Published by

THE RICE INSTITUTE

A university of liberal and technical learning founded by William Marsh Rice in the City of Houston, Texas, and dedicated by him to the advancement of Letters, Science, and Art
CONTENTS

VOLUME XI

No. 1. JANUARY, 1924

SEVERAL POPULAR LECTURES on scientific subjects delivered in the Physics Amphitheatre of the Rice Institute in the course of University Extension Lectures for the academic year 1923-24.

I. The Electrical View of Matter, by Harold A. Wilson, D.Sc. (London), F.R.S., Professor of Physics . . 1

II. Insulin in Discovery and Use, by Henry O. Nicholas, Ph.D. (Yale), Instructor in Chemistry . . . . 7

III. Animal Behavior and the Physiology of the Nervous System, by Edgar Altenburg, Ph.D. (Columbia), Assistant Professor of Biology . . . . . 29

IV. Civilization and the Motor Car, by Joseph H. Pound, M.E. (Missouri), Assistant Professor of Mechanical Engineering . . . . . . . . . . . . 48


VI. Some Applications of Sound, by Claude W. Heaps, Ph.D. (Princeton), Assistant Professor of Physics 95

VII. Priestley and the Discovery of Oxygen, by Harry B. Weiser, Ph.D. (Cornell), Professor of Chemistry . 118
CONTENTS—Continued

No. 2. APRIL, 1924

THREE STUDIES IN CRITICISM: Three lectures, the first and third of which were delivered at the Rice Institute by Louis Cazamian, Professor of English Literature at the University of Paris.

I. Psycho-Analysis and Literary Criticism 139
II. The Method of Discontinuity in Recent Art and Literature 154
III. The Possibilities of the Near Future in English Letters 168

No. 3. JULY, 1924

CHARACTER THROUGH A CAUSE—A sermon preached to the eighth graduating class of the Rice Institute, by Edward Scribner Ames, Associate Professor of Philosophy in the University of Chicago 181

SOME OBJECTIVES IN A COLLEGIATE TRAINING—An address delivered at the eighth commencement convocation of the Rice Institute, by Edgar Fahs Smith, formerly Provost of the University of Pennsylvania 196

BREAKING GROUND FOR THE NEW RICE LABORATORY FOR CHEMISTRY—Remarks made by Edgar Fahs Smith, formerly Provost of the University of Pennsylvania 206

TEXT OF A LETTER written by Dr. Joseph Priestley to Dr. Samuel Latham Mitchill, Member of Congress 210

THE PHILOSOPHY OF PEACE—A sermon preached to the ninth graduating class of the Rice Institute, by William States Jacobs, Pastor of the First Presbyterian Church, of Houston, Texas 212

SCIENCE AND CIVILIZATION—An address delivered at the ninth commencement convocation of the Rice Institute, by Charles William Dabney, formerly President of the University of Cincinnati 223
CONTENTS—Continued

No. 4. OCTOBER, 1924

THE OUTLOOK IN BIOLOGY—A course of three lectures delivered in the Physics Amphitheatre of the Rice Institute, September 29 and 30, and October 1, 1924, by Julian S. Huxley, Fellow of New College and Senior Demonstrator in Zoology, Oxford University, sometime Assistant Professor of Biology at the Rice Institute.

| I. Pure Biology               | 241 |
| II. Applied Biology           | 274 |
| III. Philosophical Biology: Science Destructive and Constructive | 308 |