

tion was the subject of addresses by B. F. Underwood, Dr. Herman Gasser, Dr. John E. Purdon and Harvey C. Alford. Sociology was considered by Rev. A. N. Somers, Bayard Holmes, M. D., Mrs. Florence Griswold Buckstaff and Miss Mary A. Dodge ("Gail Hamilton"). "Religion as Affected by Evolution" was the subject of papers and addresses by Dr. Charles T. Stockwell, Rabbi Emil G. Hirsch, Rev. Howard MacQueary, E. P. Powell and others. Rev. M. J. Savage, Dr. Lewis G. Janes, C. Staniland Wake, Revs. Jenckin L. Jones and H. M. Simmons presented papers on "The Morals of Evolution." "Economics as Related to Evolution" was considered by James A. Skilton and others. An interesting feature was a symposium on this subject in the form of brief papers from Mr. John Fiske, Dr. Edmund Montgomery, Dr. R. W. Shufeldt, Benj. B. Kingsbury, F. M. Holland and others. There was not a note of discord during the entire Congress. A committee was appointed at a special meeting held last Sunday evening to arrange for another Evolution Congress in 1894.

—Those who are familiar with the volumes of Appleton's "International Education Series" will remember among them two on "The Mind of the Child," by W. Preyer, professor of physiology in the University of Jena; and the same author has now issued a smaller book on the same subject entitled "Mental Development in the Child," which has been translated into English by H. W. Brown, and published in the same series. The work is designed especially as an aid to mothers in training their young children; but we confess that we cannot see what mothers are to gain from it. It contains, to be sure, many sensible observations; but they are mostly commonplace, while on the other hand the book is full of doubtful physiological speculations expressed in technical language. Take, for instance, the following remarks about self-consciousness: "There are several grades of consciousness, lower

and higher, which have different seats—in the higher animals, particularly in the spinal marrow, cervical marrow, and brain. The highest grade, self-consciousness, so-called, which does not necessarily imply a strong self-esteem, has its seat in the gray substance of the cerebral cortex. It is therefore properly called the cortical *ego*." (p. 155). There is much more in the book of a similar sort; yet the reader must not think that there is nothing better. Professor Preyer has evidently been a close observer of very young children, and is familiar with their wants and ways; and he gives a fairly intelligible outline of their mental growth during the first three years of their lives. His remarks on the acquisition of language and on the manifestations of thought and reasoning before language is acquired are perhaps the best things in the book and are well worthy of attention from students of psychology. But the book cannot be accepted as a satisfactory treatise on the subject with which it deals.

—W. F. Yocum, A. M., D. D., accepted the position of Vice President and Professor of Philosophy and Political Economy in Florida Agricultural College, Oct. 1, 1893.

—Miss Mary Proctor, daughter of the late Richard A. Proctor, is delivering courses of lectures on astronomy to children, under the management of Major J. B. Pond, Everett House, New York.

—The Eleventh Congress of the American Ornithologists' Union will convene in Cambridge, Mass., on Tuesday, November 21, 1893, at eleven o'clock A. M. The meetings will be held in the Nash Lecture-room, University Museum, Oxford street. The reading of papers will form a prominent feature of the meetings. Associate as well as Active members are earnestly requested to contribute. Titles of communications and applications for membership should be sent to the Secretary, Mr. John H. Sage, Portland, Connecticut.

Indigestion

Horsford's Acid Phosphate

Is the most effective and agreeable remedy in existence for preventing indigestion, and relieving those diseases arising from a disordered stomach.

Dr. W. W. Gardner, Springfield, Mass., says, "I value it as an excellent preventative of indigestion, and a pleasant acidulated drink when properly diluted with water, and sweetened."

Descriptive pamphlet free on application to
RUMFORD CHEMICAL WORKS, PROVIDENCE, R. I.
Beware of Substitutes and Imitations.

For sale by all Druggists.

EXCHANGES.

[Free of charge to all, if of satisfactory character.
Address N. D. C. Hodges, 874 Broadway, New York.]

For Sale or Exchange for last editions of Standard Works on Vegetable Anatomy or Physiology: Practical Zoology, Marshall & Hurst; Elements of Embryology, Foster & Balfour; Zoology, Macalister; Guide to the Study of Insects, Packard; Geological Studies and Shall We Teach Geology, Winchell. Also have duplicates of Experiment Station publications which would like to exchange for any not in my file. L. R. Jones, Burlington, Vt.

For exchange.—Skins of *Aegialites nivosus*, *Ereunetes occidentalis*, *Aunnodramus Ardingi*, *A. rostratus*, *Chamara fasciata henschawi*, etc., for native or foreign skins with full data. Send lists. A. W. Anthony, 2042 Albatross st., San Diego, California.

I have a Beck New National monocular microscope, accessories, microtome, mounting material and a large number of fine slides. Will exchange the whole or in part for a first class type-writer or photograph outfit. A. C. Gruhlke, Waterloo, Ind.

Offered sidebloom eggs of *Bulimus oblongus* and exotic land and freshwater shells in exchange for Helices not in collection. Send lists to G. K. Gude, 5 Gresbach Road, upper Holloway, London, England.

Would like to exchange 100 specimens of Canadian Indian Relics for a photo outfit. E. J. Waters, 33 Hoffman St., Auburn, N. Y.

For Sale.—A collection of fossil *Rhinoceros* bones (*Aphelops fossiger* Cope.) from the Loup Fork Tertiary, including all the bones of one fore and one hind leg, the pelvis, representative vertebrae and ribs, and a nearly complete skull, with complete lower jaws. All the bones of the limbs are perfect. Price \$250. Address Dept. of Paleontology, University of Kansas, Lawrence.

Wants.

WANTED.—Tuckerman's Geneva Lichenum and Carpenter on the Microscope. State price and other particulars. Richard Lees, Brampton, Ont.

WANTED.—Icones Muscorum by W. D. Sullivan, with or without Supplement, but both preferred. Address, stating price and condition of books, Dr. G. N. Best, Rosemont, N. J.

WANTED.—A copy of Mascart & Joubert's Lessons in Electricity and Magnetism, Vol. I. Address R. W. Clawson, Vanderbilt University, Nashville, Tennessee.

CHEMIST.—Graduate of a polytechnical school, and studied photographic chemistry in Germany and Austria. Situation teaching or in analytical or experimental laboratory. M. B. Punnett, Rochester, N. Y.

WANTED.—A recent college graduate to assist in editorial work on Science. Those seeking large emoluments need not apply. N. D. C. Hodges, 874 Broadway, New York.

A GRADUATE in medicine, experienced, will prepare or revise scientific and medical manuscript for publication, read proof, compile bibliographies, &c. Will also consult New York libraries for persons out of town wishing references to rare works. Address M. D., 104 Cambridge Place, Brooklyn, N. Y.

Arnold,
Constable & Co.

MEN'S WOOLLENS.

Hand-loom Irish Tweeds.

English, Irish,
and Scotch Satings.

ENGLISH TROUSERINGS
OVERCOATINGS.

Meltons, Kerseys, Beavers,
Vicunas, Cheviots, Boxcloths
Friezes, Covert Coatings.

LADIES' CLOTHS, COATINGS,
CHILDREN'S CLOAKINGS.

Broadway & 19th St.
NEW YORK.



Fact and Theory Papers

- I. THE SUPPRESSION OF CONSUMPTION. By GODFREY W. HAMELTON, M.D. 12°. 40c.
- II. THE SOCIETY AND THE "FAD." By APPLETON MORGAN, Esq. 12°. 20 cents.
- III. PROTOPLASM AND LIFE By C. F. COX. 12°. 75 cents.
- IV. THE CHEROKEES IN PRE-COLUMBIAN TIMES. By CYRUS THOMAS. 12°. \$1.
- V. THE TORNADO. By H. A. HAZEN. 12°. \$1.
- VI. TIME-RELATIONS OF MENTAL PHENOMENA. By JOSEPH JASTROW. 12°. 50c.
- VII. HOUSEHOLD HYGIENE. By MARY TAYLOR BISSELL. 12°. 75 cents.

N. D. C. HODGES, Publisher,
874 Broadway, New York.

SOME OF THE NEW BOOKS.

JARED SPARKS.—\$5.

In no department is American literature confessedly stronger than in history. The names of Bancroft, Prescott, Motley and Parkman—to mention no others—are enough to show that the United States have a creditable standing not only in making history but also in recording it. Among the names of our noted historians that of Jared Sparks is not always mentioned, but he was the forerunner of the modern school of investigators who go to the original sources and write at first-hand. He made extensive journeys in the Southern States in search of documents in which the story of the Revolution was told by the actors in it; he went to Europe several times to labor in the English State Paper Office, and in the French public record offices; wherever he learned that letters or journals of Washington or Franklin or their great associates were to be found, there he bent his assiduous way and spent laborious days, copying or extracting. Professor Adams, who is thoroughly qualified from his work as a professor of history to do justice to Sparks, thus states his claims to grateful remembrance by Americans:

"It is, then, as an original investigator, as a pioneer in American history, that Jared Sparks will chiefly interest the present generation. Nobody knew better than he under what limitations original and pioneer work is always done. His labors were chiefly *bahnbrechend*, or path-finding, in the vast wilderness of American history. He first opened roads along which modern students are now easily and swiftly passing, too often without a grateful thought for the original explorer."

Professor Adams has executed a difficult task in an exemplary manner; his biography is well proportioned and well adapted to the purpose of a limited edition intended mainly for libraries and special students.—*Boston Literary World*.

A JAPANESE INTERIOR.—\$1.25.

The title, "A Japanese Interior," may be said to have a moral rather

than a material application, for while we are shown, sometimes with much graphic detail, the inner arrangements of a Japanese house, it is rather with the peculiarities of Japanese custom and the points of view incident to Japanese life that the volume before us has to do.

The letters which make up Miss Bacon's book were written during a residence in Tokyo as teacher in one of the schools for noble girls under the management of the Imperial Household Department. They are intimate in character, being chronicles of events and impressions imparted in a friendly and gossiping fashion to relatives at home, and having throughout that conversational atmosphere which, while wholly destructive of what is called "style," is a charming medium through which to view pictures of every-day life and character. The author frankly confesses that they resemble the product of a photographic camera rather than that of an artist's brush, and, having so said, she puts us quite at our ease and carries us along through her experiences in housekeeping, shopping and engaging of cooks, in *jinrikisha* riding and eating and church-going until we fairly forget our Occidental surroundings and begin to look about for a paper, parasol and a folding fan.

At the beginning of Miss Bacon's career she seems to have suffered much from the fact that her Anglicized Japanese was about as imperfect as the Japanized English of those about her. Time, however, meliorated this difficulty, and her comfort increased as the comedy of the situation lessened.

Not the least engaging of the subjects touched upon are the references to Japanese dress, festival and mourning costumes, and in some detailed descriptions, such as that of Yasaku's wedding and the Feast of Dolls at a Daimio's Yashiki, we have narratives of unusual interest. The volume is pleasant, chatty and withal instructive in such matters as a stay-at-home wishes to understand.—*Philadelphia Bulletin*.

Any of the above books will be sent prepaid on receipt of the publisher's price less ten per cent.

M. D. C. HODGES,

874 Broadway, New York.