

MODERN CULTURE;
ITS TRUE AIMS AND REQUIREMENTS.

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A SERIES OF ADDRESSES AND ARGUMENTS

ON

THE CLAIMS OF SCIENTIFIC EDUCATION

BY PROFESSORS TYNDALL, DAUBENY, HENFREY, HUXLEY, PAGET,
WHEWELL, FARADAY, DRAPER, MASSON, DE MORGAN, OWEN;
DRS. HODGSON, CARPENTER, HOOKER, ACLAND, FORBES, GROVE,
HERBERT SPENCER, SIR JOHN HERSCHEL, SIR CHARLES LYELL,
DR. SEGUIN, ETC.

EDITED BY

EDWARD L. YOUMANS, M.D.

London:

MACMILLAN AND CO.

1867.

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LONDON .
R. CLAY, SON, AND TAYLOR, PRINTERS,
BREAD STREET HILL.



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*Есть экземпляры
по числу*

PREFACE.

THE importance of giving a larger space to scientific studies in our educational courses is being, year by year, more felt and acknowledged. Deeper than questions of coal-supply or political reform is the question—What kind of culture shall the growing mind of the nation have? A conviction of this truth has led many of our most eminent thinkers to criticise the prevailing educational system, and to urge the claims of the various sciences to increasing consideration. Their opinions have generally been expressed in the form of lectures, essays, and incidental arguments, which are not convenient of access. A belief that it would be a useful service to collect the most important of these contributions in a permanent form, has led to the preparation of the present volume.

All the discussions contained in it, except that on the “Scientific Study of Human Nature,” have been published before; but most of them are out of print. Of the twenty-eight papers which make up the book, six—those of Tyndall, Daubeny, Paget, Hodgson, Faraday, and Whewell—were delivered, as parts of a course of Lectures, before the Royal Institution, and were published by Mr. Parker; but the edition quickly disap-

peared, and they have not been procurable for several years. The consent of the authors of all the Lectures (or their representatives) to this re-publication has been obtained; and most of the gentlemen have kindly revised their papers for this work.

Nearly all the contributions to the present volume have been made within the last dozen years, and several of them quite recently; so that they may be regarded as outgrowths and exponents of the present state of thought. A glance at the names will show that those have spoken who were entitled to speak, and each from his own point of view. Although the reader may miss, in this volume, the connexion and coherency of a systematic treatise on the subject by a single writer, yet he will find that each statement is a section of a comprehensive argument, which presents an attractive variety of treatment; while the stamp of various and powerful minds must give the general discussion far greater authority than the work of any one man, no matter how able, could possibly possess.

LONDON, *November*, 1866.