XXII.—*Natural History Notes from H. M.'s Indian Marine Survey Steamer* 'Investigator,' *Commander* ALFRED CARPENTER, R. N., *Commanding, No.* 8. *Description of a new species of the Brachyurous Genus* Lyreidus *from the Depths of the Andaman Sea.—By* J. WOOD-MASON, ESQ., *Superintendent of the Indian Museum, and Professor of Comparative Anatomy and Zoology in the Medical College of Bengal, Calcutta.*

LYREIDUS GRACILIS, n. sp.

♂. Very closely allied to *L. channeri.** Body and legs slenderer. Rostrum acutely triangular with straight sides. Extraorbital and antero-lateral spines absolutely as well as relatively longer. The head being narrower and more produced, its sides (between the extraorbital and anterior antero-lateral spines) are less deeply hollowed out, and its supraorbital borders, more deeply and narrowly emarginate. Eye-peduncles and corneæ equal and similar, apparently of the same form and proportions as in the left eye of *L. channeri*, the former reaching to about the junction of the second with the apical third of the length of the rostrum, the latter opaque yellow with the subjacent pigment showing through the cuticle as a dark ring round their bases. Propodite of the chelipeds armed below with three triangular spines. The meropodite bears two sharp erect spinules about the middle of the length of its upper border. In all other respects much as in *L. channeri.*

The unique example obtained measures :—

	Millims.
Length of carapace, from tip of rostrum to posterior margin, ...	23·3
,, ,, ,, ,, to middle of a straight line joining bases of posterior anterolateral spines, ...	8·5
,, ,, from same straight line to posterior margin,	15·0
Breadth of carapace, across the parallel-sided part, ...	12·7
Breadth of head, between tips of extraorbital spines,... ...	4·7
Distance between tips of posterior antero-lateral spines, ...	17·9
Length of posterior antero-lateral spines, ...	5·4
,, ,, anterior ,, ,, ,, ...	3·7
,, ,, rostrum, from a straight line tangent to the bottoms of the supraorbital emarginations, ...	3·0
,, ,, extraorbital spines from the same tangent, ...	4·0

Locality.—Off Port Blair ; 271 fathoms ; green ooze ; January 2nd, 1888.

* Supra, p. 206 *et seqq*, pl. i.