



Papers from the Department of Marine Biology of the Carnegie Institution of Washington Volume 251 (Paperback)

By Carnegie Institution of Washington

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: .of KCN Effect of NaF Effect of enxymes. Reversible extinction of light with 20 per cent alcohol 16 per cent acetone and saturated butyl alcohol. Reversible extinction of light in n/500 to n/5000 concentration. No effect. No effect. Precipitated by al-cohol at 82 un-changed. Precipitated by picric acid unchanged. Not destroyed by 1 to 100. Destroyed by tryp Suspends activity and returns on dilution. between 45 and 54 and returns on cooling. The maximum temperature from which the light revived was 84 and it usually returned about 50. These effects are similar to those observed with Cypridina. Very weak concentrations of acids prevent the 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...



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