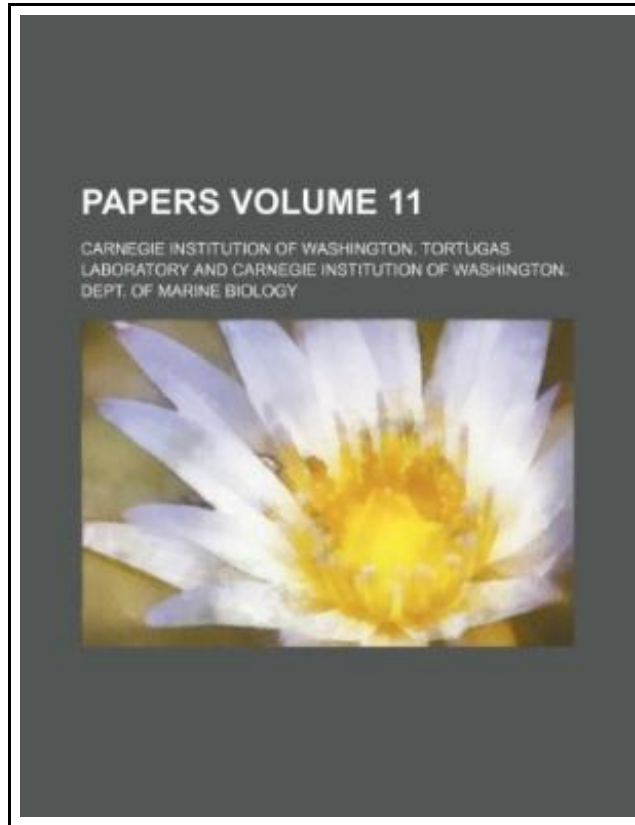


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Reviews

Merely no terms to spell out. We have read through and i also am confident that i will gonna read yet again again in the future. You will not sense monotony at anytime of your own time (that's what catalogs are for about should you question me).

(Pasquale Larkin I)

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Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1917 Excerpt: .production of light of the firefly, less weak concentrations of alkalies are necessary, and KCN does not affect light-production in strong (m/100) concentrations. Table 10 summarizes the characters of photogenin and photophelein (luciferase and luciferin) as found by Dubois for Pholas and by myself for Cypridina and the firefly. Where a statement runs through both photogenin and photophelein columns it applies to a mixture of the two substances. A blank indicates that the experiment has not been tried. STUDIES ON A PENNATULID, CAVERNULARIA HABERI. GENERAL CHARACTERS OF THE ANIMAL AND OF THE PHOTOGENIC MATERIAL. Panceri (24), working with Pennatula phosphorea, has given us the best account of phosphorescence among the pennatulids. He describes the light as coming from eight bands of cells on the outer wall of the stomach and continued into buccal papillae. They contain a luminous fatty matter which can easily be squeezed out as a sort of slime and which does not decompose readily. He also found that on stimulation a wave of light would pass over the colony in any direction at a rate of about 5 cm. per second. In a form like Cavernularia he describes also somewhat similar conditions (24, p. 40), but his descriptions are very meager. I have found the Japanese species of Cavernularia more favorable for light experimentation than Pennatula, and the following pages contain confirmation of Panceri s experiments on the light-waves passing over the colony and a general account of the chemistry of light-production. Cavernularia...



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