

**LIVING MATTER: ITS  
CYCLE OF  
GROWTH AND DECLINE  
IN ANIMAL ORGANISMS**

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Living Matter: Its Cycle of Growth and Decline in Animal Organisms by C. A. Stephens

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**C. A. STEPHENS**

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BY

*C. A. Stephens*  
C. A. STEPHENS.

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## CONTENTS.

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|--|----|
| I. OF MATTER UNIVERSALLY . . . . .   | 7  |
| II. LIVING MATTER, OR BIOGEN; INTRODUCTORY,  | 18 |
| III. LIVING MATTER; ITS METHOD OF DEVELOPMENT IN ANIMAL ORGANISMS . . . . .                                | 36 |
| IV. LIVING MATTER; THE RISE OF INTELLECT,  | 47 |
| V. LIVING MATTER; THE CAUSES OF THE DECLINE OF LIVING MATTER IN ANIMAL ORGANISMS; OLD AGE; DEATH . . . . . | 56 |
| VI. THE ARGUMENT THAT LIFE IS FROM A CONSTANT IN NATURE . . . . .  | 94 |

11-3-90

The results of this investigation, as outlined on the 2 following pages, will be published as rapidly as they can be derived from a scheme of observations already begun.

I hope to get out much of it, as scheduled, in the course of 10 years

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## PREFATORY NOTE.

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THE present small volume is a *résumé* of an extended investigation into the causes of "old age" and organic death. It is furthermore designed as an introduction to a number of handbooks treating of the re-vitalization of the human organism.

The initial steps of the investigation touching the material basis of life are noted, and also such deductions and conclusions as have seemed legitimately to result from what has been done.

To counteract "old age," and death as a resultant from aging, the first step has been to inquire what are the actual physical and physiological causes of these conditions, in order that the proper remedial agencies may be determined. To this inquiry, and the answer obtained to it, the following pages are devoted.

Other and later steps of the investigation look to the removal of the causes of old-aging and death, and involve special lines of research in, —

- I. The Intimate Life of the "cells" of living matter in young and old tissues, as observed under very high microscopic power.
- II. Self-Renewal; the renovation of the biogen, or living matter, of aging tissues, *in situ*.

- III. New creations of vital capacity in the human organism.
- IV. Vital Armor and Vital Re-enforcement.
- V. Inflammation as an agent of vital restoration.
- VI. The Instinctive Human Hope of Immortality; its physical basis and what it portends.
- VII. Sexual Economy; the utilization of the reproductive function for the regeneration of the parent organism.
- VIII. Living to Live; the conservation of surplus vital energy, with methods for its reversion to the organism.

The investigation is directed to a practical demonstration of these theorems in vital physics.

# LIVING MATTER:

ITS CYCLE OF GROWTH AND DECLINE IN ANIMAL ORGANISMS.

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## I.

### OF MATTER UNIVERSALLY.

OF the origin, intimate constitution, and destiny of universal matter we know nothing, as yet.

Condensed in suns, planets, and their satellites, we behold matter rotating in a rarefied ocean of itself, passing through great cycles of change in equally grand epochs of time. The greater globes glow fiercely, yielding light, heat, and electricity in enormous measures. The smaller globes display the same phenomena in minor degree, and, at certain periods of their growth, when influenced by the light, heat, and electricity of neighboring larger globes, bloom over their external surfaces with life. In other words, under certain quantitative conditions of aggregation, matter may become nebulously diffused in space; under other conditions, it may blaze and scintillate with solar splendor; and again, where the mass is such that heat is generated only up to certain low limits, and other globes shine kindly on it, it may live. As a mode of living, the surface of these moderately warm and externally lighted globes may swarm with forms and types of living things.

Looked at in the larger light, we are led to regard life as one of a series of phenomena, or "energies," which matter is capable of giving rise to. It now seems

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