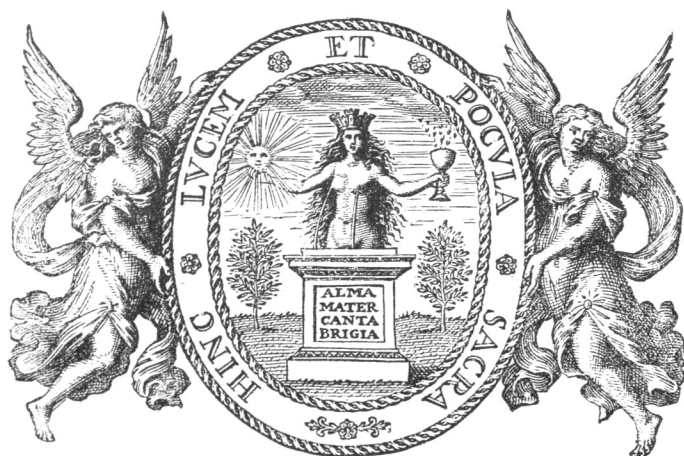


CAMBRIDGE UNIVERSITY
PRESS

BULLETIN



January MCMXIII

NOTES on new books and
journals published at the
Cambridge University Press,
Fetter Lane, London, E.C.
C. F. Clay: Manager

XXVIII

CONTENTS
OF
BULLETIN. No. XXVIII

| THEOLOGY | PAGE |
|---|--------|
| The Concept of Sin | 8 |
| The Epistle to the Romans (Greek Testament) | 10 |
| The Second Epistle of Peter and the Epistle of Jude (Greek Testament) | 10 |
| Cambridge Greek Testament for Schools and Colleges | 10, 27 |
| GREEK | |
| Plato: <i>Ion</i> | 10 |
| LATIN | |
| Caesar: Gallic War, Books IV and V | 24 |
| ENGLISH | |
| Key to the Exercises in <i>English Composition</i> | 10 |
| Key to West's Revised English Grammars | 24 |
| ENGLISH LITERATURE | |
| The Cambridge History of English Literature, Vol. IX | 9 |
| Dryden: The Preface to the <i>Fables</i> | 10 |
| Bacon's Essays | 26 |
| English Patriotic Poetry | 26 |
| English Poetry for the Young, 2 vols. | 26 |
| Scott: Kenilworth, A Legend of Montrose, Woodstock, Old Mortality | 26 |
| FRENCH | |
| Erickmann-Chatrian: <i>L'Invasion</i> | 10 |
| PHILOSOPHY | |
| The Problem of Evil in Plotinus | 8 |
| The Realm of Ends | 23 |
| THE FINE ARTS | |
| Byzantine and Romanesque Architecture | 6 |
| MUSIC | |
| Voice Training for Choirs and Schools | 11 |
| The Paragraph Psalter | 11 |
| Music on the Shakespearian Stage | 11 |
| HISTORY | |
| Lord Chatham and the Whig Opposition | 12 |
| The Early History of the House of Savoy | 12 |
| A Source Book of English History | 13 |
| LAW | |
| Roman Private Law | 13 |
| Cambridge University Law Tripes Papers | 24 |
| CAMBRIDGE MANUALS | 14 |

Continued on p. 3 of wrapper

The Genus Iris. By William Rickatson Dykes. With forty-seven coloured drawings by F. H. Round, one coloured plate of seeds by Miss R. M. Cardew and thirty line drawings by C. W. Johnson.

Demy Folio. pp. viii+246. With 48 coloured plates and 30 line drawings. Bound in Roxburgh—dark green leather back and green cloth sides—with lettering in gold and gilt top. Price £6. 6s. *od.* net.

Publishers' Note

The Genus Iris is the outcome of an attempt to bring together the available information on all the known species of *Iris*. The account of each begins with the references to it in botanical literature, followed by the references to the various synonyms under which it appears to have been described. A full description of the plant is then given, together with observations on its peculiarities, on its position in the genus, on its value as a garden plant and on its cultivation. These descriptions and notes are based for the most part on living plants, grown in the author's garden, where the majority have been raised from seed. Those species that are not known in cultivation have been described from herbarium specimens. As far as possible the type specimens of each species in the various herbarium collections have been examined and the account of the distribution of each species is based on the results of research in the herbaria of Kew, of the British Museum, of the Botanic Gardens of Oxford, Cambridge, Berlin, Paris, Vienna and St Petersburg and of the United States National Museum at Washington. The various specimens are recorded in detail with dates and the collectors' names. The most striking feature of the book is, perhaps, the inclusion of the **48 life-size coloured plates**, reproduced from originals drawn from living plants. In the text are inserted 30 line sketches of botanical details and of herbarium specimens of species that are unknown in cultivation. Keys are given to the division of the genus into sections and to the species assigned to each; a copious index is also appended.

THE GENUS IRIS—CONTINUED

Extract from the Preface

In publishing this book on Irises, I am fully aware that it is not yet possible to give a complete account of the Iris genus. This could only be done by one who had the leisure and the opportunity first of all to go to all the localities in which Irises have been found or in which new species are likely to exist, and then to grow all the species side by side and note their affinities and differences. Meanwhile, this book contains an attempt to put together the available facts and to indicate the gaps in our information. It is hoped that it may lead to the filling up of some of these gaps and to a more general appreciation of the various species of Iris. With regard to the arrangement of the species in groups, it seemed better to take together those plants which are obviously related to one another by their whole appearance, than to pick out some one character or set of characters and base on it an artificial grouping, which would bring together the most widely different species. This plan has made it impossible to give a really satisfactory *clavis* or key to the Apogon section, but it is hoped that the definitions of the characteristics of the various groups will be a sufficient guide in assigning an Iris to one or other of them.

CONTENTS

| | |
|---|---|
| Introduction. The Literature of the Iris. Bibliography | The Pogoniris Section |
| The structure, distribution and cultivation of the Iris | The Nepalensis Section |
| Iris diseases and their remedies | The Juno Section |
| Analytical key to the subdivisions of the genus | The Xiphium Section |
| The Apogon Section | The Reticulata Section |
| The Pardanthisis Section | The Gynandriris Section |
| The Evansia Section | Iris Hybrids |
| The Oncocyclus Section | Raising Irises from seed |
| The Regelia Section | Orris root |
| The Pseudoregelia Section | Unidentified specific names |
| | List of plants wrongly described as Irises. Index |

[A special prospectus of this book, together with a specimen coloured plate, will be forwarded on application]

Herbals: Their Origin and Evolution. *A Chapter in the History of Botany, 1470–1670.* By Agnes Arber (Mrs E. A. Newell Arber), D.Sc., F.L.S., Fellow of Newnham College, Cambridge, and of University College, London.

Royal 8vo. pp. xviii+254. With frontispiece, 21 plates, and 113 text-figures. Price 10s. 6d. net.

Extract from the Preface

The main object of the present book is to trace in outline the evolution of the *printed herbal* in Europe between the years 1470 and 1670, primarily from a botanical, and secondarily from an artistic standpoint.... The titles of the principal botanical works, which were published between 1470 and 1670, are given in Appendix I. The book is founded mainly upon a study of the herbals themselves.... I have also drawn freely upon the historical and critical literature dealing with the period under consideration, to which full references will be found in Appendix II.... The great majority of the illustrations are reproduced from photographs taken directly from the originals by Mr W. Tams of Cambridge, to whom I am greatly indebted.

CONTENTS

The Early History of Botany—The Earliest Printed Herbals (Fifteenth Century)—The Early History of the Herbal in England—The Botanical Renaissance of the Sixteenth and Seventeenth Centuries—The Evolution of the Art of Plant Description—The Evolution of Plant Classification—The Evolution of the Art of Botanical Illustration—The Doctrine of Signatures, and Astrological Botany—Conclusions—Appendix I—Appendix II—Index.

Globe.—Mrs Arber may rest assured that her fragrant volume will be cherished in many a quiet home, both for the sake of its subject and the fascinating manner in which she has treated it.... Mrs Arber has succeeded to a remarkable degree in retaining in the reader's mind that indefinable impression of sweetness and perfume which the title of her book brings with it.... Of the artistic aspect of the old herbals Mrs Arber has furnished abundant evidence in the liberal fashion in which she has illustrated her book with the woodcuts and plates taken straight from their pages.... No one will read it without yielding to the seductive charm which Mrs Arber has contrived so delicately to retain.

[*A special prospectus of this book, including a specimen plate, may be obtained from the publishers on application*]

*Makers of British Botany. A Collection of Biographies
by living botanists. Edited by F. W. Oliver.*

Demy 8vo. pp. viii + 332. With frontispiece, 26 plates and a text-figure.
Price 9s. net.

Publishers' Note

The present volume represents in somewhat expanded form a course of lectures arranged by the Board of Studies in Botany of the University of London and delivered during the early part of 1911 in the Botanical Department of University College, London. The ten lectures comprised in the course were delivered by various botanists, the lecturer in each case being either a worker in the same field as, or in some way having a special qualification to deal with, his allotted subject. The seventeen chapters forming the book include these lectures and seven additional chapters.

CONTENTS

Introduction—Robert Morison 1620–1683 and John Ray 1627–1705, by Sydney Howard Vines—Nehemiah Grew 1641–1712, by Agnes Arber—Stephen Hales 1677–1761, by Sir Francis Darwin—John Hill 1716–1775, by T. G. Hill—Robert Brown 1773–1858, by J. B. Farmer—Sir William Hooker 1785–1865, by F. O. Bower—John Stevens Henslow 1796–1861, by George Henslow—John Lindley 1799–1865, by Frederick Keeble—William Griffith 1810–1845, by W. H. Lang—Arthur Henfrey 1819–1859, by F. W. Oliver—William Henry Harvey 1811–1866, by R. Lloyd Praeger—Miles Joseph Berkeley 1803–1889, by George Masee—Sir Joseph Henry Gilbert 1817–1901, by W. B. Bottomley—William Crawford Williamson 1816–1895, by Dukinfield H. Scott—Harry Marshall Ward 1854–1906, by Sir William Thiselton-Dyer—A sketch of the Professors of Botany in Edinburgh from 1670 until 1887, by Isaac Bayley Balfour—Sir Joseph Dalton Hooker 1817–1911, by F. O. Bower—Index.

Aberdeen Journal.—No important aspect of the development of botanical science is omitted; systematic botany, anatomy, physiology, palaeobotany, nuclearcytology, and ecology are each given in proper historical setting, and the survey is both instructive and stimulating.... This is a book which experienced botanists will find not only of genuine interest, but full of suggestiveness with regard to the development of the science, as all good histories are. Further, it is a book to be highly commended to the attention of young botanists, who will not only find the history of their subject pleasantly told, but who will be made to feel the personal spell of those workers most of whose names they are already familiar with, and inspired to enthusiastic effort in their own field.

[*An illustrated prospectus of this book may be obtained on application to the publishers*]

The Story of our Trees : in Twenty-four Lessons.
By Margaret M. Gregson, B.A.

The Cambridge Nature Study Series. Large Crown 8vo. pp. xii+160.
With 75 illustrations. Price 2s. 6d. net.

Extract from the General Editor's Preface

This book is to help children to study Nature, not to put book study instead of Nature Study. The object of the book is to direct and stimulate both observation and reflection.

Many teachers have lately found in trees a convenient topic for lessons, one that can be pursued in town or country, summer or winter, indoors or out-of-doors. There may be other teachers who would gladly give their pupils some training in Nature Study, although they themselves do not pretend to have special knowledge. Such an acknowledgment of ignorance is itself a qualification for one who, an enquirer himself, would lead others to enquire....

Great pains have been taken in the revision of these chapters to fit them into the natural cycle of the seasons, which is now widely accepted as the best order for nature lessons, and is, indeed, the compulsory order if free use is to be made of fresh material. The supplies necessary for each lesson are clearly indicated. But the lessons have also been adapted (and this is a much more difficult adaptation) to the school year and, again, to the different years in use at different schools....

The serious enquiries now being made into National Afforestation show that we may have to enlist the sympathy of boys and girls in the planting and protection of new woodlands.... A chapter on Forestry and tree planting will, therefore, be welcome....

The lessons are adapted to classes where the ages range from 14 to 12 or even younger, that is to the higher standards of elementary schools, to preparatory schools, to the lower forms of secondary schools and especially to those who are taught privately at home.

Athenaeum.—It is a pleasure, among the worthless books published about nature study in its various branches, to come upon Mrs Margaret Gregson's 'Story of our Trees.' Her clear and exact work, and the excellent drawings and photographs by which it is profusely illustrated, should be of great use to the teacher, as well as the pupil.

Byzantine and Romanesque Architecture. By
Sir Thomas Graham Jackson, Bart., R.A., Hon. D.C.L.
Oxford, Hon. LL.D. Cambridge, Hon. Fellow of
Wadham College, Oxford, Associé de l'Académie Royale
de Belgique.

Crown 4to. In two volumes. Vol. I, pp. xx+274. Vol. II, pp. viii+286. With 165 plates, 4 of which are coloured, and 148 illustrations in the text, a large number being reproduced from the author's own drawings. Bound in cloth, with parchment back lettered and ornamented in gold, gilt top.

Price £2. 2s. od. net.

Extract from the Introduction

The modern artist still lies under the necessity of studying the art of the past. To shut our eyes to it, as some younger ardent spirits would have us do, would mean the extinction of all tradition, and with it of art itself. For all art, and all science, is based on inherited knowledge, and every step onward is made from the last vantage won by those who have gone before us and shown the way.... It will therefore be the object of the following pages not merely to describe but to try and explain the development of architecture from style to style since the decline of classic art in the 3rd and 4th centuries of our era, down to the dawn of Gothic architecture, by connecting its constructive details and outward features with those social reasons which served to mould them into the forms we know. From this point of view it is important to compare the rate of progress of the new art in different countries: to mark not only the main current of the movement, but the irregular and unequal advances by which it pushed its way in each instance. For though the general set of the movement was all in one direction it advanced much faster in some places than in others, and in each country it took a distinctive national character. For this purpose the comparative and parallel tables of examples at the end of the book will I hope be found useful. It is important too to observe the continuity of architectural history; how one style gave birth to another; for no new style was ever invented, but always grew out of an older one; how this progression from style to style was always unintentional and unconscious: and how revival after depression always began by the attempt to revive an older art, with the result that when art did revive it was always something new, for no dead art was ever made to live again, or ever will be.

BYZANTINE AND ROMANESQUE ARCHITECTURE—CONTINUED

CONTENTS OF VOLUME I

| CHAP. | |
|-------|---|
| | Preface. Introduction |
| I | Roman architecture |
| II | Decay of Roman architecture. Foundation of Constantinople. The Basilican plan |
| III | Greek element in the new style. Asiatic influences. Syrian architecture. The Byzantine dome. Abandonment of the Classic Orders. Avoidance of figure sculpture |
| IV | The Greek church. Marble and Mosaic. The Pulvino. Capitals |
| V | Constantinople. The walls and Porta Aurea. Salonica |
| VI | S. Sophia, Constantinople |
| VII | Justinian's other churches |
| VIII | Iconoclasm |
| IX | Later Byzantine architecture |
| X | Italo-Byzantine architecture. The first or pre-Gothic period |
| XI | Italo-Byzantine architecture. The second or Gothic period |
| XII | Italo-Byzantine architecture. The third period under the Exarchate |
| XIII | Rome |
| XIV | The Lombards. Architectural bathos and revival. Rupture between Rome and Constantinople |
| XV | Venice |
| XVI | Pisa. Florence. Lucca |
| XVII | Lombardy |

CONTENTS OF VOLUME II

| | |
|--------|---|
| XVIII | German Romanesque |
| XIX | French Romanesque. Aquitaine and Poitou |
| XX | French Romanesque. Provence |
| XXI | French Romanesque. Toulouse |
| XXII | French Romanesque. Burgundy |
| XXIII | French Romanesque. Auvergne |
| XXIV | French Romanesque. Normandy |
| XXV | French Romanesque. The Isle of France |
| XXVI | English Romanesque before the Norman conquest |
| XXVII | English Romanesque after the Norman conquest |
| XXVIII | English Romanesque after the Norman conquest (<i>cont.</i>) |
| XXIX | Conclusion |
| | Chronological tables of architectural examples. Index |

[*A special 8 pp. prospectus, with specimen pages and plates, will
be forwarded on application to the publishers*]

***The Concept of Sin.* By F. R. Tennant, D.D., B.Sc.,
Author of *The Origin and Propagation of Sin and of
The Sources of the Doctrines of the Fall and Original Sin.***

Crown 8vo. pp. viii+282. Price 4s. 6d. net.

Methodist Times.—Dr Tennant's new book is accurately described in the title. It is not a formal discussion of sin as one of the main topics of Christian theology, but an attempt to find such a concept of sin as will give an adequate interpretation to facts admitted by all. The definition of sin which is thus arrived at eventually is that it is "moral imperfection for which an agent is, in the sight of God, accountable" (page 245). This concept, it is claimed, is logically perfect, and the only one which can fully satisfy the implications of the most fundamental of Christian doctrines. In addition, it is unimpregnable by psychology, ethics (in the stricter sense), science and history. Not the least interesting and valuable parts of Dr Tennant's work are those in which he examines sin in relation to ignorance, temptation and guilt. If anyone wishes to realise how tremendous a fact sin is, how hard to defeat, how impossible to ignore, and yet how certainly not the ultimate fact in the universe, he cannot do better than study Dr Tennant.

The Northern Whig.—Dr Tennant has read widely on the subject of this volume. But he has done more. He has thought deeply; and it is the utterance of this study that he has given in his book. The volume is a judicious presentation of the subject, which does not make light of transgression, and at the same time clears away many of the ambiguities which frequently attach to terminology relating to sin.

***The Problem of Evil in Plotinus.* By B. A. G. Fuller,
sometime Instructor in Philosophy at Harvard University.**

Crown 8vo. pp. xx+336. Price 7s. 6d. net.

Publishers' Note

In this book the author makes an exhaustive criticism of the way in which one of the central problems of philosophy was treated by the most famous of the Neo-Platonists, and concludes that Plotinus, in spite of the wealth and ingenuity of his argument, never really escapes from the traditional dilemma—"either God is not justified or Evil is not explained."

Aberdeen Free Press.—This is a work of quite unusual significance. The author has called it "The Problem of Evil in Plotinus." It might as well have been called "A study of the problem of evil in general, with special reference to Plotinus."...Having stated the attempted solutions of the problem, the author proceeds to a review of the history of the development of the problem of evil in the history of Greek philosophy. The review is brief, but it may be characterised as a most lucid and competent bit of work...then there is a chapter presenting some general aspects of the Plotinian system...[followed by] chapters on metaphysical evil, on physical and moral evil, on matter as the principle of evil, and on the theory of emanation....On the whole we have not read for a long time a more satisfactory book on a philosophical problem, nor one which indicates a more masterly grasp of the evolution of philosophical thought, nor one which shows a higher power of masterly criticism.

Cambridge History of English Literature: Volume IX. From Steele and Addison to Pope and Swift. Edited by A. W. Ward, Litt.D., P.B.A., Master of Peterhouse, and A. R. Waller, M.A., Peterhouse.

Royal 8vo. pp. xvi+610. Price, in Buckram, 9s. net; in Half-Morocco, 15s. net.

CONTENTS

CHAP.

- I Defoe—The Newspaper and the Novel. By Professor W. P. Trent, LL.D., D.C.L.
- II Steele and Addison. By Harold Routh, M.A.
- III Pope. By Professor Edward Bensly, M.A.
- IV Swift. By George Atherton Aitken, M.V.O.
- V Arbuthnot and Lesser Prose Writers. By G. A. Aitken, M.V.O.
- VI Lesser Verse Writers. I. By Thomas Seccombe, M.A. II. By Professor George Saintsbury, LL.D., D.Litt., F.B.A.
- VII Historical and Political Writers. I. Burnet. By A. W. Ward, Litt.D., P.B.A.
- VIII Historical and Political Writers. II. Bolingbroke. By A. W. Ward, Litt.D., P.B.A.
- IX Memoir-Writers, 1715–60. By Thomas Seccombe, M.A.
- X Writers of Burlesque and Translators. By Charles Whibley, M.A.
- XI Berkeley and Contemporary Philosophy. By Professor W. R. Sorley, Litt.D., F.B.A.
- XII William Law and the Mystics. By Caroline F. E. Spurgeon
- XIII Scholars and Antiquaries. I. Bentley and Classical Scholarship. By James Duff Duff, M.A. II. Antiquaries. By H. G. Aldis, M.A.
- XIV Scottish Popular Poetry before Burns. By T. F. Henderson
- XV Education. By Professor J. W. Adamson
- Bibliographies. Table of Principal Dates. Index of Names

Standard.—Quite one of the most interesting periods in the entire annals of English Letters comes into view in the present volume—the ninth of an admirable series. We are confronted with the growth of the newspaper and the novel, the essay raised to the height of a classic, the extension of University learning with its outcome in history and philosophy, and much else that is significant. . . . The literary vigour and critical discrimination which marks almost the whole of the present survey is a matter for congratulation.

Plato: Ion. Edited, with introduction and notes, by J. M. Macgregor, B.A., late Senior Exhibitioner, Balliol College, Oxford, Reader in Greek in the University of London.

Pitt Press Series. Extra fcap. 8vo. pp. xxiv+46. Price 2s.

Athenaeum.—Shorter and easier than most of the Platonic dialogues, the "Ion" is suitable for young students, and this edition, well equipped with preface and notes, will form a good introduction to Plato.

Dryden: The Preface to the Fables. Edited by W. H. Williams, M.A., Professor of Classics and English Literature in the University of Tasmania.

English Literature for Schools. Extra fcap. 8vo. pp. xii+36. Price 10d.

Key to the Exercises in English Composition. By W. Murison, M.A., Senior English Master, Aberdeen Grammar School.

Crown 8vo. pp. vi+172. Price 4s. 6d. net.

Erckmann-Chatrion: L'Invasion ou Le Fou Yégof. Edited, with notes and vocabulary, by A. Wilson-Green, M.A., Senior French Master at Radley College.

Pitt Press Series. Extra fcap. 8vo. pp. x+344. Price 3s.

Cambridge Greek Testament for Schools and Colleges. General Editor: R. St John Parry, D.D., Fellow of Trinity College, Cambridge.

Extra fcap. 8vo. With introductions, and notes in English.

The Epistle of Paul the Apostle to the Romans. Edited by R. St John Parry, D.D. pp. l+244. Price 3s. 6d. net.

The Second Epistle General of Peter and the General Epistle of Jude. Edited by M. R. James, Litt.D., Provost of King's College, Cambridge. pp. lx+46. Price 2s. 6d. net.

The Paragraph Psalter arranged for the use of Choirs. By Brooke Foss Westcott, D.D., D.C.L.
Revised and edited by A. H. Mann, M.A., Mus.D. Oxon.

Pott 8vo. pp. xx+276. Bound in red cloth, 1s.; in leather, 1s. 6d.
Demy 8vo. pp. xx+312. Bound in red cloth, 5s.

This revised edition of the Paragraph Psalter contains a number of new features which have been introduced in order to adapt it more fully to the needs of choirs, and it is the sincere hope of the Reviser that it will prove helpful to the better rendering of the Psalms.

Voice Training for Choirs and Schools. By C. B. Rootham, M.A., Mus.D., Organist and Choirmaster, St John's College, Cambridge.

Fcap. 4to. pp. xlvi+110. With 83 Exercises. Price 4s. net. The Exercises are also published separately for the use of pupils. Price 1s. 6d. net.

Extract from the Preface

This little work is an amplification of a paper on Choir-Boy Training read by invitation before the International Congress of Musicians in London (May, 1911). Since that occasion I have received from several different quarters requests that my paper should appear in book form. After I had decided to respond to these expressions of good-will, it was suggested to me that the project might be extended to meet the requirements of singing-classes in schools, whether of boys or girls. Hence the present form and scope of the work.

Music on the Shakespearian Stage. By G. H. Cowling.

Crown 8vo. pp. viii+116. With a frontispiece and 10 plates. Price 4s. net

Extract from the Introduction

The following Essay...is an endeavour to do with the musical stage-directions what has already been done with those relating to other matters, namely, to collect them, and to force them to show their own conclusions. It endeavours to show what kinds of music were used during a play, and when and how the music was performed...It concludes by attempting to estimate critically the artistic worth of music to the stage.

Lord Chatham and the Whig Opposition. By
D. A. Winstanley, M.A., Fellow and Lecturer of Trinity
College, Cambridge.

Demy 8vo. pp. x+460. With a frontispiece. Price 7s. 6a. net.

Extract from the Preface

Many are the accusations which can be brought against the period which lies between the formation of Chatham's ministry in July 1766 and the collapse of the whig opposition to Lord North in the summer of 1771; but it can scarcely be accused of lacking in either interest or importance. Within those few years the destinies of the nation were determined and the work of the Revolution nullified.

Spectator.—Mr Winstanley has used his MSS. authorities judiciously and skilfully, and he steers his way with ease among the tortuous intrigues of the period. He is a spirited and graceful writer, and we shall welcome from him further studies in eighteenth-century politics....It is a fascinating and most interesting piece of political history, and Mr Winstanley's book is well worth the study of everyone who cares to watch the slow and difficult growth of our constitutional forms.

The Early History of the House of Savoy, 1000–1233.
By C. W. Previté-Orton, M.A., Fellow of St John's
College, Cambridge.

Demy 8vo. pp. xx+492. With 2 maps in pocket. Price 12s. 6d. net.

Extract from the Preface

The following pages contain a study on the history of the House of Savoy until the year 1233. Although many works on portions or on aspects of this period have been written, and though it has formed a part of more than one history with wider scope, such as Cibrario's *Storia della Monarchia di Savoia*, yet there seemed to be room for a new investigation, which should at one and the same time treat the subject with a full discussion of its details and with a comprehensive view of the period as a whole....I have taken as my model in a general way the *Jahrbücher* on the Holy Roman Emperors. That is, I have gone plainly on, discussing events and problems as the times brought them to light and endeavouring to be complete and omit nothing....There will be found in the notes all the important passages of narrative or legal nature on which the text is founded, not merely references to them.

A Source Book of English History for the use of Schools. Edited by Arthur D. Innes, M.A., formerly Scholar of Oriel College, Oxford. Volume I, 597–1603 A.D.

Large Crown 8vo. pp. viii+384. With 31 illustrations. Price 4s. 6d.

Extract from the Editor's Note

A series of extracts taken entirely from the work of contemporary writers. It is intended for use in schools, and its primary purpose is to attract the interest of the student by presenting history to him as it presented itself to the men of the time.

The matter chosen has been such as will appeal to the imagination—narratives of striking events in prose and verse, portraits, passages illustrative of life and manners, and so on.

The extracts are illustrated throughout by reproductions of authentic portraits, by illustrations taken from old mss., and by photographs of historic scenes.

[Volume II is in the press]

Elementary Principles of the Roman Private Law.

By W. W. Buckland, M.A., Fellow and Tutor of Gonville and Caius College, Cambridge.

Demy 8vo. pp. viii+420. Price 10s. 6d. net.

Extract from the Preface

The following pages form a running commentary on the Institutes of Gaius and those of Justinian, designed especially for students who have read their Institutes but little more. The aim of the writer has been throughout to discuss institutions rather than to state rules, to suggest and stimulate rather than to inform. Considerations of space have made selection necessary...but an attempt has been made to bring home to the student the fact that the Roman Law is not merely a set of rules on paper, a literary product, but a group of institutions under which the Romans actually lived.

Journal of Education.—It is an excellent book for putting students upon inquiry; it is suggestive and stimulating throughout. It is a scholarly and incisive criticism and exposition. It will be valuable to students that are able to read it before their first degree examinations, and to those that wish to continue their Roman Law studies to the point where such studies begin to bear profitable fruit.

CAMBRIDGE MANUALS OF SCIENCE AND LITERATURE

Editors: P. GILES, Litt.D., Master of Emmanuel College
A. C. SEWARD, M.A., F.R.S., Professor of Botany
in the University of Cambridge

Price: 1s. net in cloth; 2s. 6d. net in lambskin.

The following volumes will be ready shortly:—

- The Modern Warship.* By E. L. Attwood.
Ancient Babylonia. By Rev. C. H. W. Johns, Litt.D.
The Vikings. By Prof. Allen Mawer, M.A.
The Icelandic Sagas. By W. A. Craigie, LL.D.
Ancient Stained and Painted Glass. By F. S. Eden.
Comparative Religion. By Prof. F. B. Jevons, Litt.D.
The Earth. By Prof. J. H. Poynting, F.R.S.
The Atmosphere. By A. J. Berry, M.A.
The Physical Basis of Music. By A. Wood, M.A.
The Story of a Loaf of Bread. By Prof. T. B. Wood, M.A.

The following volumes have already been published:—

History and Archaeology.

- Ancient Assyria.* By Rev. C. H. W. Johns, Litt.D.
A History of Civilisation in Palestine. By Prof. R. A. S. Macalister, F.S.A.
China and the Manchus. By Prof. H. A. Giles, LL.D.
The Civilization of Ancient Mexico. By Lewis Spence.
New Zealand. By the Hon. Sir Robert Stout, K.C.M.G., LL.D., and J. Logan Stout, LL.B. (N.Z.).
The Ground Plan of the English Parish Church. By A. Hamilton Thompson, M.A., F.S.A.
The Historical Growth of the English Parish Church. By A. Hamilton Thompson, M.A., F.S.A.
Brasses. By J. S. M. Ward, F.R.Hist.S.

Literary History.

- Early Religious Poetry of the Hebrews.* By the Rev. E. G. King, D.D.
Early Religious Poetry of Persia. By the Rev. Prof. J. H. Moulton, D.D.
The History of the English Bible. By the Rev. John Brown, D.D.
English Dialects from the Eighth Century to the Present Day. By the Rev. Prof. W. W. Skeat, Litt.D., D.C.L., F.B.A.
King Arthur in History and Legend. By Prof. W. Lewis Jones, M.A.
Greek Tragedy. By J. T. Sheppard, M.A.
The Ballad in Literature. By T. F. Henderson.
Goethe and the Twentieth Century. By Prof. J. G. Robertson, Ph.D.
The Troubadours. By the Rev. H. J. Chaytor, M.A.

Philosophy and Religion.

The Idea of God in Early Religions. By Dr F. B. Jevons.

The Moral Life and Moral Worth. By Prof. W. R. Sorley, Litt.D., F.B.A.

The English Puritans. By the Rev. John Brown, D.D.

An Historical Account of the Rise and Development of Presbyterianism in Scotland. By the Rt Hon. the Lord Balfour of Burleigh, K.T., G.C.M.G.

Methodism. By Rev. H. B. Workman, D.Lit.

Education.

Life in the Medieval University. By R. S. Rait, M.A.

Economics.

Cash and Credit. By D. A. Barker, I.C.S.

Law.

The Administration of Justice in Criminal Matters (in England and Wales). By G. Glover Alexander, M.A., LL.M.

Biology.

The Coming of Evolution. By Prof. J. W. Judd, C.B., F.R.S.

Heredity in the Light of Recent Research. By L. Doncaster, M.A.

Primitive Animals. By Geoffrey Smith, M.A.

The Individual in the Animal Kingdom. By Julian S. Huxley, B.A.

Life in the Sea. By James Johnstone, B.Sc.

The Migration of Birds. By T. A. Coward.

Spiders. By Cecil Warburton, M.A.

House Flies and how they spread Disease. By C. G. Hewitt, D.Sc.

Earthworms and their Allies. By F. E. Beddard, M.A., F.R.S.

Anthropology.

The Wanderings of Peoples. By Dr A. C. Haddon, F.R.S.

Prehistoric Man. By Dr W. L. H. Duckworth.

Geology.

Rocks and their Origins. By Prof. Grenville A. J. Cole.

The Work of Rain and Rivers. By Prof. T. G. Bonney, Sc.D., F.R.S.

The Natural History of Coal. By Dr E. A. Newell Arber.

The Natural History of Clay. By Alfred B. Searle.

The Origin of Earthquakes. By Charles Davison, Sc.D., F.G.S.

Botany.

Plant-Animals: a Study in Symbiosis By Prof. F. W. Keeble, Sc.D.

Plant-Life on Land. By Prof. F. O. Bower, Sc.D., F.R.S.

Links with the Past in the Plant-World. By Prof. A. C. Seward.

Psychology.

An Introduction to Experimental Psychology. By Dr C. S. Myers.

The Psychology of Insanity. By Bernard Hart, M.D.

Industrial and Mechanical Science.

The Modern Locomotive. By C. Edgar Allen, A.M.I.Mech.E.

Aerial Locomotion. By E. H. Harper, M.A., and Allan E. Ferguson, B.Sc.

Electricity in Locomotion. By A. G. Whyte, B.Sc.

Brewing. By A. C. Chapman, F.I.C.

Royal Society of London Catalogue of Scientific Papers, 1800–1900: Subject Index Volume III, Physics, Part I—Generalities, Heat, Light, Sound. Arranged for a committee of the Royal Society under the superintendence of Herbert M^cLeod, LL.D., F.R.S., Director of the Catalogue; with the assistance of Alice Everett, M.A., R. Hargreaves, M.A., and W. Marshall Watts, D.Sc.

Royal 8vo. pp. c+550+VIII. Price in Buckram, gilt top, 18s. net;
in Half-Pigskin, gilt top, 24s. net.

Extract from the Preface

The present volume deals with the papers on Physics, as classified in the schedule of the International Catalogue of Scientific Literature. As it was found that the number of entries in this subject was too large for a single volume, the Committee decided that it should be published in two Parts, the first volume containing the entries classed under Generalities, Heat, Light and Sound, and the second those on Electricity and Magnetism. Part I contains 33344 entries relating to the papers contained in 1261 serial publications.... The Index titles were prepared in the same manner as those for Volumes I and II. Papers published from 1884 to 1900 inclusive were consulted by Referees familiar with the subjects, so that the Index titles were made from the contents of the papers and not merely from the headings. For the years from 1800 to 1883, it had been intended that the Index entries should be made from the titles in the published twelve volumes of the Catalogue arranged according to authors' names; but it has been found necessary in a large number of cases to refer to the original papers, as the headings of the papers were not sufficiently definite to enable the Referees to classify the contents.... The subjects are arranged under the registration numbers adopted in the International Catalogue of Scientific Literature; a copy of Schedule C (Physics) of that Catalogue, as revised in 1905, is prefixed to the Index, with indication of the pages on which the titles for the different sections occur.... At the end of the volume will be found an alphabetical index to the subdivisions under which the subject titles have been arranged; this will much facilitate reference.

Radioactive Substances and Their Radiations.
By E. Rutherford, D.Sc., Ph.D., LL.D., F.R.S., Nobel
Laureate, Langworthy Professor of Physics, University
of Manchester.

Demy 8vo. pp. viii+700. With 134 figures. Price 15s. net.

Extract from the Preface

In 1904 I published through the Cambridge University Press a collected account of radio-active phenomena entitled *Radio-activity*. This was followed a year later by a revised and enlarged edition. In the seven years that have elapsed since the latter publication there has been a steady and rapid growth of our knowledge of the properties of the radiations from active substances, and of the remarkable series of transformations that occur in them. In the present work I have endeavoured to give an accurate and concise account of the whole subject as it stands to-day within the compass of a single volume. A few pages from the earlier book have been utilised, but, otherwise, the present volume is an entirely new work.

Reports of the Cambridge Anthropological Expedition to Torres Straits. By the members of the Expedition. Edited by Alfred C. Haddon, Sc.D., F.R.S., Fellow of Christ's College and University Lecturer in Ethnology. Vol. IV. Arts and Crafts.

Demy 4to. pp. xxiv+394. With 320 figures in the text, 40 plates, and a map. Price 25s. net.

CONTENTS

Introduction and Daily Life, by A. C. Haddon—*Decoration of the Person and Toilet*, by A. C. Haddon—*Personal Ornaments and Clothing*, by A. C. Haddon—*Textiles*, by A. Hingston Quiggin—*Houses*, by A. Wilkin and A. C. Haddon—*Domestic Utensils and Tools*, by A. C. Haddon—*Food and Its Preparation, and Narcotics*, by A. C. Haddon—*Horticulture*, by A. C. Haddon—*Hunting and Fishing*, by A. C. Haddon—*Weapons and Objects Employed in Warfare*, by A. C. Haddon—*Transport and Canoes*, by A. C. Haddon—*Science*, by A. C. Haddon, including *Astronomy* by W. H. R. Rivers and a *Calendar* by S. H. Ray—*Music*, by C. S. Myers—*Sound-Producing Instruments*, by A. C. Haddon—*Songs*, by A. C. Haddon—*Dances and Dance Paraphernalia*, by A. C. Haddon—*Greetings, Salutations, and Various Social Customs*, by S. H. Ray, A. C. Haddon and J. Bruce—*Games and Toys*, by A. C. Haddon—*Decorative, Pictorial and Glyptic Art*, by A. C. Haddon.

Map Projections. By Arthur R. Hinks, M.A., Chief Assistant, Cambridge Observatory, and University Lecturer in Surveying and Cartography.

Demy 8vo. pp. xii+126. With a frontispiece and 19 figures. Price 5s. net.

Extract from the Preface

In writing a book on Map Projections, the usual course has been to present the general mathematical theory first, and to discuss the practical questions involved at a later stage. The result is that the geographer sometimes finds himself unable to follow the bearing of the mathematics, and arrives at the consideration of the practical side of the subject in a very unformed state of mind. I propose to adopt the principle of a very distinguished topographer, that in a book on Map Projections intended for the mapmaker and the map user, "one should draw the line at the root of minus one."...

There are some thirty map projections of importance, of which about half are in more or less general use. All of them have certain valuable properties, and equally serious defects. It is important to have a clear graphical or numerical idea of the merits and defects of each; to be able to decide at once on its suitability for a given map; or when one finds it actually employed on a map, to recognise what a map so constructed will do, and what it will not do.

I shall try in this book to make clear the relations between the various projections; the extent to which they possess the qualifications which a good map projection should possess; the methods by which they can be constructed; and the way in which maps so constructed can be used. The last matter is of considerable present importance. Relatively few people have to make maps, but very many have to use them.

Scotsman.—There are many people who, without being profound mathematicians, have to make maps. There are more still who have to use them, and it is the needs of these two classes that Mr Arthur R. Hinks has chiefly considered....As a thoroughly practical manual of its subject, the book should be of great service to all who are concerned with the making and use of maps. It is clear, compact, and well ordered.

[A special prospectus of this book will be forwarded on application]

The Tribes of Northern and Central Kordofán.
By H. A. MacMichael, Sudan Civil Service, late Scholar
of Magdalene College, Cambridge.

Cambridge Archaeological and Ethnological Series. Demy 8vo. pp. xvi + 260.
With 19 plates and a map in pocket. Price 10s. 6d. net.

Extract from the Preface

My aim has been to describe, however imperfect may be the result, the antecedents of the tribes at present inhabiting the province in so far as any information upon the subject can be gleaned from extraneous sources or from current native tradition. At the same time, while as a general rule planning to omit minute descriptions of people and places, and avoiding discussion of current questions, whether political or commercial, I have found it advisable to make occasional exceptions where understanding of the conditions of the past and the links connecting it with the present would have been impaired by such unnecessary limitation in the scope of the work....Of the present condition of affairs it is sufficient to say that the greatest need of Kordofán is an increased agricultural and industrial population. Its revenue is consistently and considerably in excess of its expenditure, thanks to the wealth, still largely undeveloped, of its extensive gum forests. At present the less productive or more expensive provinces of the Anglo-Egyptian Sudan swallow the surplus provided by Kordofán; but when they become self-supporting Kordofán will be able amply to justify a more generous expenditure upon its own necessities of the funds that it supplies. Though irrigated by no river, its natural resources are not inconsiderable. Cattle and sheep in immense numbers can be reared, and the wells can be greatly increased in number and improved: huge areas can be placed under cultivation by corn, sesame, ground nuts, "senát," and similar products: the trade in ostrich-feathers, which is already considerable, would offer no mean prospects if adequately organised and controlled under expert management; and the gum forests are capable of almost indefinite development. Hitherto the expense of transport to the river has been a serious drawback but in January 1912 the railway reached El Obeid, and the effect of the changed conditions is already apparent.

The Duab of Turkestan. A Physiographic Sketch and Account of Some Travels. By W. Rickmer Rickmers.

Large Royal 8vo. pp. xvi + 564. With 37 maps and diagrams, and 170 illustrations. Price 30s. net.

Publishers' Note

In this book the author has attempted to combine a record of exploration with the teaching of a little elementary physiography. Mr Rickmers has specially devoted himself to the exploration of a little-known region, viz. the wide mountain expanse of the Alai-Pamirs or Upper Bokhara. But the scope of his work also includes the more familiar portions of Russian Turkestan, such as Ferghana, Samarkand, the Sea of Aral, as well as the great steppes and deserts. These various geographic elements are grouped together in the natural organic system of the Duab of Turkestan (or Land between the two Rivers) between Oxus and Jaxartes. This part of Asia is conceived in the light of a grand physical individual under the uniform sway of pronounced topographical and climatic conditions. The action and interaction of natural forces, the battles between the mountains and the plains, between moisture and dryness, and their influence upon organic life, humanity and history are described under the guidance of a fundamental theme. Everywhere the connections between the parts and their relation to the whole are kept in mind.

Apart from a few systematic introductory chapters the information is strung upon the thread of an interesting story of travel and mountain exploration. The author has endeavoured to make the contents as varied as possible without detracting from the serious treatment of geographical problems. Thus the necessary explanations are relieved by descriptions of sport and landscape, scenes of native life, humorous side-lights and a few adventures.

The more theoretical questions are treated in an appendix chiefly concerned with climate in its relations to the features of the country, snow line, forest, glaciation, desiccation, loess and desert, winding up with an inquiry into climate as cause and effect. Here the author has laid down some theories of his own, the most important of which grapples with the great problem of the desiccation of Central Asia.

THE DUAB OF TURKESTAN—CONTINUED

Instructions on the pronunciation and the spelling and meaning of native names, a scientific glossary, a bibliographical list, and classified as well as alphabetical indexes meet all the reader's needs. During his travels Mr Rickmers has taken the greatest trouble in securing instructive photographs and panoramas, aiming less at beautiful pictures than at typical views of physical features such as mountains, deserts, valleys, meanders, glaciers, moraines, mudspates, and also vegetation, cultivation, village life, architecture, and so on. The publishers have spared no effort in reproducing these illustrations to the best advantage. Many diagrams help towards a better understanding of the text.

The book is suitable for all students and teachers of physical geography and natural science; and it is hoped that it will appeal to everyone interested in geography in general, and Middle Asia in particular.

CONTENTS

| CHAP. | |
|-----------|--|
| I | The Duab of Turkestan |
| II | The Physical Features of the Duab |
| III | The Zarafshan |
| IV | A Visit to Makhan-Kul |
| V | Bokhara and the Road to Karshi |
| VI | Samarkand |
| VII | The Ascent of Kemkutan |
| VIII | A Trip to the Mountains of Urgut |
| IX | From Samarkand to Varziminar |
| X | From Varziminar to the Zarafshan Glacier |
| XI | The Zarafshan Glacier |
| XII | To the Mountains of the Fan |
| XIII | To Garm and the Mountains of Peter the Great |
| XIV | Tupchek and the Ascent of Great Achik |
| XV | The Glaciers and Moraines of Tupchek |
| XVI | To Kalaikhumb and the Yakhsu Conglomerates |
| XVII | The Oxus Jungles, Baljuan, Karatagh |
| XVIII | From Karatagh to Samarkand |
| Appendix: | Review—Climate—Forest and Climate—Snow line—Glaciation—Desiccation—Sand and Loess—Climate as Cause and Effect—Spelling and Pronunciation—Native Words—Scientific Glossary—Literature |
| Index: | I. Subject Index.—II. Alphabetical Index |
| | List of Unpublished Photographs |

[A special 8 pp. prospectus, with specimen pages and illustrations, will be forwarded on application]

A History of Geographical Discovery in the Seventeenth and Eighteenth Centuries. By Edward Heawood, M.A., Librarian to the Royal Geographical Society.

Cambridge Geographical Series. Crown 8vo. With 59 illustrations.
pp. xii + 476. Price 12s. 6d. net.

Extract from the Preface

While the main episodes have formed the theme of many and competent writers, few attempts have been made to present such a connected view of the whole course of Geographical Discovery within the limits here adopted as might bring out the precise position occupied by each separate achievement in relation to the general advance of knowledge. It is this task which has been attempted in the present volume. The reasons which give a certain unity to the period are discussed in the following pages, but it may be briefly characterised here as that in which, after the decline of Spain and Portugal, the main outlines of the World-map were completed by their successors among the nations of Europe.

Westminster Gazette. A brilliant essay in co-ordinating the history of discovery during the two centuries which saw the most heroic work, the spadework that followed the glitter and excitement of "The Age of Great Discoveries." During the early part of the period of which the Librarian of the Royal Geographical Society treats the brave struggle to discover the North-West Passage naturally looms largest. The North-East Passage claimed Hudson for its victim. But far more fruitful and not less heroic was the commercial struggle between the Dutch and the English for the Eastern trade. Geographical discovery for its own sake had not yet begun. It was in commercial interests that Tasman first revealed the Australian world. Then came the age of Buccaneers with their thorough knowledge of a circumscribed sphere, yet with one more famous name—William Dampier. It was not however until the eighteenth century that expeditions of geographical discovery *per se* began...Cook in the South Seas, the Russian Scientists in Siberia, despatched to observe the Transit of Venus, accomplished between them the most important exploration work of the century, though the one achievement has obtained far more renown. By the end of the eighteenth century the external lines of discovery had been permanently laid down. Such, briefly, is the period of which Mr Heawood writes brilliantly and with authority. Seldom can the misused word "fascinating" be applied to a book with equal justice. Invaluable as history, with a wealth of excellent maps and plans, it will prove for the imaginative reader the equal of the greatest romances of literature.

[*A special prospectus of this book may be obtained on application*]

CAMBRIDGE COUNTY GEOGRAPHIES

General Editor: F. H. H. GUILLEMARD, M.A., M.D.

A series of County Geographies, price 1s. 6d. each, suitable for general use as hand-books to the various counties and also intended for use in schools. Each volume gives an account of the history, antiquities, architecture, natural history, industries, and physical, geological, and general characteristics of the county, and each has two coloured maps (one physical and the other geological) and a large number of photographic illustrations.

The latest additions to the series are:—

Linlithgowshire. By T. S. Muir, M.A., F.R.S.G.S.

Middlesex. By G. F. Bosworth, F.R.G.S.

Rutland. By G. Phillips.

A list of the forty-five volumes already published will be sent on application. Volumes on the remaining counties of England, Scotland, and Wales are in an active state of preparation; arrangements for a series of Irish geographies have also been made.

The Realm of Ends or Pluralism and Theism.

The Gifford Lectures delivered in the University of St Andrews in the years 1907-10. By James Ward, Sc.D. (Camb.), Hon. LL.D. (Edin.), Hon. D.Sc. (Oxon.), Professor of Mental Philosophy, Cambridge. **Second Edition, with Some Replies to Criticisms.** Demy 8vo. 12s. 6d. net.

Mind.—It is superfluous to summarise the argument of a book which all who care seriously for philosophy in Great Britain may be expected to study closely, sentence by sentence, for themselves, and elaborate criticism is hardly possible to a reviewer who agrees so thoroughly with all the main positions contended for, that his natural impulse is simply to thank God that we have such a philosopher as Dr Ward among us.

Heredity and Memory. By James Ward, Sc.D. *Being the Henry Sidgwick Memorial Lecture delivered at Newnham College, 9 November 1912.* Crown 8vo. 1s. net, paper covers; 1s. 6d. net, bound in cloth.

A LIST OF FURTHER PUBLICATIONS

Caesar: Gallic War, Books IV and V. Edited, with introduction, notes and vocabulary, by E. S. Shuckburgh, Litt.D. New and fully illustrated edition, with the long vowels marked in the text. Extra fcap. 8vo. 1s. 6d. each.

Key to the Questions Contained in West's Revised English Grammar and Revised English Grammar for Beginners. By A. S. West, M.A., Trinity College, Cambridge. Extra fcap. 8vo. 3s. 6d. net. Suitable for use with both the original and revised editions.

Mathematics, from the points of view of the Mathematician and of the Physicist. An address delivered to the Mathematical and Physical Society of University College, London. By E. W. Hobson, Sc.D., LL.D., F.R.S., Sadlerian Professor of Pure Mathematics in the University of Cambridge. Demy 8vo. Paper covers. 1s.

A Shorter Geometry together with Solid Geometry. By C. Godfrey, M.V.O., M.A., Head Master of the Royal Naval College, Osborne, and A. W. Siddons, M.A., Assistant Master at Harrow School. Crown 8vo. 4s.

Algebra for Secondary Schools. By Charles Davison, Sc.D., Mathematical Master at King Edward's High School, Birmingham. Crown 8vo. Now issued in two volumes, without answers. 2s. 6d. each.

Solutions of the Examples in Loney's Plane Trigonometry. Second Edition. Crown 8vo. Now issued in two parts. 6s. each.

The Vertebrate Skeleton. By S. H. Reynolds, M.A., formerly of Trinity College, Cambridge, Professor of Geology in the University of Bristol. Second Edition. pp. xvi + 536. With 144 illustrations. Price 15s. net. Cambridge Zoological Series.

Cambridge University Law Tripos Papers, 1907-1911. Crown 8vo. 2s. 6d. net.

Admissions to Peterhouse or S. Peter's College in the University of Cambridge. *A Biographical Register. Being an exact transcription of the entries in the College admission books from 1615 to 1887, together with an abstract of the entries in the Academic Register from 1887 to October 1, 1911, and biographical notes compiled by Thomas Alfred Walker, LL.D., M.A. (Cantab.), Litt.D. (Vict.), Fellow, Librarian and Hon. Lecturer, and sometime Tutor of the College. Royal 8vo. 30s. net.*

The Modern Language Review. *Edited by J. G. Robertson, G. C. Macaulay, and H. Oelsner. Vol. VII, Part 4. 4s. net.*

The Journal of Agricultural Science. *Edited by Professor R. H. Biffen, M.A., A. D. Hall, F.R.S., and Professor T. B. Wood, M.A. Royal 8vo. Vol. V, Part 1. 5s. net.*

The British Journal of Psychology. *Edited by W. H. R. Rivers and C. S. Myers. Royal 8vo. Vol. V, Part 3. 5s. net.*

The Journal of Hygiene. *Edited by G. H. F. Nuttall, M.D., Ph.D., Sc.D., F.R.S. Royal 8vo. Vol. XII, Part 3. 7s. net.*

The Journal of Genetics. *Edited by W. Bateson, M.A., F.R.S., and R. C. Punnett, M.A., F.R.S. Royal 8vo. Vol. II, Part 3. 10s. net.*

The Journal of Physiology. *Edited by J. N. Langley, Sc.D., F.R.S. Royal 8vo. Vol. XLV. Parts 1 and 2. 7s. net. Part 3. 5s. 6d. net. Part 4. 6s. net. Part 5. 8s. net.*

The Journal of Pharmacology and Experimental Therapeutics. *Edited by Professor John J. Abel, The Johns Hopkins University, and Professor A. R. Cushny, University of London. Issued bi-monthly. Annual subscription. 21s. net.*

FURTHER PUBLICATIONS—CONTINUED

The Biochemical Journal. Edited by *W. H. Bayliss, D.Sc., F.R.S., and Arthur Harden, D.Sc., F.R.S.* Issued from 6 to 8 times a year. Annual subscription. 21s. net.

ALTERATIONS IN PRICE

Bacon's Essays. Edited, with introduction and notes, by *A. S. West, M.A., Trinity College, Cambridge.* Extra fcap. 8vo. Reduced from 3s. 6d. to 2s. 6d. Pitt Press Series.

English Patriotic Poetry. Selected and annotated by *L. Godwin Salt, M.A.* Reduced from 2s. to 1s. 6d. An edition, without introduction and notes, is also published at 6d. net.

A Book of English Poetry for the Young. Arranged for Preparatory and Elementary Schools by *W. H. Woodward.* Reduced from 1s. 6d. to 1s.

A Second Book of English Poetry for the Young. Arranged for Secondary and High Schools by *W. H. Woodward.* Reduced from 1s. 6d. to 1s.

Scott: Kenilworth. Edited by *J. H. Flather.* Reduced from 2s. 6d. to 2s.

Scott: A Legend of Montrose. Edited by *H. F. M. Simpson.* Reduced from 2s. 6d. to 2s.

Scott: Old Mortality. Edited by *J. A. Nicklin.* Reduced from 2s. 6d. to 2s.

Scott: Woodstock. Edited by *A. S. Gaye.* Reduced from 2s. 6d. to 2s. •

Geometrical Drawing. With notes and examples. By *W. H. Blythe, M.A., late Scholar of Jesus College, Cambridge.* Extra fcap. 8vo. In two parts. Part I, reduced from 2s. 6d. to 1s. 6d. Part II, reduced from 2s. to 1s. 6d.

ALTERATIONS IN PRICE—CONTINUED

Lessons on Soil. By E. J. Russell, D.Sc. (Lond.), Goldsmith Company's Soil Chemist, Rothamsted Experimental Station. Large Crown 8vo. With 58 illustrations. Price altered from 1s. 6d. to 1s. 6d. net. Cambridge Nature Study Series.

The Gateways of Knowledge. An introduction to the study of the senses. By J. A. Dell, M.Sc. (Vict.). Large Crown 8vo. With 52 illustrations. Price altered from 2s. 6d. to 2s. 6d. net. Cambridge Nature Study Series.

A Course of Lectures on the Growth and Means of Training the Mental Faculty. Delivered in the University of Cambridge. By Francis Warner, M.D. (Lond.), F.R.C.P., F.R.C.S. Eng., etc. Crown 8vo. Reduced from 4s. 6d. to 2s. 6d.

CAMBRIDGE GREEK TESTAMENT FOR SCHOOLS

New NET Prices

| | |
|---|---|
| <i>St Matthew.</i> 3s. 6d. net | <i>Epistles to the Colossians and Philemon.</i> 2s. 6d. net |
| <i>St Mark.</i> 3s. 6d. net | <i>Epistles to the Thessalonians.</i> 2s. 6d. net |
| <i>St Luke.</i> 4s. 6d. net | <i>The Pastoral Epistles.</i> 3s. net |
| <i>St John.</i> 4s. 6d. net | <i>Epistle to the Hebrews.</i> 3s. net |
| <i>Acts of the Apostles.</i> 4s. 6d. net | <i>Epistles of St John.</i> 3s. 6d. net |
| <i>First Epistle to the Corinthians.</i> 2s. 6d. net | <i>The General Epistle of St James.</i> 2s. 6d. net |
| <i>Second Epistle to the Corinthians.</i> 2s. 6d. net | <i>The Revelation of St John the Divine.</i> 4s. 6d. net |
| <i>Epistle to the Galatians.</i> 2s. 6d. net. | |
| <i>Epistle to the Philippians.</i> 2s. 6d. net | |

NOTE

THE BULLETIN is published early in each term and will be regularly sent, post free, to any address on receipt of a card addressed to Mr C. F. Clay, Cambridge University Press, Fetter Lane, E.C., where books mentioned in this *Bulletin*, as well as other publications of the Press, may be inspected.

Cambridge: Printed at the University Press.

CONTENTS—CONTINUED

| MATHEMATICS AND PHYSICS | PAGE |
|---|------|
| Radioactive Substances and Their Radiations | 17 |
| Address on Mathematics | 24 |
| A Shorter Geometry together with Solid Geometry | 24 |
| Algebra for Secondary Schools | 24 |
| Solutions of the Examples in Loney's <i>Plane Trigonometry</i> | 24 |
| Geometrical Drawing | 26 |
| BOTANY | |
| The Genus <i>Iris</i> | 1 |
| Herbals: Their Origin and Evolution | 3 |
| Makers of British Botany | 4 |
| NATURE STUDY | |
| The Story of Our Trees | 5 |
| Lessons on Soil | 27 |
| The Gateways of Knowledge. | 27 |
| ZOOLOGY | |
| The Vertebrate Skeleton | 24 |
| PSYCHOLOGY | |
| Heredity and Memory | 23 |
| ETHNOLOGY | |
| Reports of the Cambridge Anthropological Expedition to Torres Straits, Vol. IV | 17 |
| The Tribes of Northern and Central Kordofan | 19 |
| GEOGRAPHY AND TRAVEL | |
| Map Projections | 18 |
| The Duab of Turkestan | 20 |
| A History of Geographical Discovery | 22 |
| Cambridge County Geographies | 23 |
| EDUCATIONAL SCIENCE | |
| The Growth and Means of Training the Mental Faculty | 27 |
| BIBLIOGRAPHY | |
| Royal Society Catalogue Subject Index, Vol. III | 16 |
| SCIENTIFIC AND LITERARY JOURNALS | |
| The Modern Language Review | 25 |
| The Journal of Agricultural Science | 25 |
| The British Journal of Psychology | 25 |
| The Journal of Hygiene | 25 |
| The Journal of Genetics | 25 |
| The Journal of Physiology | 25 |
| The Journal of Pharmacology | 25 |
| The Biochemical Journal | 26 |
| CAMBRIDGE UNIVERSITY | |
| Admissions to Peterhouse | 25 |

THE JOURNAL OF ECONOMIC BIOLOGY

Edited by

WALTER E. COLLINGE, M.Sc., F.L.S., F.E.S.

with the co-operation of

Prof. A. H. REGINALD BULLER, D.Sc., Ph.D.;
Prof. GEO. H. CARPENTER, B.Sc., M.R.I.A.;
Prof. PERCY GROOM, M.A. (CANTAB. & OXON.), D.Sc., F.L.S.;
Prof. ROBERT NEWSTEAD, M.Sc., F.R.S., A.L.S.;
and A. E. SHIPLEY, M.A., Hon. D.Sc., F.R.S.

Contains articles treating of all branches of Economic Biology, Entomology, Parasitology, Mycology, etc. Fully illustrated by lithographic plates and text figures. A few sets of Vols. 1-7 still remain, price 21s. each. Volume 8, now in course of publication, will consist of four parts, price 16s.

*All editorial communications should be addressed to Walter E. Collinge,
8, Newhall Street, Birmingham, and all subscriptions to*

London: DULAU & CO., Ltd., 37, Soho Square, W.

Berlin: R. FRIEDLÄNDER & SOHN.

ROYAL COLLEGE OF PHYSICIANS OF LONDON

The Weber-Parkes Prize and Medals

PRIZE OF 150 GUINEAS AND TWO SILVER MEDALS

Open to all members of the Medical Profession in all countries.

The next Award will be made in 1915, and the Adjudicators have selected as the subject of the Essay for that occasion:—

An original research on the Treatment of Pulmonary Tuberculosis with substances which are especially antagonistic to the Specific Organism and its Products.

This work must have been chiefly carried on since the year 1911.

The Essay must be based on original work and observations (experimental or other) of the author, and must include a detailed exposition of the methods employed and their mode of application.

All Essays, together with any preparations made in illustration of them, must be transmitted to the Registrar of the College during the last week of May, 1915, in accordance with the Regulations relating thereto, copies of which will be forwarded from the College on application.

The Award will be made on some day previous to the 18th October in that year.

Pall Mall East, S.W.

J. A. ORMEROD, M.D., Registrar.

THE PSYCHOLOGY OF INSANITY

By BERNARD HART, M.D. (LOND.), Lecturer in Psychiatry, University College Hospital Medical School; Medical Superintendent, Northumberland House Asylum.

Cambridge Manuals Series. Cloth, 1s. net; leather 2s. 6d. net.

"In this little work... the author has briefly presented in lucid readable form the more important recent developments in abnormal psychology which have yielded results of fundamental importance or which have acquired a satisfactory claim to recognition. In this book the author, after briefly reviewing the history of insanity, goes on to explain what is meant by the psychological conception, and then arranges the subject-matter of the book in such a way that the three successive steps of the method of science appear in logical order.... An earnest attempt has been made to lay the essential features of this interesting section of science concisely before the reader, and an excellent groundwork has been prepared upon which to build a more extensive knowledge of the subject."—*Asylum News*

CAMBRIDGE UNIVERSITY PRESS, FETTER LANE, LONDON

C. F. CLAY, Manager

CONTENTS

(All rights reserved)

| | PAGE |
|--|------|
| NUTTALL, GEORGE H. F. Observations on British Rat-Fleas. July—October, 1911 | 1 |
| STRICKLAND, C. and MERRIMAN, G. I. Report on Rat-Fleas in Suffolk and North Essex. (With 3 Charts) | 2 |
| NUTTALL, GEORGE H. F. and STRICKLAND, C. II. Report on Rat-Fleas in Cambridgeshire | 18 |
| ROBINSON, L. E. and DAVIDSON, J. The Anatomy of <i>Argas persicus</i> (Oken 1818.) Part I. (With Plates I to VI and 2 Text-figures) | 20 |
| NUTTALL, GEORGE H. F. Note on Colouration in Ticks. (With Plate VII) | 49 |
| BALFOUR, ANDREW. A Sarcocyst of a Gazelle (<i>G. rufifrons</i>) showing Differentiation of Spores by Vital Staining. (With Plates VIII and IX) | 52 |
| COCKIN, R. P. Ankylostomiasis in Grenada | 57 |
| NUTTALL, GEORGE H. F. Observations on the Biology of Ixodidae. Part I. Dealing with: 1. <i>Ixodes putus</i> (Pickard- Cambridge, 1876) Neumann, 1899. 2. <i>Ixodes canisuga</i> Johnston, 1849. 3. <i>Ixodes hexagonus</i> Leach, 1815. 4. <i>Ixodes ricinus</i> (Linnaeus, 1758) Latreille, 1804. 5. <i>Haemaphysalis leachi</i> (Audouin, 1827) Neumann, 1897. 6. <i>Haemaphysalis punctata</i> Canestrini and Fanzago, 1877. 7. <i>Hyalomma aegyptium</i> (Linnaeus, 1758) Koch, 1844. 8. <i>Rhipicephalus appendiculatus</i> Neumann, 1901. (With 2 Text-figures) | 68 |
| PUBLICATIONS RECEIVED | 119 |

PARASITOLOGY is published about four times a year. The numbers afterwards are issued in volumes each containing four numbers and amounting to between 400 and 500 pages, with plates and figures.

Volumes I, II, III, IV and V (1908–13) are now ready. In four parts, paper covers, 21s. net per volume. Bound in buckram, 25s. net per volume.

Papers for publication should be sent to Professor GEO. H. F. NUTTALL, F.R.S., Longfield, Madingley Road, Cambridge, or to the Associate Editor. Other communications should be addressed to the University Press, Cambridge.

Papers forwarded to the Editors for publication are understood to be offered to *PARASITOLOGY* alone, unless the contrary is stated.

Contributors receive seventy-five copies of their papers free. Additional copies, not exceeding 200, may be had at cost price: these should be ordered when the final proof is returned.

The subscription price is £1. 10s. per volume (post-free), payable in advance; single numbers 10s. net (double number 20s. net). *Subscribers to the Journal of Hygiene* may obtain single numbers of *PARASITOLOGY* at the reduced price of 7s. 6d. net, or may become subscribers at the reduced rate of £1. 1s. per volume. Subscriptions may be sent to any Bookseller, or to MR C. F. CLAY, MANAGER, Cambridge University Press, Fetter Lane, London, E.C.