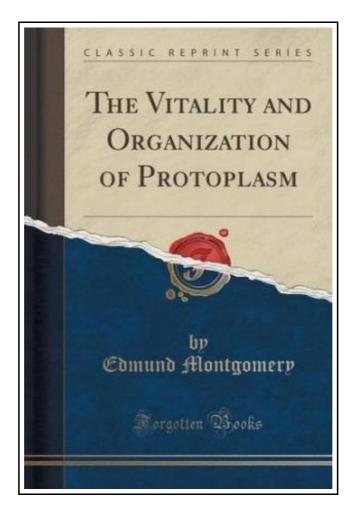
The Vitality and Organization of Protoplasm (Classic Reprint) (Paperback)



Filesize: 1.57 MB

Reviews

Complete information! Its such a great study. It is probably the most amazing book i have got study. Once you begin to read the book, it is extremely difficult to leave it before concluding. (Mr. Roger Luettgen III)

THE VITALITY AND ORGANIZATION OF PROTOPLASM (CLASSIC REPRINT) (PAPERBACK)



Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****. Excerpt from The Vitality and Organization of Protoplasm The problem to be here considered is that of vitality. The things we perceive consist of what is physically and chemically designated as matter. This irrespective of whatever theory may be formed regarding the real consistency of what is thus designated. In plants and animals this material substance is found to be alive. It manifests the peculiar phenomena that are called vital, and which essentially distinguish living beings from lifeless things. It is, therefore, above all, incumbent upon biology, as the science of life, to seek to ascertain the special conditions which give rise to the vital properties of the substance composing plants and animals. The explanation of vitality to be here advanced has been arrived at as the result of many years of observation devoted to the vital phenomena of primitive forms of life, such as the Protozoa. No general definition of life, such as philosophizing biologists have abundantly advanced, can here at all avail. Our insight into the process which are operative in the manifestation of vital phenomena, has nowise been furthered by any of these conceptual abstractions. But neither, it must be confessed, has biology, despite its minute investigations and diligent endeavors, as yet succeeded in disclosing the true nature of vitality. Guided by the cell-theory and purely mechanical principles, it has vainly searched for it in the minute structure, the intimate movements, and the chemical constitution of the single cells composing multicellular organisms; and quite especially in the striking occurrences accompanying their mitotic self-division. For, according to the cell-theory, complex organisms are made up of numberless autonomous vital units or elementary organisms, which multiply by...

- Read The Vitality and Organization of Protoplasm (Classic Reprint) (Paperback)
 Online
- Download PDF The Vitality and Organization of Protoplasm (Classic Reprint) (Paperback)

Related Kindle Books



The Sunday Kindergarten Game Gift and Story: A Manual for Use in the Sunday, Schools and in the Home (Classic Reprint) (Paperback)

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****. Excerpt from The Sunday Kindergarten Game Gift and Story: A Manual for...

Download ePub »



31 Moralistic Motivational Bedtime Short Stories for Kids: 1 Story Daily on Bedtime for 30 Days Which Are Full of Morals, Motivations Inspirations (Paperback)

Createspace, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****. Reading to children is a wonderful activity and past time that both parents...

Download ePub »



The Voyagers Series - Europe: A New Multi-Media Adventure Book 1 (Paperback)

Strength Through Communications, United States, 2011. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****. The Voyagers Series is a new multi-media, multi-disciplinary approach to teaching...

Download ePub »



To Thine Own Self (Paperback)

Dog Ear Publishing, United States, 2011. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****. Carefree and self assured Carolyn loves her life. Her uncle runs...

Download ePub »



Fart Book African Bean Fart Adventures in the Jungle: Short Stories with Moral (Paperback)

Createspace, United States, 2013. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****. Black White Illustration Version! BONUS - Includes FREE Dog Fart Audio Book for...

Download ePub »



The Flag-Raising (Dodo Press) (Paperback)

Dodo Press, United Kingdom, 2007. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****. Kate Douglas Wiggin, nee Smith (1856-1923) was an American children s author

Save ePub »



Penelope s Postscripts (Dodo Press) (Paperback)

Dodo Press, United Kingdom, 2007. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****. Kate Douglas Wiggin, nee Smith (1856-1923) was an American children s author

Save ePub »



The Clever Detective Boxed Set (a Fairy Tale Romance): Stories 1, 2 and 3 (Paperback)

Createspace, United States, 2012. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****. After six years as a private investigator, Stacey Alexander has the strangest day

Save ePub »



Bully, the Bullied, and the Not-So Innocent Bystander: From Preschool to High School and Beyond: Breaking the Cycle of Violence and Creating More Deeply Caring Communities (Paperback)

HarperCollins Publishers Inc, United States, 2016. Paperback. Book Condition: New. Reprint. 203 \times 135 mm. Language: English . Brand New Book. An international bestseller, Barbara Coloroso s groundbreaking and trusted guide on bullying-including cyberbullying-arms parents

Save ePub »



Homeschool Your Child for Free: More Than 1,400 Smart, Effective, and Practical Resources for Educating Your Family at Home (Paperback)

Random House USA Inc, United States, 2009. Paperback. Book Condition: New. 2nd. 229×185 mm. Language: English . Brand New Book. Provide a solid education at home without breaking the bank. Introduced in 2000,

Save ePub »