

MISCELLANEOUS.

BOOK REVIEWS AND NOTES.

MYTH, RITUAL, AND RELIGION. By *Andrew Lang*. London: Longmans, Green, & Company. 1899. Vol. I., pages, xxxix, 339. Vol. II., pages, vii, 380.

Mr. Andrew Lang's *Myth, Ritual, and Religion* is so widely known and has been received with such favor abroad, that one wonders the book should have been "long out of print." There are few works on comparative mythology that exhibit the same sound common sense and insight into human motives, or present in so attractive a form the vast accretions of scientific research that have gathered about the history of religions. The work remains after its revision substantially as it stood in its original form, the gist of the book being stated in the following lines from the preface of its first edition: "'While the attempt is made to show that 'the wilder features of myth survive from, or were borrowed from, or were imitated from the ideas of people in the savage condition of thought, the existence—even among savages—of comparatively pure, if inarticulate, religious beliefs is insisted on throughout.'"

The problem of comparative mythology, Mr. Lang finds to be the reconciliation of the irrational with the rational elements in myths, the elimination of the *chronique scandaleuse* of the gods, etc., the explanation of what Max Müller calls the "silly, senseless, and savage element,"—the element that has made mythology the puzzle which men have so long found it. He reviews the past systems of mythological interpretation, and finds the germs of the modern anthropological theory in the hypotheses of Eusebius, De Brosses, and especially of Fontenelle, the significance of whose essays on the *Origin of Fables* has recently been insisted upon by Prof. L. Lévy-Bruhl in *The Open Court* of December, 1898. Mr. Lang himself belongs to the anthropological school, but his theory diverges slightly from the theories of its best known exponents. He asks: "Is there a stage of human society and of the human intellect in which facts that appear to us to be monstrous and irrational—facts corresponding to the wilder incidents of myth—are accepted as ordinary occurrences of everyday life?" He finds such a stage in the region of romantic invention, as for example in the stories of the Arabs, and claims by analogy "that everything in the civilised mythologies which we regard as irrational seems only part of the accepted and natural order of things to contemporary savages, and in the past seemed equally rational and natural to savages concerning whom we have historical information." His theory is, therefore, "that the savage and senseless element in mythology is, for the most part, a legacy from the fancy of ances-

tors of the civilised races who were once in an intellectual state not higher, but probably lower, than that of Australians, Bushmen, Red Indians, the lower races of South America, and other worse than barbaric peoples." And this line of thought Mr. Lang follows in nineteen chapters, throughout all the mazes of ancient, modern, and savage mythology.

The same incongruities and absurdities which challenged in the pagan mythology the scorn and opposition of the early Christian zealots, and which in savage myths aroused the curiosity or aversion of the anthropologist or missionary, exist in a greater or less degree in the popular conceptions of current religious beliefs. "It is no wonder that pious and reflective men have, in so many ages and in so many ways, tried to account to themselves for their possession of beliefs closely connected with religion which yet seemed ruinous to religion and morality." The study of such works as Mr. Lang's will do much to clear up the problems that engage the minds of all thinking religious men. μ.

The Ballad of Reading Gaol by C. J. 3.¹ (the prison number of Oscar Wilde during his term of imprisonment) is a poem dedicated to the memory of a fellow prisoner, "sometime trooper of the Royal Horse Guards" who was hanged for murder.

- "He did not wear his scarlet coat
For blood and wine are red,
And blood and wine were on his hands
When they found him with the dead,
The poor dead woman whom he loved,
And murdered in her bed.
- "He walked amongst the Trial Men
In a suit of shabby gray ;
A cricket cap was on his head,
And his step seemed light and gay ;
But I never saw a man who looked
So wistfully at the day.
- "I never saw a man who looked
With such a wistful eye
Upon that little tent of blue
Which prisoners call the sky,
And at every drifting cloud that went
With sails of silver by.
- "I walked, with other souls in pain,
Within another ring,
And was wondering if the man had done
A great or little thing,
When a voice behind me whispered low,
'That fellow's got to swing.'
- "And I and all the souls in pain,
Who tramped the other ring,
Forgot if we ourselves had done

¹ Published by Benj. R. Tucker, New York,

A great or little thing,
 And watched with gaze of dull amaze
 The man who had to swing."

The poem is impressive because real. It pictures the horror which a prisoner feels at capital punishment and suggests at the same time the idea that our penitentiary system is not a cure for crime.

"I know not whether Laws be right,
 Or whether Laws be wrong ;
 All that we know who lie in gaol
 Is that the wall is strong ;
 And that each day is like a year,
 A year whose days are long.

"The vilest deeds like poison weeds
 Bloom well in prison-air :
 It is only what is good in Man
 That wastes and withers there :
 Pale Anguish keeps the heavy gate,
 And the Warder is Despair.

"For they starve the little frightened child
 Till it weeps both night and day :
 And they scourge the weak, and flog the fool,
 And gibe the old and gray,
 And some grow mad, and all grow bad,
 And none a word may say."

A new edition of Prof. Hermann Schubert's *Mathematische Mussestunden*—a collection of mathematical recreations and games of patience—has been announced by Göschen, of Leipsic. The first edition of the book was published in 1898 only. The book in its general character resembles the well-known works of Lucas and W. W. Rouse Ball; but the author has subjected all the problems to fresh analysis and has interwoven with his expositions much critical comment. Magic squares are exhaustively treated, and the discussion of the "Fifteen Puzzle" is very full. The first edition of the book contained but 286 pages; in the edition which is to appear the author intends to incorporate the originals of some of the English essays which appeared in his *Mathematical Recreations* published by The Open Court Publishing Company.

Professor Schubert also published in 1895 a brochure entitled *Zwölf Geduldspiele*, which covers much the same ground, but in a different form. (Same publishers.)

Students of the national problems now engaging public attention will find a varied discussion of the "Foreign Policy of the United States" in the May supplement of the *Annals of the American Academy of Political and Social Science*. The discussion was conducted by some of the leading political scientists of the country and included many addresses, among which was one by Carl Schurz.

We have received three additional volumes in the series of the *Biography of the Saints*, published by Victor Lecoffre, of Paris, rue Bonaparte 90. They are :

Sainte Mathilde, by L. Eugène Hallberg, of the University of Toulouse. *Saint Ambroise*, by the Duc de Broglie, of the French Academy, perhaps the most distinguished contributor to the series; and *Saint Basile*, by Paul Allard, whose *History of Persecutions* is well known. The price of these volumes is two francs each.

The same publisher has also issued a work which is likely to be found an attractive volume by Catholics who can read French. It is the second edition of M. l'Abbé Pierre Batiffol's *Six Leçons sur les Évangiles*,—a course of lectures on the early history of the Church, delivered at the Catholic Institute of Paris, in February and March, 1897. The lectures were addressed to young people. The author has given evidence of some breadth of view in his treatment, and in the bibliography which he appends to his work he gives reference to some of the most prominent of modern inquirers into the early history of the Church, not excluding Protestants and heretics.

Dr. Jean du Buy who is instructor in the Amity Bible Workers' School, in New York City, has compiled and arranged systematically a collection of the ethical teachings of Jesus, without reference to theological doctrines. The book is a handy one, and gives the gist of Jesus's doctrine. The structure and mode of exposition are the author's, but the language either literally or imitatively is that of the New Testament. (Boston: James West.)

A Primer of the Bible by W. H. Bennett, M. A., (Henry Holt & Co., New York) aims "to sketch, in the light of recent criticism, the history of the Bible; the composition of the books—as far as possible in chronological order; their relations to one another, and to the history of Israel, of Judaism, and of the Church; and the process by which they were chosen, collected, and set apart as "Sacred Scriptures." The book contains 228 pages and consists of two parts, one devoted to the Old and one to the New Testament.

Readers of the early numbers of *The Open Court* will remember the graceful sonnets which appeared there from time to time from the pen of Miss Mary Morgan (Gowan Lea), a Canadian poetess who is now sojourning abroad. Miss Morgan has recently published a very pretty little edition of her rondeaux, sonnets, and translations. The publishers are Hass & Co., 2 Langham Place, London.

The two latest issues of T. B. Mosher's elegant *Bibelot* series are: (1) *Songs in Absence and Other Poems*, by Arthur Hugh Clough, and (2) *Demeter and Persephone: Three Translations*, by Walter Pater. (Price, 5 cents each.)

Dr. Pierre Janet, professor of philosophy in the Lycée Condorcet and director of the Laboratory of Psychology of the Clinique of Salpêtrière, is very well known for his researches in morbid psychology, and his recent great work *Névroses et idées fixes*, which consists of experimental studies in the disorders of the will, attention, and memory, and of researches on the emotions, obsessions and their treatment, will be received with favor by physicians and psychologists. The studies are voluminous, covering nearly 500 large pages, and have been conducted with all the necessary technical accompaniment of the modern psychological and clinical laboratory. (Paris: Alcan. 1898. 12 francs.)

Another work has just been published, on psycho-pathology, entitled *L'Insta-*

bilité mentale, by Prof. G. L. Duprat, who is of the opinion that it is the business of philosophy to determine whether psychology has not equal rights with biology in the treatment of psycho-pathological phenomena; and he has accordingly presented the study of a type of this affection known as mental instability which is widespread but has been but little investigated. For the physician mental instability is but a wavering state on the borderland of disease and health, while for M. Duprat it is a primitive psychological fact which can engender disorders of sensibility and mentality, instead of being engendered by them. (Paris: Alcan. 1899. 5 francs.)

Dr. Eugène Bernard-Leroy, of the University of Paris, has given us a unique study in his work *L'illusion de fausse reconnaissance*, designed as a contribution to the investigation of the psychological conditions of the recognition of memories. The subject of this book is a familiar one to every person in whose mind the recollection has been aroused of events with which he seems to be entirely familiar but which are absolutely new to him. The subject, owing to its difficulties, has been very insufficiently treated, and Dr. Bernard-Leroy's book is the first which has been exclusively devoted to it. (Paris: Alcan. 1898.)

From the well-known Library of Contemporary Philosophy we have three new volumes. The first is *L'éducation des sentiments*, by Prof. P. Félix Thomas, and will be of value to educationists. The subjects treated are such as the rôle of pleasure and pain in education, personal inclinations, needs, appetites, fear, anger, curiosity, self-love, sympathy, pity, emulation, friendship, love of country, love of play, love of the good and the beautiful, lies, religious sentiments, etc. (Paris: Alcan. 1899. 5 francs.) The second is an essay on objective psychology, entitled *L'ignorance et l'irréflexion*, by L. Gérard-Varet. The book was presented by the author as a thesis for obtaining the doctorate in the University of Paris, and is said to have given rise to a spirited discussion. The main object of the author's inquiry is to discover the structure and character of that common spontaneous form of mentality in which reflexion plays no part, and in which thought properly so called is neither the need nor the rule. (Paris: Alcan. 5 francs.) The third book is a metaphysical treatise on esthetics, by Dr. Jean Pérès. Its title is *L'art et le réel*. (Paris: Alcan. 1898. 3.75 francs.)

It remains for us to notice *Les trois dialectiques*, by Prof. J. J. Gourd, of the University of Geneva, which is a reprint of an article which appeared in the *Revue de Métaphysique et de Morale*, one of the ablest philosophical periodicals of the day. By the three dialectics Professor Gourd understands (1) the theoretical dialectic, (2) the practical dialectic, and (3) the religious dialectic; which three phrases are a metaphysical translation of the familiar terms "science," "morals," and "religion."

THE HOME OF LIBERTY.

Words by
PAUL CARUS

Music by
ROBERT GOLDBECK



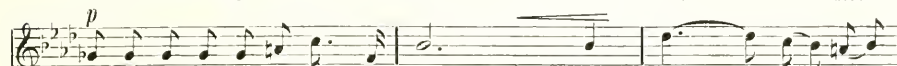
1. O ho - ly shore, which lib - er - ty pro - tects, Be
2. I served my coun - try, true to liege and laws, But
3. My fa - ther - land shines bright in glo - rious hue; I
4. There - fore be blessed, O hap - py, glo - rious land, Thou



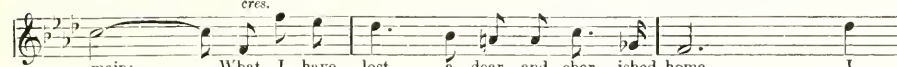
blessed a thous - and times! Thy star - ry ban - ner
free was I as skald; And glad to serve a
love it much, in sooth! Would there had been more
lov - est lib - er - ty, And bid - dest wel - come



joy - ful - ly af - fects The po - et's heart and rhymes. In -
great and glo - rious cause;— I would not be en - thrall'd. Re -
free - dom to pur - sue In - qui - ry in - to truth. The
ev - 'ry will - ing hand. Thou still hast room for me. Here



tol - er - ance has me com - pelled to roam Far, far o'er the az - ure
luc - tant - ly, with pain of heart I tore The bond which thral - dom
pil - grims when pur - sued by tyr - an - ny, At length com - pelled to
will I stay, and here my home shall be, O match - less ho - ly



main;..... What I have lost— a dear and cher - ished home— I
brings..... Hu - man - i - ty and free - dom are much more Than
flee..... In old - en times came hith - er joy - ful - ly, And
shore,..... Where high i - de - als of hu - man - i - ty Shall



hope here to re - gain; What I have
fa - ther - land and kings. Hu - man - i -
con - science here is free; In old - eu
flour - ish ev - er - more; Where high i -



lost— a dear and cher - ished home— I hope here to re -
ty and free - dom are much more Than fa - ther - land and
times, came hith - er joy - ful - ly, And con - science here is
de - als of hu - man - i - ty Shall



gain. flour - ish ev - er - more, Yea ev - er - more!
kings. free.

Copyright, 1898, by The Open Court Publishing Co.

To be had in regular sheet-music, at the following prices: (1) Solo and Duet, with Piano Accompaniment, 50 cents; (2) 1st and 2nd Mandolin, with Piano Accompaniment, 40 cents; (3) 1st and 2nd Mandolin, with Guitar Accompaniment, 10 cents.

THE OPEN COURT PUBLISHING CO., 324 DEARBORN ST., CHICAGO, ILL.

THE

BIBLIOTHECA SACRA

A Religious and Sociological Quarterly

CONDUCTED BY

G. FREDERICK WRIGHT

OBERLIN, O.

Z. SWIFT HOLBROOK

BOSTON, MASS.

Associated with

EDWARDS A. PARK, NEWELL DWIGHT HILLIS, FRANK WAKELEY GUNSAULUS, FRANK H FOSTER, JUDSON SMITH, D. W. SIMON, WM. M. BARBOUR, SAMUEL IVES CURTISS, CHAS. F. THWING, A. A. BERLE, W. E. BARTON, E. H. JOHNSON, JACOB COOPER AND E. W. REMIS.

Partial Contents of April, 1899:

The Books of the Old Testament <i>Versus</i> Their Sources	<i>Willis J. Beecher</i>
The Trial of Jesus: Its Value in the Foundation of Faith	<i>F. J. Lamb</i>
The Holy Scriptures and Divorce	<i>Noah Lathrop</i>
The Christian Conception of Wealth	<i>Charles C. Merrill</i>
Vision of St. Paul on the Road to Damascus.	<i>Edward I. Bosworth</i>
Caedmon, the First Great English Poet	<i>D. S. Gregory</i>
The Delusions of "Christian Science."	<i>G. Frederick Wright</i>

Partial Contents of the July Number:

Influence of the Bible upon the Human Intellect.	<i>Jeremiah Eames Rankin</i>
Kant's Theory of the "Forms of Thought."	<i>James B. Peterson</i>
Religious Thought in Scotland	<i>James Lindsay</i>
The Catechumenate: its Achievements and Possibilities	<i>Thomas Chalmers</i>
The Mission Sunday-school.	<i>H. Francis Perry</i>
My Time at Rugby (1869-74)	<i>Henry Hayman</i>
Prayer in War-Time.	<i>Edward Mortimer Chapman</i>
The Abiding Realities of Religion	<i>John Henry Barrows</i>
The Hour of China and the United States.	<i>Henry William Rankin</i>
Alvah Hovey.	<i>John M. English</i>

*Semitic, Critical, Sociological Notes, and Book Reviews in each Number.***800 pp. Three Dollars a Year; 75 Cents a Number.**

Address

THE BIBLIOTHECA SACRA CO.,

OBERLIN, OHIO, U. S. A.

On the Study and Difficulties of Mathematics

By AUGUSTUS DE MORGAN.

New corrected and annotated edition, with references to date, of the work published in 1831 by the Society for the Diffusion of Useful Knowledge. The original is now scarce.

With a fine Portrait of the great Mathematical Teacher, Complete Index, and Bibliographies of Modern Works on Algebra, the Philosophy of Mathematics, Pangeometry, etc.

Pp. viii + 288. Cloth, \$1.25 (5s.).

"A Valuable Essay."—PROF. JEVONS, in the *Encyclopædia Britannica*.

"The mathematical writings of De Morgan can be commended unreservedly."—PROF. W. W. BEMAN, University of Michigan.

"It is a pleasure to see such a noble work appear as such a gem of the book-maker's art."—PRINCIPAL DAVID EUGENE SMITH, Brockport Normal School, N. Y.

"The republication of De Morgan's work is a service for which you should receive high commendation."—JOHN E. CLARK, New Haven, Conn.

THE OPEN COURT PUBLISHING CO., CHICAGO,
324 Dearborn St.
LONDON: Kegan Paul, Trench, Trübner & Co.

Lectures On Elementary Mathematics

By JOSEPH LOUIS LAGRANGE

Being the Course of Lectures Delivered at the École Normale, Paris, 1795

Translated from the French by THOMAS J. McCORMACK

With a Fine Photogravure Portrait of the Great Mathematician, Notes, Bibliographical Sketch of Lagrange, Marginal Analyses, Index, etc. Handsomely Bound in Red Cloth. Pages, 172. Price, \$1.00 net. (5s).

A Masterpiece of
Mathematical
Exposition

First Separate
Edition in English
or French

"I intend to recommend Lagrange's *Lectures on Elementary Mathematics* to the students of my course in the Theory of Equations, for collateral reading, and also to the teachers of elementary mathematics who attend my summer conferences on the Pedagogy of Mathematics. I trust that this valuable translation is but the forerunner of others in the same field by your house."—J. W. A. Young, Professor of Mathematics in the University of Chicago.

"The book ought to be in the hands of every high-school teacher of mathematics in America, for the sake of getting Lagrange's point of view."—Prof. Henry Cress, Northwestern University, Evanston, Ill.

"Can we not get Lagrange before the mass of the teachers? No teacher should teach elementary mathematics who has not mastered the matter represented by this work."—L. Graham Crozier, Knoxville, Tenn.

"Teachers of elementary mathematics, who desire to improve their methods of instruction, adding richness and vitality to the subject, should read this book."—*American Mathematical Monthly*.

THE OPEN COURT PUBLISHING CO., CHICAGO,
324 Dearborn St.
LONDON: Kegan Paul, Trench, Trübner & Co.

POET=LORE

considers literature as an exponent of human evolution rather than as a finished product, and is interested in discerning life and the progress of ideals in the literature of any age or nation.

ITS ELEVENTH YEAR BEGINS WITH 1899.

Modern World Literature. One of the good offices distinguishing POET-LORE is its introduction of marked successes and original ventures in foreign literary art. Among recent special attractions witness these :

HAUPTMANN'S THE SUNKEN BELL.

Complete in *Spring Number, 1898.*

BJORNSON'S THROLD:

his first story, and one of his best, written on his arrival in Copenhagen in 1856. "Wherefore this story," says its author, "has a very sympathetic connection with the rich impressions I received in this city." The POET-LORE translation is made from the Norse of the first edition, and appears in the *New Year Number, 1899*, which also contains a version, retaining the delicate charm, of

ANATOLE FRANCE'S M. PIGEONNEAU'S INADVERTENT ROMANCE.

SUDERMANN'S JOHANNES,

the great play on John the Baptist which has met with deserved success on the German stage, is complete in current POET-LORE. *Spring Number, 1899.*

EDOUARD ROD, J. H. ROSNY, WILLIAM MORRIS, GOTTFRIED KELLER,

are among those who have been drawn on recently for short stories and romances of fine literary flavor

The Next Poet=Lore, Summer Number, 1899

Will contain in its Fiction Department

TWO SHORT STORIES FROM THE SWEDISH OF SELMA LAGERLOF,

already well-known to English readers through her popular novel, 'Gosta Berling.' These short stories are full of "human nature" not portrayed with bold realism, however, but humorously and poetically sketched—admirable little examples of their author's peculiar genius. Among the ESSAYS AND APPRECIATIONS of the same issue of POET-LORE will be—

A CRITIQUE OF DISCERNMENT ON THE LATER WORK OF MAETERLINCK,
by Albert Phelps.

A SECOND ONE OF THE ENTERTAINING PAPERS by Johannes H. Wisby on the
American as discussed by a Dane and a Hindoo.

A SHAKESPEARIAN PAPER, by Dr. W. J. Rolfe.

FRENCH ENTHUSIASM AS BROWNING SATIRIZES IT IN HIS 'TWO POETS
OF CROISIC,' by Dr. H. E. Cushman. (Papers of the Boston Browning Society.)

THE SCHOOL OF LITERATURE, REVIEWS, LIFE AND LETTERS, will be full
and various as usual.

Each Number 65 Cents. Yearly Subscription \$2.50.

New England News Company and its Correspondents, all dealers or the Publishers.

POET=LORE COMPANY, 18 Pemberton Square, Boston.

Philosophical and Psychological Portrait Series.

(Now Complete.)

Suitable for framing and hanging in public and private libraries, laboratories, seminaries, recitation and lecture rooms.

The portraits, which are 11 x 14 in., have been taken from the best sources, and are high-grade photogravures. The series is now complete.



HUME. Original 11 x 14 in.)

Philosophical:

PYTHAGORAS	SPINOZA	HEGEL
SOCRATES	LOCKE	SCHLEIERMACHER
PLATO	BERKELEY	SCHOPENHAUER
ARISTOTLE	HUME	HERBART
EPICETUS	MONTESQUIEU	FEUERBACH
THOMAS AQUINAS	VOLTAIRE	LOTZE
ST. AUGUSTINE	D'ALEMBERT	REID
AVERRHOES	CONDILLAC	DUGALD STEWART
DUNS SCOTUS	DIDEROT	SIR W. HAMILTON
GIORDANO BRUNO	ROUSSEAU	COUSIN
BACON	LEIBNITZ	COMTE
HOBBS	WOLFF	ROSMINI
DESCARTES	KANT	J. STUART MILL
MALEBRANCHE	FICHTE	HERBERT SPENCER
SCHELLING		

Psychological

CABANIS	MACH	ROMANES
MAINE DE BIRAN	STUMPF	PAUL JANET
BENEKE	EXNER	RIBOT
E. H. WEBER	STEINTHAL	TAINÉ
FECHNER	BAIN	FOUILLEE
HELMHOLTZ	SULLY	BINET
WUNDT	WARD	G. STANLEY HALL
HERING	C. L. MORGAN	G. T. LADD
AUBERT		

To Subscribers:

TERMS: For the whole series (68 portraits) on regular paper, \$7.50 (35s.); on heavy Imperial Japanese paper, \$11.00 (50s.).

The Philosophical Series, 43 portraits, Imperial Japanese paper, \$8.75 (40s.); the same on the best plate paper, \$6.25 (30s.). The Psychological Series, 25 portraits, on Imperial Japanese paper, \$5.00 (24s.), the same on the best plate paper, \$3.75 (18s.). (The higher prices in parentheses refer to foreign countries. Carriage prepaid.) Single portraits on regular paper, 25 cents.

For subscribers who may prefer not to frame the portraits, a neat portfolio will be provided at a cost of \$1.00 additional.

On Inspection: A specimen portrait will be sent to any reader of *The Open Court* giving his or her full business and home address on condition that it be returned within two days after its receipt, if not satisfactory.

"I have received the first instalment of the series of portraits of philosophers, and am very much pleased with them."—*Professor David G. Ritchie*, St. Andrews, Scotland.

"I congratulate you on the magnificent character of the portraits, and I feel proud to have such adornments for my lecture room."—*J. J. McNulty*, Professor of Philosophy in the College of the City of New York.



SPINOZA. Original 11 x 14 in.)

THE OPEN COURT PUBLISHING CO.,

CHICAGO,
324 Dearborn St.

LONDON: Kegan Paul, Trench, Trübner & Co.

ALL WHO ARE INTERESTED IN JAPAN AND THE ORIENT SHOULD READ

The Orient The Hansei Zasshi Transformed.

The only monthly English magazine published in Japan under Japanese management and edited entirely by Japanese.

Terms:

Single copies 20 sen each (7½d. = 15 cents = 60 pf. = 75 centimes = 7 anna). Annual subscription 3 yen (6 shillings = 1.50 dollars = 6.30 marks = 7.90 francs = 4½ rupees).

THE ORIENT

claims to set forth the political situation as well as the trend of thought in all branches of human skill in the Far East, striving at the same time to give a dispassionate résumé of Western views of this part of the world.

Office of The Orient,

NUMBER 10, NISHIKATA-MACHI, HONGO, TOKYO, JAPAN.

The Liberty Strongest and Lightest Running Wheel on Earth.

SEVEN WONDERS OF THE BICYCLE WORLD:

- I. 5 POINT CONTACT SPROCKET.
- II. HARVEYZED STEEL BEARINGS (will cut glass).
- III. BALL BEARINGS RETAINED ON THE SHAFT (adjustment not disturbed when bearings are removed).
- IV. PATENT DOUBLE and HOLLOW CROWN ARCH or SQUARE (artistic and strongest).
- V. PATENT DETACHABLE SPROCKET (simple, practical, durable).
- VI. STRONGEST WHEELS (direct pull spokes, 36 in. in the front, 40 in. the rear wheel).
- VII. "Wonder"—how so good a wheel can be sold for so little money.

ART CATALOGUES FREE.

THE LIBERTY CYCLE CO., 82-80 Wabash Av., Chicago

THE PROHIBITED LAND

THE TRAVELS IN TARTARY, THIBET AND CHINA

Of MM. HUC and GABET

New Edition. From the French. Two Vols. 100 Illustrations. 688 Pages.
Cloth, \$2.00 (10s.). Handsomely Bound in Oriental Style.

A Classic Work of Travels. One of the Most Popular Books of All Times.

Read the Following Commendatory Notices:

"The work made a profound sensation. Although China and the other countries of the Orient have been opened to foreigners in larger measure in recent years, few observers as keen and as well qualified to put their observations in finished form have appeared, and M. Huc's story remains among the best sources of information concerning the Thibetans and Mongolians."—*The Watchman*.

"The book is a classic, and has taken its place as such, and few classics are so interesting. It deserves to be put on the same shelf as Lane's *Modern Egyptians*. Recent investigations only strengthen the truth of the intrepid missionary's observations—observations which were once assumed in Europe to be sensational and overdone. These reprints ought to have a large sale. It would be a good time for the Catholic libraries to add them to their stock of works on travel. They will find that few books will have more readers than the missionary adventures of Abbé Huc and his no less daring companion."—*The Catholic News*.

"Our readers will remember the attempt of Mr. A. Henry Savage Landor, the explorer, to explore the mysteries of the holy city of L'hassa, in Thibet. The narrative of the frightful tortures he suffered when the Thibetans penetrated his disguise, has been told by Mr. Landor himself. But where Mr. Landor failed, two very clever French missionaries succeeded. Father Huc and Father Gabet, disguised as Lamas, entered the sacred city, and for the first time the eyes of civilised men beheld the shocking religious ceremonies of L'hassa. The complete story of their extraordinary experiences is told in the book *Travels in Tartary, Thibet, and China*, published by The Open Court Publishing Co., Chicago."—*New York Journal*.

"Fools, it is known, dash in where angels fear to tread, and there are also instances of missionaries dashing in where intrepid and experienced travellers fail. Such was the case with MM. Huc and Gabet, the two mild and modest French priests who, fifty years ago, without fuss, steadily made their untortured way from China across Thibet and entered L'hassa with the message of Christianity on their lips. It is true that they were not allowed to stay there as long as they had hoped; but they were in the Forbidden Land and the Sacred City for a sufficient time to gather enough facts to make an interesting and very valuable book, which on its appearance in the forties (both in France and England) fascinated our fathers much in the way that the writings of Nansen and Stanley have fascinated us. To all readers of Mr. Landor's new book who wish to supplement the information concerning the Forbidden Land there given, we can recommend the work of M. Huc. Time cannot mar the interest of his and M. Gabet's daring and successful enterprise."—*The Academy*.

"They two visited countries of which Europe was, at the time, all but absolutely ignorant, and their record struck the reading world with almost incredulous wonderment."—*The Agnostic Journal*.

"Has become classical. The work is still an authority on Thibetan Buddhism, and by its pleasant narration of varied adventures will always be readable."—*The Dial*.

THE OPEN COURT PUBLISHING CO., CHICAGO, 324 Dearborn St.

LONDON: Kegan Paul, Trench, Trübner & Co.

A NEW BOOK BY THE DIRECTOR OF THE UNITED STATES
BUREAU OF AMERICAN ETHNOLOGY AND SOMETIME DI-
RECTOR OF THE UNITED STATES GEOLOGICAL SURVEY.

TRUTH AND ERROR

OR

THE SCIENCE OF INTELLECTION

By J. W. POWELL.

Pages, 423. Cloth, gilt top, \$1.75 (7s. 6d.).

Important to Psychologists and Students of the Philosophy of Science.

A Highly Original Work on Psychology, dealing largely with Epistemology.

"Major Powell is a versatile, brilliant, patient, and earnest thinker and writer. His volume is burdened with a costly and splendid array of facts. And while this is all true, yet this is not a tithe of the value of the volume. Its intrinsic value is in the systematisation of modern thought. . . . There is a charm in his directness. No qualification, no ambiguity, no affection. 'I hold,' 'I deny,' ring like the strokes of hammer on brazen casque."—*The Washington Post.*

THE OPEN COURT PUBLISHING CO., CHICAGO,
324 Dearborn St.
LONDON; Kegan Paul, Trench, Trübner & Co.

The Psychology of Buddhism

Or an Exposition of Some Essential Doctrines of Buddhist Metaphysics.

By *Chāru Chandra Bose*. Published by the Maha-Bodhi Society, Calcutta, India. Price, As. 6.

The Maha-Bodhi Society of Calcutta acts in India as agent for the following books on Buddhism:

Buddhism in Translations. By *H. C. Warren*. One of the best, most authoritative and comprehensive works on Buddhism. Price, Rs. 5-6, including postage.

Gospel of Buddha. By *Dr. Paul Carus*. One of the most popular works on Buddhism. Price, Rs. 4.

Science of Thought. By *Prof. Max Müller*. A very valuable work on philology. Price, Rs. 2-4.

Dharma. By *Dr. Paul Carus*. A short treatise on the essential principles of Buddhistic philosophy. Price, As. 4-2, including postage.

Fundamental Problems. By *Dr. Paul Carus*. The method of philosophy as a systematic arrangement of knowledge. Price, cloth, Rs. 4-8. Paper, Re. 1-14.

Buddhist Catechism. (Revised and enlarged edition.) By *Col. H. S. Olcott*. One of the most popular handbooks of Buddhism. Price, As. 8-2, including postage.

Religion of Love. An ancient work of Bhakti Marga, or Path of Love, from the Adwaita point of view. By *Jadu Nath Mazumdar*, M. A., B. L., Editor "Hindu Patrika." Price, Rs. 1-8, bound with cloth and board. Paper, Re. 1.

Jataka Mala. A collection of Jataka Stories in Devanagiri characters. Published by the Harvard University Publishing Company. Price, Rs. 1-8. (Cheap edition.)

The Ethics of Buddha. By *Anagarika H. Dharmapala*. A very clear, lucid, and interesting exposition of the Rules of Conduct. Price, As. 4.

Apply to the

MANAGER OF THE MAHA-BODHI SOCIETY,

2 CREEK ROW, CALCUTTA.

Preparatory Courses For Universities.

Students are prepared for Yale, Vassar, and other universities,

In One Year.

The preparatory course of academies comprises four years.

Three Years are Gained,

because but very few pupils are instructed together, and on account of twenty years' experience in teaching. Circular will be sent on application. Correspondence is invited. Address:

REV. WM. WEBER,
Belleville, Ill.



Address:

Wyckoff, Seamans & Benedict

144 Madison St.,

CHICAGO, ILLINOIS.

AN ORIENTAL ART WORK

Scenes from the Life of Buddha

Reproduced in Colors

from the Paintings of Keichyu Yamada, Professor in the Imperial Art Institute, Tokyo.

With a Handsome Cover-Stamp

especially designed for the volume by Frederick W. Gookin, in imitation of a Buddha-painting of the Fifteenth Century.

Just Published. Price, \$2.50.

These pictures, which are a marvel of daintiness, have been reproduced by the new and expensive three-color process. The inimitable delicacy of tint of the originals has been brought out in this way with scarcely any loss of quality.

Unique and Original.

The illustrations are eight in number and occupy each a separate leaf, with the descriptions and references intervening.

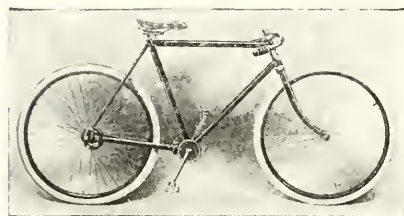
The publishers **will send the work on inspection to subscribers to The Open Court**, provided the same be returned uninjured and carefully packed within two days after its receipt, if not satisfactory.

The Open Court Publishing Co.,

324 DEARBORN ST.,

Chicago, - - - Illinois.

We have yet to hear of a rider of the COLUMBIA BEVEL-GEAR CHAINLESS who would willingly give it up for any other wheel.



Direct testimony is always better than hearsay evidence. If you desire to know about Bevel-Gear Chainless bicycles, do not ask a person who has never ridden one, or is in any way connected with a manufacturer who does not make them. Inquire of riders of the Columbia Bevel-Gear Chainless. There are thousands of them throughout the country. They are

to be met with in every city, in almost every town of the United States—so popular has the machine become in the short space of a year and a half. There are reasons for this. The chainless is easier to take care of than the chain wheel. It has a longer life. Every ounce of power applied to the pedals is made effective. This last advantage over chain-driven wheels is apparent the moment you mount the machine. The Chainless seems to possess an activity and life of its own. You notice it in starting, stopping, back-pedaling, riding on levels and especially in ascending grades.

COLUMBIA CHAINLESS BICYCLES, \$60 to \$75.

CHAIN WHEELS. COLUMBIAS, HARTFORDS AND VEDETTES. 25 DOLLARS TO 50 DOLLARS

POPE MANUFACTURING CO., Hartford, Conn.

The International

Is a Bright Magazine for Brainy People

IT INSTRUCTS, IT ENTERTAINS, IT IS UP-TO-DATE

Its **Talking Machine Courses in French and Spanish** are wonderful and mark a new era in language study. They alone are worth many times the cost of the magazine. Those who hope to visit the **Great Paris Exposition in 1900**, (and who does not?) can acquire the true Parisian accent surely, quickly and perfectly by the **Talking Machine Method** at nominal cost and at their leisure. Business men and women who neglect to learn Spanish by this peerless method will make a serious mistake.

10 cts. a copy
25 cts. a quarter
50 cts. a half year
\$1.00 a year

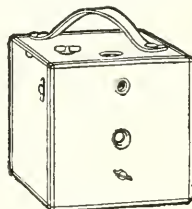
A. T. H. BROWER,

Ed. and Prop'r,

358 Dearborn St., Chicago, Ill.

There is no Kodak but the Eastman Kodak

No. 2 Falcon Kodak



For 3½ x 3½ Pictures,

\$5.00 Uses Eastman's light-proof film cartridges and can be loaded in daylight.

Fine achromatic lens, safety shutter, set of three stops and socket for tripod screw. Well made and covered with leather. No extras, no bothersome plate holders, no heavy glass plates.

Kodaks \$5.00 to \$35.00.

EASTMAN KODAK CO.

*Catalogues free of dealers
or by mail.*

Rochester, N. Y.

Important Publications.

Scientific Books.

THE ANALYSIS OF THE SENSATIONS.

By ERNST MACH, Professor of the History and Theory of Inductive Science in the University of Vienna. Pages, xi., 208. Cuts, 37. Cloth, \$1.25.

"... Like everything he writes, a work of genius."—*Prof. W. James, of Harvard.*

"There is no work known to the writer which in its general scientific bearing is more likely to repay richly thorough study. We are all interested in nature in one way or another, and our interests can only be heightened and clarified by Mach's wonderfully original and wholesome book."—*Prof. J. E. Trevor in The Journal of Physical Chemistry.*

THE SCIENCE OF MECHANICS. CRITICAL AND HISTORICAL. By *Prof. Ernst Mach.* Cuts, 250. Pages, 534. Half Morocco, \$2.50.

"A remarkable work."—*Nature.*
"A masterly book."—*Engineering News.*
"As a history of mechanics, the work is admirable."—*The Nation.*

"The book as a whole is unique and a valuable addition to any library of science or philosophy."—*Prof. D. W. Hering in Science.*

"Sets forth the elements of the subject with a clearness, lucidity, and force unknown in the mathematical text-books."—*Canadian Mining and Eng. Review.*

Works on Ancient India.

ANCIENT INDIA: ITS LANGUAGE AND RELIGIONS. By *Prof. H. Oldenberg,* of Kiel. Pages, ix., 110. Cloth, 50 cents.

Contains (1) The Study of Sanskrit; (2) The Religion of the Veda; (3) Buddhism. A popular exposition by the foremost European authority.

"Matter divested of its technical form coming from so eminent an authority is certain to find a welcome reception awaiting it at the hands of the many who are interesting themselves in Hindoo antiquities at the present time."—*Chicago Tribune.*

THE PHILOSOPHY OF ANCIENT INDIA. By *Prof. Richard Garbe.* Containing (a) A Brief History of Indian Philosophy; (b) The Connexion between Greek and Indian Philosophy; and (c) Hindu Monism. 2nd. ed. Pages, 89. Cloth, 50c.

"The value of this little work as a contribution to the history of philosophy may be justly termed great."—*Baptist Union.*

"Though the work is scholarly, it is written for the general reader who need not have previously studied the matter."—*Bookseller and Newsdealer.*

The Works of Gen. M. M. Trumbull.

WHEELBARROW: ARTICLES AND DISCUSSIONS ON THE LABOR QUESTION. With Portrait of the author (Gen. Trumbull). Pages, 300. Cloth, \$1.00.

"Written with vivacity and wit, and with a Cobbett-like terseness of English and felicity of illustration."—*Home Journal,* New York.

THE FREE TRADE STRUGGLE IN ENGLAND. Second edition, revised and enlarged. Pages, 296. Cloth, 75c.

Mr. Edward Atkinson says: "This history ought to be read by every man who desires to make up his mind how to act in this country at the present time."

Religious and Ethical.

THE RELIGION OF SCIENCE. By *Dr. Paul Carus.* Pages, 103. Extra edition, paper, 50 cents.

"The best and briefest possible popular exposition of the scientific attitude towards the religious sentiment that we have read."—*New England Magazine.*

THE IDEA OF GOD. By *Dr. Paul Carus.* Fourth edition. Pages, 32. Linen cover, 15 cents.

"An effort to purify our 'Idea of God' that it may be greater, sublimer, and more awe-inspiring to future generations than it has ever been yet."—*Literary World,* London.

THOUGHTS ON RELIGION. By *G. J. Romanes, F. R. S.* Third edition. Pages, r84. Cloth, \$1.25.

"Will rank among the most valuable books the century has produced."—*Chicago Tribune.*

ENGLISH SECULARISM, A CONFESION OF BELIEF. By *George Jacob Holyoake.* Pages, xiii., 146. Cloth, 50 cents.

"George Jacob Holyoake is a sincere, gifted, and scholarly thinker, and his exposition of secularism will be read with interest by all followers of contemporaneous movements."—*The Chicago Evening Post.*

THE GOSPEL OF BUDDHA. By *Dr. Paul Carus.* Fifth edition. Pages, 275+xiv. Cloth, \$1.00.

"In addition to a very luminous and suggestive preface, he furnishes a table of references, showing at an eye-glance the sources of his extracts and the parallelisms in the Gospels. He gives, also, a glossary of names and terms, a method of pronunciation, and a good index. The simplicity of this presentation, the freedom of the text from notes or uncouth and outlandish diacritical points, and the general arrangement of the work are admirable. . . . It is admirably fitted to be a handbook for the single reader or for classes."—*The Critic,* New York.

History of the People of Israel

From the Earliest Times to the Destruction of Jerusalem
by the Romans.

By **Prof. C. H. Cornill**, of the University of Breslau, Germany. Translated by *Prof. W. H. Carruth*. Pages, 325+vi. Cloth, \$1.50 (7s. 6d).

Not yet published in German. A fascinating portrayal of Jewish history by one of the foremost of Old Testament scholars.

An Impartial Record. Commended by both Orthodox and Unorthodox.

COMMENDATORY NOTICES:

"Many attempts have been made since Old Testament criticism settled down into a science, to write the history of Israel popularly. And some of these attempts are highly meritorious, especially Kittel's and Kent's. But Cornill has been most successful. His book is smallest and it is easiest to read. He has the master faculty of seizing the essential and passing by the accidental. His style (especially as freely translated into English by Professor Carruth of Kansas) is pleasing and restful. Nor is he excessively radical. If Isaac and Ishmael are races, Abraham is an individual still. And above all, he has a distinct heroic faith in the Divine mission of Israel."—*The Expository Times*.

"I know of no work that will give the beginner a more admirable introduction to the study of the history of Israel than this little volume. There is a fine discrimination of those events which are really important and an extraordinary ability in exhibiting their genetic relations. The place of Hebrew history in universal history is shown with accurate knowledge of recent archaeological discovery. The religious significance of Israel's history is appreciated to a degree that is unusual in an adherent of the radical school. It is refreshing to find Samuel regarded as more than a mere fortune-teller, David as more than a robber chief, and Solomon as more than a voluptuary. In this respect as well as in many of his historical conclusions Cornill represents a reaction against the extremes of Stade and Wellhausen. One is much struck in reading this book with the similarity of its own story to the traditional idea of the course of the history of Israel. If the author did not occasionally warn his readers against the traditional view, I doubt if the average layman would find anything that would startle him. The professional Old Testament student recognises how here and there details have been modified by criticism, but still the sweep of the narrative is the same as that to which we are accustomed. This is significant as showing how even the more radical criticism leaves untouched the main outline of the history of Israel as presented in the books of the Old Testament. The publishers are to be commended for their enterprise in securing the publication of this work in English before it appeared in German. The translation is admirably done. The book reads as if written originally in English."—*The Hartford Seminary Record*.

"Professor Cornill has an unusually direct and pithy style for a German, and especially a theologian, and is a master of condensation. Added to these qualities there is a strength and beauty of expression, with occasional touches of eloquence, betraying a feeling and earnestness which are perhaps the more effective because unexpected. To the student this work will not only be of interest as illustrating a method of reconstructing history, but of positive value for its scholarly use of all the results of research which throw light upon the history of Israel and its relations to other peoples. Taken in connexion with the Scripture records it becomes at many points an instructive and illuminating aid."—*The Watchman*.

"A good example of the cultured taste which is making history accessible to the desultory reader who lacks time or inclination, or both, for the study of ponderous tomes, may be found here. While most of us have a certain familiarity with Greek and Roman history, we question if there is anything like so widespread a knowledge of historical facts concerning the Jews, save what we remember of what we have read in the Bible."—*Public Opinion*.

"It will be found an excellent accompaniment to the study of the Old Testament Scriptures, written, as it is, from the dignified standpoint of the conscientious and truth-loving historian, respecting honest religious convictions, and at all times avoiding the tone of cynicism so commonly displayed at those times when historical investigation seems to conflict with the statements of avowed inspiration."—*Chicago Evening Post*

THE OPEN COURT PUBLISHING CO., CHICAGO,
324 Dearborn St
LONDON: Kegan Paul, Trench, Trübner & Co.

Psychology and Philosophy.

The Monographs of Th. Ribot.

"The best statements concerning attention, personality, and will."
Journal of Education.

(1) *Psychology of Attention.* (2) *The Diseases of Personality.* (3) *The Diseases of the Will.* Cloth, 75 cents each. Full set, cloth, \$1.75.

Briefer Works by Max Mueller.

"The old fascination and still riper wisdom."
Watchman.

(1) *Three Introductory Lectures on the Science of Thought.* (2) *Three Lectures on the Science of Language.* Cloth, 75 cents each.

By Alfred Binet.

"An original and valuable contribution."
Evening Journal.

On Double Consciousness. New Studies in Experimental Psychology. Pages, 93. Paper, 15 cents.

By Ludwig Noiré.

"No Reason without Speech; No Speech without Reason."

On the Origin of Language. Pages, 57. Paper, 15 cents.

By Ewald Hering.

"A veritable little classic."

On Memory, and the Specific Energies of the Nervous System. Pages, 50. Paper, 15 cents.

The Works of Paul Carus.

A good introduction to the study of philosophy."
The Scotsman.

(1) *The Primer of Philosophy.* A Simple and Concise Exposition. Pages, 242. Cloth, \$1.00.
(2) *Fundamental Problems.* A More Exhaustive Philosophical Treatise. Pp., 373. Cloth, \$1.50.
(3) *The Soul of Man.* A Treatise on Physiological and Experimental Psychology. 125 Cuts. Pages, 458. Cloth, \$3.00.

By the Same.

"Very clear."

The Nature of the State. Pages, 56. Paper, 15 cents.

World's Fair Lectures.

(1) *The Philosophy of the Tool.* Pages, 24. Paper, illustrated cover, 10 cents. (2) *Our Need of Philosophy.* Pages, 14. Paper, 5 cents. (3) *Science a Religious Revelation.* Pages, 21. Paper, 5 cents.

The Religion of Science Library.

A collection of standard works of The Open Court Press, issued bi-monthly. Yearly, \$1.50; single numbers, 15, 25, 35, 50 and 60 cents (9d., 1s. 6d., 2s., 2s. 6d., 3s.), according to size. The books are printed on good paper, from large type.

The Religion of Science Library, by its extraordinarily reasonable price, will bring a number of important books within reach of all readers.

The following have already appeared in the series :

- No. 1. **The Religion of Science.** By PAUL CARUS. 25 cents.
2. **Three Introductory Lectures on the Science of Thought.** By F. MAX MÜLLER. 25 cents.
3. **Three Lectures on the Science of Language.** By F. MAX MÜLLER. 25 cents.
4. **The Diseases of Personality.** By TH. RIBOT. 25 cents.
5. **The Psychology of Attention.** By TH. RIBOT. 25 cents.
6. **The Psychic Life of Micro-Organisms.** By ALFRED BINET. 25 cents.
7. **The Nature of the State.** By PAUL CARUS. 15 cents.
8. **On Double Consciousness.** By ALFRED BINET. 15 cents.
9. **Fundamental Problems.** By PAUL CARUS. Pages, 373. 50 cents.
10. **The Diseases of the Will.** By TH. RIBOT. 25 cents.
11. **The Origin of Language, and The Logos Theory.** By LUDWIG NOIRÉ. 15 cents.
12. **The Free Trade Struggle in England.** By GEN. M. M. TRUMBULL. 25 cents.
13. **Wheelbarrow on the Labor Question.** 35 cents.
14. **The Gospel of Buddha.** By PAUL CARUS. 35 cents.
15. **Primer of Philosophy.** By PAUL CARUS. 25 cents.
16. **On Memory, and The Specific Energies of the Nervous System.** By PROF. EWALD HERING. 15 cents.
17. **The Redemption of the Brahman.** A Novel. By R. GARBE. 25 cents.
18. **An Examination of Weismannism.** By G. J. ROMANES. 35 cents.
19. **On Germinal Selection.** By AUGUST WEISMANN. 25 cents.
20. **Lovers Three Thousand Years Ago.** By T. A. GOODWIN. (Out of Print.)
21. **Popular Scientific Lectures.** By ERNST MACH. 50 cents.
22. **Ancient India: Its Language and Religions.** By H. OLDENBERG. 25 cents.
23. **The Prophets of Israel.** By C. H. CORNILL. 25 cents.
24. **Homilies of Science.** By PAUL CARUS. 35 cents.
25. **Thoughts on Religion.** By G. J. ROMANES. 50 cents.
26. **Philosophy of Ancient India.** By RICHARD GARBE. 25 cents.
27. **Martin Luther.** By GUSTAV FREYTAG. 25 cents.
28. **English Secularism.** By GEORGE JACOB HOLYOAKE. 25 cents.
29. **On Orthogenesis.** By TH. EIMER. 25 cents.
30. **Chinese Philosophy.** By PAUL CARUS. 25 cents.
31. **The Lost Manuscript.** By GUSTAV FREYTAG. 60 cents.
32. **A Mechanico-Physiological Theory of Organic Evolution.** By CARL VON NÄGELI. 15 cents.
33. **Chinese Fiction.** By the REV. GEORGE T. CANDLIN. 15 cents.
34. **Mathematical Essays and Recreations.** By H. SCHUBERT. 25 cents.
35. **The Ethical Problem.** By PAUL CARUS. 50 cents.
36. **Buddhism and Its Christian Critics.** By PAUL CARUS. 50 cents.

THE OPEN COURT PUBLISHING COMPANY,

324 DEARBORN ST., CHICAGO, ILL.

LONDON: KEGAN PAUL, TRENCH, TRÜBNER & Co.

The Principles of Bacteriology

By DR. FERDINAND HUEPPE

Professor of Hygiene in the University of Prague

Translated from the German and annotated by *Edwin O. Jordan*, Ph. D., Assistant Professor of Bacteriology in the University of Chicago. 28 Cuts. Five Colored Plates. Pages, 465 +. Price, \$1.75 (9s.).

Invaluable Information for the Physician, Scientist, and General Reader.

Bacteriology is now in a state of transition. From having been descriptive and classificatory, it is now becoming a genuinely organised body of scientific knowledge, with its own principles, its own methods, and independent powers of scientific inference. Dr. Hueppe's book represents this latest phase of development. He seeks to give to his science a critical and logical setting, and to free it from all metaphysics. It is on its philosophical character, in fact, that the greatest emphasis must be laid. The book is new, just translated, and may be regarded as the only rigorous and strictly scientific introduction to bacteriology yet written.

Press Commendations of the Original.

'Those who have already followed Professor Hueppe through his 'Methods' and through his 'Forms of Bacteria' will be quite prepared to find here a philosophical treatment of bacteriology such as has seldom been attempted; in place of a mere repetition of methods and enumeration of species Professor Hueppe has grappled with the fundamental questions concerned and has in clear language given a cogent, philosophical, and scientific account of bacteria and their relations to the processes with which they are said to be associated. . . It is the work of a master of the subject, who is not only a scientific man in the sense of being an observer, but also in the sense of having a truly philosophical mind.'—*The Lancet*, London.

"Books of bacteriological technique have been somewhat common in recent years but nothing has hitherto appeared which, leaving out laboratory methods and systematic details, gives a summary of the important discoveries of modern bacteriology. . . . To any one who wishes to know what bacteriology has accomplished and what problems are still undergoing solution, nothing can serve better than this outline of Professor Hueppe."

"This work of Professor Hueppe is useful to two classes of readers. Those who are not bacteriologists, but who desire to learn the general facts which the last quarter of a century has discovered, will find here a brief but intelligible summary. Those who are already familiar with the general facts will, perhaps, find the book of even more value in giving a clear and simplified conception of the various confusing facts which have so rapidly accumulated in recent years."—*Science*, New York.

THE OPEN COURT PUBLISHING CO., 324 Dearborn St.,
CHICAGO.

LONDON: Kegan Paul, Trench, Trübner & Co.

JUST PUBLISHED

The Psychology of Reasoning

BASED ON EXPERIMENTAL RESEARCHES IN HYPNOTISM. By **ALFRED BINET**, Doctor of Science, Laureate of the Institute (Académie des Sciences and Académie des Sciences Morales), Director of the Laboratory of Physiological Psychology in the Sorbonne (Hautes Études).

Francis Galton's Commendation:

"Clear and solid, and deserves careful reading two or three times over."
—Francis Galton.

Translated from the recent second edition by *Adam Gowans Whyte, B. Sc.* Pages, 193. Index. Cloth, with gilt top, 75 cents (3s. 6d.).

THE OPEN COURT PUBLISHING CO., CHICAGO, 324 Dearborn St.

LONDON: Kegan Paul, Trench, Trübner & Co.

Mathematical Essays and Recreations

By **HERMANN SCHUBERT**

Professor of Mathematics in the Johanneum, Hamburg, Germany.

Translated from the German by **THOMAS J. McCORMACK.**

Pages, 149. Cuts, 37. Price, Cloth, 75c. (3s. 6d.).

Contents:

Notion and Definition of Number.	The Magic Square.
Monism in Arithmetic.	The Fourth Dimension.
On the Nature of Mathematical Knowledge	The Squaring of the Circle.

The mathematical essays and recreations in this volume are by one of the most successful teachers and text-book writers of Germany. The monistic construction of arithmetic, the systematic and organic development of all its consequences from a few thoroughly established principles, is quite foreign to the general run of American and English elementary text-books, and the first three essays of Professor Schubert will, therefore, from a logical and esthetic side, be full of suggestions for elementary mathematical teachers and students, as well as for non-mathematical readers.

THE OPEN COURT PUBLISHING CO., CHICAGO, 324 Dearborn St.

LONDON: Kegan Paul, Trench, Trübner & Co.

THE MONIST.

A QUARTERLY MAGAZINE

Devoted to the Philosophy of Science.

PUBLISHED BY

THE OPEN COURT PUBLISHING COMPANY, CHICAGO, ILL.

MONON BUILDING, 324 DEARBORN STREET. POST-OFFICE DRAWER F.

Annually \$2.00 (9s. 6d.). Single Copies, 50 cents (2s. 6d.).

AGENTS AND TERMS OF SUBSCRIPTION.

	SINGLE COPIES	YEARLY
LONDON: Kegan Paul, Trench, Trübner & Co., Paternoster House, Charing Cross Road	2s. 6d.	9s. 6d.
LEIPZIG: Otto Harrassowitz	M. 2.50	M. 9.50
ROTTERDAM: H. A. Kramers & Son	—	Fl. 6.60
TURIN: } Libreria Carlo Clausen	—	Lire 12
PALERMO: }	—	Lire 12
MILANO: Uirico Hoepli, Libreria della Real Casa	—	Lire 12
BOSTON: Damrell & Upham, 283 Washington Street	50 cents	\$2.00.
NEW YORK: Lemcke & Buechner, 812 Broadway	50 cents	\$2.00.

Postpaid to New South Wales, Victoria, Queensland, Tasmania, and New Zealand, and all countries in U. P. U., for one year, \$2.25.

Forthcoming and Recent Features:

On the New Polychrome Bible. *Prof. C. H. Cornill*, Königsberg.

The Last Decade of French Philosophy. *Lucien Arréat*, Paris.

On the Man of Genius. *Prof. G. Sergi*, Rome.

On General Biology. *Prof. Yves Delage*, Paris.

A Series of Articles on General Philosophy. *Principal C. Lloyd Morgan*, Bristol, England.

Myths in Animal Psychology. *Prof. C. O. Whitman*, Chicago

A Study of Job and The Jewish Theory of Suffering. *Prof. J. A. Craig*, Univ. of Mich.

On the Foundations of Geometry. *Prof. H. Poincaré*, Paris.

On Science and Faith. *Dr. Paul Topinard*, Paris.

On the Education of Children. *Dr. Paul Carus*.

General Review of Current German, French, and Italian Philosophical Literature. By *Prof. F. Jodl*, Vienna
M. *Lucien Arréat*, Paris, and *Prof. G. Fiamingo*, Rome.

SOME RECENT CONTRIBUTORS:

In General Philosophy:

PROF. KURD LASSWITZ
PROF. RUDOLF EUCKEN
PROF. F. JODL
THE LATE PROF. J. DELBŒUF
PROF. C. LLOYD MORGAN

In Logic, Mathematics, Theory of Science:

CHARLES S. PEIRCE
PROF. FELIX KLEIN
SIR ROBERT STAWELL BALL
PROF. ERNST MACH
PROF. HERMANN SCHUBERT

In Biology and Anthropology:

PROF. AUGUST WEISMANN
PROF. C. LLOYD MORGAN
PROF. JOSEPH LÉCONTE
PROF. MAX VERWORN
DR. EDM. MONTGOMERY

THE LATE G. J. ROMANES
PROF. C. O. WHITMAN
DR. PAUL TOPINARD
DR. ALFRED BINET
PROF. JACQUES LOEB

PROF. ERNST HAECKEL
PROF. TH. EIMER
PROF. E. D. COPE
PROF. C. LOMBROSO
DR. JAMES CAPPIE

In Psychology:

PROF. TH. RIBOT
PROF. JAMES SULLY
DR. G. FERRERO
DR. J. VENN
DR. ERNST MACH
PROF. C. LLOYD MORGAN

In Religion and Sociology:

DR. PAUL TOPINARD
DR. FRANCIS E. ABBOTT
PROF. HARALD HOFFDING
DR. PAUL CARUS
PROF. G. FIAMINGO
PROF. E. D. COPE

THE OPEN COURT PUBLISHING CO., 324 Dearborn St., CHICAGO

New Publications and Announcements

The Ethical Problem. Three Lectures on Ethics and Science. By *Dr. Paul Carus*. Second edition, enlarged by a discussion of the subject by William M. Salter, John Maddock, F. M. Holland, Prof. Friedrich Jodl, Dr. R. Lewins, Prof. H. Höffding, and Prof. L. M. Billia. With replies by the author. Pp., 351. Cloth, \$1.50.

Buddhism and Its Christian Critics. By *Dr. Paul Carus*. 8vo. Pp., 311. Price, cloth, \$1.25. New Religion of Science edition, paper, 50c. Contents: (1) The Origin of Buddhism; (2) The Philosophy of Buddhism; (3) The Psychological Problem; (4) The Basic Concepts of Buddhism; (5) Buddhism and Christianity; (6) Christian Critics of Buddhism.

Elementary Illustrations of the Differential and Integral Calculus. By *Augustus De Morgan*. Handsome new reprint edition. (In the press.) Red cloth. Price, \$1.00. An easy and pleasant introduction to the most embarrassing difficulties of the calculus.

Solomon, and Solomonic Literature. By *Moncure Daniel Conway, L.H.D.* (Ready in September.)

The Evolution of General Ideas. By *Th. Ribot*, Professor in the Collège de France. Authorised Translation by Frances A. Welby. (Ready in September.)

History of Modern Philosophy in France. With Photogravure and Half-Tone Portraits of the Chief French Philosophers. By *Prof. L. Lévy-Bruhl*, Maître de Conférences in the Sorbonne, Paris. Handsomely bound. (Ready in October.)
