ.

BY

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HYLÆ FENESTRATA.

VOMERINE teeth in two straight series between the choanæ; tongue subcircular, notched on the free hinder edge; head broader than long; snout depressed, sloping anteriorly; nostrils central between the eye and the tip of the snout; the eye two-thirds of the length of the snout, more than its own distance from the nostril, and equal to the interorbit; tympanum two-thirds of the eye; fingers free, narrow, disks very small; toes less than two-thirds webbed, the fourth elongate; inner metatarsal tubercle large, shovel-shaped, outer none; skin smooth, granulate on perineum only, above olive-blue, beneath dirty-yellow; lips pale, minutely marbled with black; flanks white, spotted with black; the front and hind surfaces of the thighs with numerous broad black bars, connected by fine lines across the upper surface; fore and hind surfaces of the shanks and arms with white-edged black triangular spots, similarly connected

Measurements.		Lines.	Measurements.		Lines.
Total length ...	...	27	Hind limb ...	...	45
Length of head ...	...	11	Hind foot ...	...	19
Breadth ...	...	13	Fore limb ...	...	17
Length of snout ...	...	5	Fore hand ..	...	7
Interorbit ...	...	3			

Locality, Tweed River. Collected by Mr. T. Steel.

HYLÆ IRRORATA.

Vomerine teeth in two small, rather distant groups behind the choanæ; tongue a broad oval, notched on its free hind edge; head much broader than long; snout truncated; nostrils much nearer to the tip of the snout than to the eye; tympanum two-thirds to three-fourths of the eye; fingers broad, webbed at the base, disks two-fifths of the tympanum; toes two-thirds webbed, the web reaching the disks of the third and fifth and fringing

the fourth, which is short; two metatarsal tubercles, the outer small; skin smooth above, granulated beneath, more coarsely on the abdomen. Lead-blue to olive-brown; beneath rufous or buff—in young examples, paler on the throat and purplish on the under and hinder surfaces of the thighs;—on and behind the angle of the mouth a short line, or series of spots, white; a spot on the arm (nearly constant), and a line along the hinder edge of the fore-arm white; a group of small white spots on the groin, sometimes extending round the coccyx; occasionally a few scattered white dots on the back, and a large one on each side of the throat.

Measurements.	Lines.	Lines.	Measurements.	Lines.	Lines.
Total length ...	32	20	Hind limb ...	42	28
Length of head...	8	6½	Hind foot ...	19	13
Length of snout	4	3	Fore limb ...	17	11
Interorbit ...	9	5¾	Fore foot ...	8	5¾

Locality, Gypsie. Collected by Mr. H. F. Wallmann.

HYLA NOBILIS.

Vomerine teeth in two very small groups behind the level of the choanæ; tongue very large, bilobed on the free hind edge; head longer than broad; snout moderately depressed, obtusely pointed, produced; nostrils nearer to the tip of the snout than to the eye; tympanum two-thirds of the eye; fingers free, narrow, disks very small; toes fully webbed, the web reaching the disks of the third and fifth; fourth toe elongate, disks small; inner metatarsal tubercle moderate oval, outer none; skin above rugose, beneath smooth. Reddish-grey above, beneath boldly marbled black and white, in the young especially on the throat and chest, the marbling growing more diffuse with age, and almost lost in large examples; frenal region blackish; side of the body from the tympanum black edged above with a white line, running from the tip of the snout on the edge of the upper eyelid and backwards—in youth, similarly edged below;—lips spotted with white; fore and hind surfaces of limbs mottled with black, upper surface of limbs with a few broad cross-bands.

Measurements.	Lines.	Measurements.	Lines.
Total length ...	26	Hind limb ...	44
Length of head ...	10	Hind foot ...	20½
Breadth ...	9	Fore limb ...	15½
Length of snout ...	5	Fore hand ...	6½
Interorbit ...	6		

Locality, Cape York. Collected by Mr. K. Broadbent.

HYLÆ PENINSULÆ.

Vomerine teeth in two groups between the choanæ; tongue ovate, notched on the free hind edge; head considerably longer than broad, pointed; snout sharp, protruding; nostrils central between the tip of the snout and the eye; tympanum two-thirds of the eye; fingers narrow, free or slightly webbed at the base between the fourth and fifth, disks very small; toes fully webbed, the webs reaching the disks of the third and fifth; the fourth toe elongate; inner metatarsal tubercle oval, outer none; skin smooth above, and anteriorly beneath, posteriorly granulate; olive-brown, a pale longitudinal band on each side the back, and the enclosed vertebral-band broken up into dark blotches, more or less confluent; upper lip spotted, or continuously edged with a white line, which margins the lower front part of the orbit and the tympanum, and defines a black spot behind the tympanum; flanks speckled with black; upper part of thigh and tibia blotched and lined with black; beneath pale yellowish, with the chin grey and the thighs rufous (purplish).

Measurements.		Lines.	Measurements.		Lines.
Total length ...	...	27	Hind limb ...	...	45
Length of head ...	...	11	Hind foot ...	...	19
Breadth ...	...	13	Fore limb ...	...	17
Length of snout	5	Fore hand	7
Interorbit	3			

Locality, Cape York. Collected by Mr. K. Broadbent.



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