

tion of what history is, his narrative being little more than a brief account of the various viceroys, generals, presidents, and other administrators, that Mexico has at different times had. He gives no information of any value about the condition of the people at any period; he tells us little or nothing about the civilization of the Aztecs, though he relates a good deal of their legendary history; he fails to describe the mode in which the Spaniards governed the country, and he leaves us completely in the dark as to the history of legislation and the moral and material development of the Mexican nation. A good history of Mexico is still a desideratum.

—An important work by Dr. Daniel G. Brinton will be published in a few weeks by N. D. C. Hodges, 47 Lafayette Place, New York. The book, which will be entitled "Races and Peoples," will be a review of the whole domain of ethnography, with particular attention to the white or European race, the Aryan peoples, their origin and distribution. The latest opinions of the leading European scholars have been consulted, but the work is largely the result of independent research, and does not follow any especial school of ethnographers.

—G. P. Putnam's Sons have in press for early publication "The Trees of Northeastern America," by Charles S. Newhall, with an introductory note by Professor N. L. Britton of Columbia College, which describes all the native trees of the northern United States east of the Mississippi, as well as mentions the more important naturalized species, with illustrations made from tracings of the leaves of the various trees; "Gustavus Adolphus and the Struggle of Protestantism for Existence," by C. R. L. Fletcher, in the Heroes of the Nations Series; "The Jews under the Romans," by the Rev. M. Douglas Morrison, in the Story of the Nations Series; "Dust and its Dangers," by Dr. T. M. Prudden, written with the purpose of informing people, in simple language,

what the real danger is of acquiring serious disease, especially consumption, by means of dust-laden air, and how this danger may be avoided; "Among Moths and Butterflies," by Julia P. Ballard, a well-written book, on an interesting subject, for young people; and a new and popular edition of "Seven Thousand Words often Mispronounced," which has proved one of the most successful of Phyfe's books. They have also under way "Tabular Views of Universal History."

—The *Nation*, with its issue of July 3, enters on its twenty-sixth year of publication. It was started with the intention of supplying the educated public of America with political and literary criticism of a somewhat higher order than that previously in vogue. We had had, indeed, much good literary criticism in some of our magazines, but political discussion in the newspapers had not been so thoughtful or so independent as it should have been. The *Nation* took a perfectly independent stand from the first, and has maintained it ever since. Its articles, too, especially on political and economical affairs, have been distinguished by greater depth of thought than those of most American papers, and, though its superiority in this respect is not relatively so great at the present time, it still maintains a high rank. It has honorably distinguished itself by its advocacy of political honesty and sincerity, and by its support of certain special reforms, those of the tariff and the civil service being the most prominent. Its chief fault is a certain cynical tone and inclination to fault-finding, when something different would be at once more agreeable and more effective. Denunciation of wrong-doers is sometimes necessary; but it has no such efficacy as those who indulge in it are apt to suppose. Since its consolidation with the *Evening Post*, the character of the *Nation* has been to some extent changed; yet it continues under the same management as before, and its fundamental characteristics are still preserved. We wish it a continued career of prosperity and usefulness.

CATARRH.

Catarrhal Deafness—Hay Fever.

A NEW HOME TREATMENT.

Sufferers are not generally aware that these diseases are contagious, or that they are due to the presence of living parasites in the lining membrane of the nose and eustachian tubes. Microscopic research, however, has proved this to be a fact, and the result of this discovery is that a simple remedy has been formulated whereby catarrh, catarrhal deafness and hay fever are permanently cured in from one to three simple applications made at home by the patient once in two weeks.

N.B.—This treatment is not a snuff or an ointment; both have been discarded by reputable physicians as injurious. A pamphlet explaining this new treatment is sent free on receipt of stamp to pay postage, by A. H. Dixon & Son, 337 and 339 West King Street, Toronto, Canada.—*Christian Advocate*.

Sufferers from Catarrhal troubles should carefully read the above.

ANY OF

Prof. A. MELVILLE BELL'S WORKS

—ON—

Elocution — Visible Speech — Principles of Speech—Faults of Speech—Phonetics—Line Writing — World - English, etc.,

SUPPLIED BY

N. D. C. HODGES,

47 Lafayette Place, N. Y.

Do You Love your Wife and Children

enough to take the trouble to send for our Illustrated Pamphlet, which will tell you how to keep them well?



All impure and offensive odors absolutely removed.

SHERMAN "KING" VAPORIZER COMPANY,
Chicopee Falls, Mass.; Boston, New York,
Philadelphia, or Chicago.

Readers of Science

Corresponding or visiting with Advertisers, will confer a great favor by mentioning this paper.

A New Method of Treating Disease.

HOSPITAL REMEDIES.

What are they? There is a new departure in the treatment of disease. It consists in the collection of the specifics used by noted specialists of Europe and America, and bringing them within the reach of all. For instance, the treatment pursued by special physicians who treat indigestion, stomach and liver troubles only, was obtained and prepared. The treatment of other physicians celebrated for curing catarrh was procured, and so on till these incomparable cures now include disease of the lungs, kidneys, female weakness, rheumatism and nervous debility.

This new method of "one remedy for one disease" must appeal to the common sense of all sufferers, many of whom have experienced the ill effects, and thoroughly realize the absurdity of the claims of Patent Medicines which are guaranteed to cure every ill out of a single bottle, and the use of which, as statistics prove, *has ruined more stomachs than alcohol*. A circular describing these new remedies is sent free on receipt of stamp to pay postage by Hospital Remedy Company, Toronto, Canada, sole proprietors.

A TEMPORARY BINDER

for *Science* is now ready, and will be mailed postpaid on receipt of 75 cents.



This binder is strong, durable and elegant, has gilt side-title, and allows the opening of the pages perfectly flat. Any number can be taken out or replaced without disturbing the others, and the papers are not mutilated for subsequent permanent binding. Filed in this binder, *Science* is always convenient for reference.

N. D. C. HODGES,

47 Lafayette Place, N. Y.



DO YOU INTEND TO BUILD?

We offer an Atlas of Sensible Low Cost Houses, a portfolio 11x14 inches, containing handsome illustrations, floor plans, and full descriptions of this popular design, and fifty-four others, ranging in cost from \$800 to \$7,200. This specimen design is for a cottage with seven rooms, and costing \$1,100. It combines beauty and comfort, has two large porches, and is a popular and practical working design, having been built several times for its estimated cost.

No matter what style of a house you may intend to build, it will pay you to have this book.

We will send this Atlas, postpaid, on receipt of price, \$1.—N. D. C. Hodges, 47 Lafayette Place, New York.

BOOKS: How to get them. If there is any book or pamphlet that you want, write to the Science Book Agency, 47 Lafayette Place, New York.

OF WHAT USE IS THAT PLANT?

You can find the answer in

SMITH'S "DICTIONARY OF ECONOMIC PLANTS."

Sent postpaid on receipt of \$2.80. Publisher's price, \$3.50.

SCIENCE BOOK AGENCY,

47 Lafayette Place, New York.

CHEMICAL BOOKS FOR SALE.

ANALYST, London (1887-89, July and November of 1888 missing)	1.80
SUGAR CANE, Manchester (1881-83, 1885-86, also numbers of 1884, 1887, and 1888)	2.40
ZEITSCHRIFT Rubenzuckerindustrie Stammer (1885-86, part of 1887)	1.20
ZEITSCHRIFT Rubenzuckerindustrie Schublers (Vols. xiv.-xvii. inclusive), complete	2.40

Any of the above will be sent postpaid on receipt of price.

SCIENCE BOOK AGENCY,

47 Lafayette Place, New York.

RUPTURE

cured in stipulated time.

NO DELAY FROM WORK. NO OPERATION.

Call or send stamp for circular and reference of those cured. We have on hand over 300 styles of trusses, from \$1 up, and suspensories of all kinds. Orders filled by mail or express to any part of the United States.

C. A. M. BURNHAM, M.D.,
138 Clinton Place, New York.

N. D. C. HODGES, 47 Lafayette Pl., New York,
Announces as Just Published

Fact and Theory Papers

THE SUPPRESSION OF CONSUMPTION.

By GODFREY W. HAMBLETON, M.D. 12°. 40c.

"The inestimable importance of the subject, the eminence of the author and the novelty of his work all combine to render the little treatise worthy of special consideration. . . . We heartily commend Dr. Hambleton's booklet and wish there were more such works."—Editorial, *Boston Daily Advertiser*.

"The monograph is interesting in style, scholarly, and well worth of careful consideration. It is devoid of technical expressions, and can be easily read and digested."—*Pharmaceutical Era*.

"It is full of facts and wisdom."—*Philadelphia Saturday Evening Post*.

"The book contains much of importance to the medical fraternity, as well as the general populace."—*Burlington Hawkeye*.

"We commend the book to physicians and laymen."—*Herold* (German), Milwaukee.

THE SOCIETY AND THE "FAD."

By APPLETON MORGAN, Esq. 12°. 20 cents.

"Mr. Morgan founds a sensible and interesting address upon a text furnished by a sentence from a young ladies' magazine; namely, 'Browning and Ibsen are the only really dramatic authors of their century.'"—*New York Sun*.

"In the little book before us the treatment of the subject is dispassionate and logical. The comparison drawn throughout this monograph is between Shakespeare and Browning, the subject-matter being largely based on the Browning and Shakspearian societies and how they came to exist. A pleasant half-hour or more may be spent over the book, and some useful information derived from it."—*Englewood Times*.

PROTOPLASM AND LIFE.

By C. F. Cox. 12°. 75 cents.

The author of this book was for some years president of the New York Microscopical Society, and in this volume he sets forth his views on the spontaneous generation theory and its relation to the general theory of evolution, and on protoplasm and the cell doctrine.

Ready at an early date.

THE CHEROKEES IN PRE-COLUMBIAN TIMES

By CYRUS THOMAS. 12°. \$1.

Dr. Thomas in this work will reverse the usual method of dealing with prehistoric subjects; that is to say, he will commence with the earliest recorded history of the tribe as a basis and trace the chain back step by step by the light of the mounds, traditions, and other evidence, as far as possible. He has already presented to the public some reasons for believing the Cherokees were mound-builders, but additional evidence bearing on the subject has been obtained. A more careful study of the Delaware tradition respecting the Tallegwi satisfies him that we have in the Bark Record (Walam Olum) itself proof that they were Cherokees. He thinks the mounds enable us to trace back their line of migration even beyond their residence in Ohio to the western bank of the Mississippi. The object is therefore threefold: 1. An illustration of the reverse method of dealing with prehistoric subjects; 2. Incidental proof that some of the Indians were mound-builders; 3. A study of a single tribe in the light of the mound testimony. This work will be an important contribution to the literature of the Columbian discovery which will doubtless appear during the coming two years.

THE TORNADO.

By H. A. HAZEN. 12°. \$1.

Professor Hazen is one of the prominent meteorologists connected with the United States Signal Office. In this work he reviews our present information as to tornadoes, severely criticising some of the opinions held in regard to them up to this time. No one has given a more careful study to these destructive storms than has Professor Hazen, and his book will prove a decided contribution to the world's knowledge. In this book will be found a careful discussion of the important question of Tornado Insurance now attracting so much attention. Hundreds of dollars may be saved by people who are thinking of such insurance by following the principles here made plain.

In Preparation.

Foods and Food Adulterants.

By EDGAR RICHARDS, Ex-president National Chemical Society.

Color in Nature.

By G. BROWN GOODE and others.

Wants.

Any person seeking a position for which he is qualified by his scientific attainments, or any person seeking some one to fill a position of this character, be it that of a teacher of science, chemist, draughtsman, or what not, may have the 'Want' inserted under this head FREE OF COST, if he satisfies the publisher of the suitable character of his application. Any person seeking information on any scientific question, the address of any scientific man, or who can in any way use this column for a purpose consonant with the nature of the paper, is cordially invited to do so.

AN EXPERIENCED TEACHER desires to hear of a town in which he can establish a high school. Or, he will lease an academy. Address, G., Lock Box 18, Suffern, N. Y.

WANTED.—By a lady-graduate of Cornell University, position as teacher in high school, seminary or college; prepared to teach the following branches, employing, so far as is practicable, the laboratory method: Geology, Botany, Zoology, Physiology; also, if desired, Physics, Chemistry, Logic and Psychology. References to heads of above-named departments in Cornell University. JENNIE T. MARTIN, care Cornell University, Ithaca, N. Y.

A GENTLEMAN of experience, highly recommended, liberally educated at home and abroad, desires to correspond with parties needing an instructor in the classics or modern languages in a high grade institution. Address EARLHAM, Germantown, Pa.

WANTED.—At the Bryant Summer School, Roslyn, L. I., a Lady to teach Sea-Life, and other Sciences. July 8-Sep. 8. Ten weeks to six months according to her convenience. Other papers please copy. E. HINDS, A. M., Principal.

WANTED.—Information concerning the production of Mushrooms in caves and other places. Address M. H. CRUMP, care Ky. Geological Survey, Frankfort, Ky.

A YOUNG MAN, graduate from an American College, who has studied a year in Germany, and is now studying in Paris, would like professorship in chemistry. References from some of the best chemists. Address CHARLES E. LINEBARGER, Post-Restante, Paris, France.

WANTED.—An opportunity to study qualitative analysis in or near New York City during the summer. W. J. L., 130 Spring st., Sing Sing, N. Y.

ASSAYER.—Wanted position as above, has had three years' practical experience in a London firm of assayers to the Bank of England, Royal Mint, etc., etc. Thorough knowledge of bullion assaying, and of gold, silver, and lead ores. I. FRED. JOHN-SON, Northgate Brewery, Canterbury England.

Exchanges.

[Free of charge to all, if of satisfactory character. Address N. D. C. Hodges, 47 Lafayette Place, New York.]

For exchange—14 volumes (1883-1889) American Journal of Science, 10 volumes (1880-1889) American Naturalist, 21 volumes (1879-1890) English Mechanic, all in good condition for binding; also, Morris Typewriter. Wants first-class microscope, camera, chemical or physical apparatus. Address, with full particulars, E. R. Chadbourn, Lewiston, Maine.

Wanted.—To exchange land and fresh-water mollusca, (principally *Helices Achatinellae*, Clausiliae and Limnaeae), for those not in my collection. Lists exchanged. Address E. H. White, Box 200, Astoria, Or.

Meteorites.—Mr. George F. Kunz, 11 to 15 Union Square, New York, or Hoboken, N. J., will buy or give in exchange for whole or parts of meteorites. Whole ones, undescribed ones, and entire falls especially desired.

Wanted.—To furnish roots of *Dodecatheon Meadia*, *Sarracenia purpurea*, and other wild flowers, native of Southern Wisconsin, in quantities. D. E. Willard, Curator of Museum, Albion Academy, Albion, Wis.

I have a number of duplicates of microscopic slides, mostly botanical, which I would like to exchange for others not now in my collection. Send list of what you have to exchange and get my list. S. R. Thompson, New Wilmington, Pa.

THIRD EDITION.

THE FAULTS OF SPEECH

BY

A. MELVILLE BELL,

Author of "Visible Speech," etc., etc.

The Faults of Speech is a Self-Corrector and Teacher's Manual, for the removal of all Impediments and Defects of Articulation.

60 Cents.

* * Sent postpaid on receipt of price,

N. D. C. HODGES, 47 Lafayette Place,
NEW YORK.