

THE CONSTITUTION OF THE FISH-FAUNA OF THE DEEP SEA.

If, as has been done in the present Report, all species which hitherto have been found at a depth of 100 fathoms are included in the deep-sea fauna, so great an admixture of surface forms is admitted, that the characteristic features of abyssal fauna are obscured. We obtain a more correct idea of its constitution if we take into consideration only such forms as have been found from 300 fathoms downwards; eliminating from the total number of 385 species enumerated in this Report all which do not descend to 300 fathoms, 155 in number. This leaves 230 true abyssal forms.

Of this number the

Chondropterygians	furnish	8 species or	$3\frac{1}{2}$ per cent.	
Holocephali	„	2	„	1 „
Acanthopterygians	„	64	„	26 „
Berycidæ	„	24	„	$10\frac{1}{2}$ „
Pediculati	„	7	„	
Trachypteridæ	„	7	„	
Scorpænidæ	„	5	„	
Discoboli	„	5	„	
Percidæ	„	4	„	
Trichiuridæ	„	4	„	
Cottidæ	„	3	„	
Cataphracti	„	2	„	
Cyttidæ	„	1	„	
Trachinidæ	„	1	„	
Lophotidæ	„	1	„	
Anacanthini	„	91	„	40 „
Lycodidæ	„	13	„	
Gadidæ	„	19	„	9 „
Ophidiidæ	„	20	„	9 „
Macruridæ	„	37	„	16 „
Pleuronectidæ	„	4	„	
Physostomi	„	63	„	26 „
Scopelidæ	„	17	„	
Murænidæ	„	13	„	
Stomiatidæ	„	10	„	
Alepocephalidæ	„	9	„	