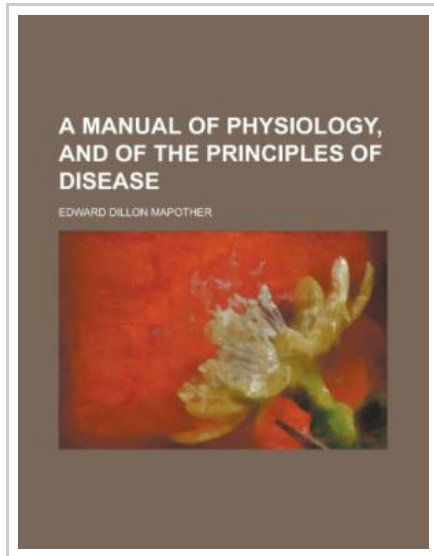



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A Manual of Physiology, and of the Principles of Disease

By Edward Dillon Mapother

Rarebooksclub.com, United States, 2013. 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 usually download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1864 edition. Excerpt: .epithelium. Those of the tracheal cells are shown upon p. 152. Their motion is very remarkable when watched by the microscope; they wave usually towards orifices, and all bend at once, like corn when affected by the wind, sometimes they sweep round, like the feathering of an oar. A little powdered charcoal makes their movements more apparent. They move long after muscular motion has ceased; thus, the tracheal cilia of man have been seen to wave 7 days after death, and those of the oesophagus of the turtle 19 days, when the body was becoming putrid. Ciliary motion is best preserved by a uniform degree of moisture and temperature, and continues longest in blood--whereas bile checks it at once. It appears to be independent of muscular or nervous force, as it remains so long after their departure, and even upon one separated epithelial-cell; and...



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