



## Variation and Differentiation in Ceratophyllum (Classic Reprint) (Paperback)

By Raymond Pearl

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Excerpt from Variation and Differentiation in Ceratophyllum The purpose with which this investigation was undertaken was to attempt to work out as exactly and completely as possible for a particular organism the laws according to which post-embryonic differentiation and growth occur. In higher plants and animals the phenomena of growth are accompanied by phenomena of differentiation. The two processes go along together until finally the adult condition is reached, in which the organism has attained not only a certain size, but also a complex condition of differentiation of parts or organs. In studies of variation it has been the usual - though by no means invariable - custom to take a particular character or set of characters found in the adult as something given, and then proceed, by processes now becoming well known, to investigate the nature and degree of the variation exhibited in these characters. But since the condition of the adult organism is, with respect to every character, the result of a process of gradual development and growth, it is clear that in order to...



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