May 16, 1890.]

ters what he calls "natural monopolies," or, in other words, that it increases the cost of food and the rent of land. His arguments in support of this position are strangely inconclusive, and the whole theory is upset by the example of the English corn-laws. It was not free trade, but protection, that made food dear in England; and it would have become still dearer if the corn laws had not been repealed. Professor Patten advocates protectionism, not as a temporary expedient, but as "part of a fixed national policy" (p. 8). He maintains that "our economic conditions are so different from those of any foreign nation that an American industrial policy must be of a distinct type from that of other nations" (p. 14); and he thinks it best for us to "isolate ourselves" as much as possible from the nations of Europe. Such are some of the salient points of the work; but we doubt if they will have much influence on public opinion.

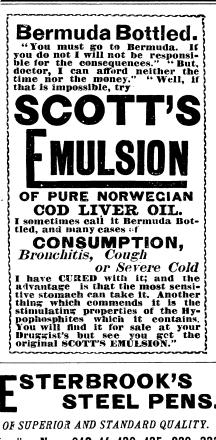
AMONG THE PUBLISHERS.

A SMALL geological map of the Scandinavian Peninsula, Denmark, Finland, Iceland Greenland, and Spitzbergen, by Dr. Hans Reusch, the director of the Norwegian Geological Survey, has lately been published in Christiania, Norway. Copies of this map will be sent postpaid. on receipt of 40 cents, by N. D. C. Hodges, 47 Lafayette Place, New York.

- John Wiley & Sons announce as in preparation "Elliptic Functions," by Professor Arthur L. Baker of Stevens Institute.

-George Keil, publisher, 1214 Filbert Street, Philadelphia, requests the members of the medical profession in the States of New York, Ohio, Illinois, Indiana, and Iowa, to forward, at their earliest convenience, the following points: name in full, school of graduation and year, post-office address, and State. This will be used in the pages of the "Medical Register Directory and Intelligencer;" Dr. William B. Atkinson, editor. A copy of the book will be forwarded without charge to each physician whose name appears in its pages. The matter in preparation for it is of such value that every one who receives a copy will be sure to keep it at hand for reference. Its list of national and local medical organizations and post-office addresses of physicians will be complete to date of issue, besides other information.

-Messrs. E. & F. N. Spon announce as ready about June 1 "The Disposal of Household Wastes," a discussion of the best methods of treatment of the sewage of isolated country houses, of suburban dwellings, of houses in villages and smaller towns, and of large institutions, and of the modes of removal and disposal of garbage, ashes, and other solid house-refuse, by W. P. Gerhard. They also announce as published, "Tropical Agriculture" (new edition, revised, bringing down the statistical and general information to the present time), a treatise on the culture, preparation, commerce, and consumption of the principal products of the vegetable kingdom, by P. L. Simmonds; "Buchanan's Tables of Squares," containing the square of every foot, inch, and sixteenth of an inch between one-sixteenth of an inch and fifty feet, by E. E. Buchanan; and "Domestic Electricity for Amateurs," an interesting book for the general reader as well as the electrician, translated from the French of E. Hospitalier, with additions, by C. J. Wharton.



Leading Nos.: 048, 14, 130, 135, 239, 333 For Sale by all Stationers.

THE ESTERBROOK STEEL PEN CO., Works: Oamden, N.J. 26 John St., New York.

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.

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, BOOKS:

NEW YORK.

to be EFFECTIVE must be CONTINUOUS. But one device, namely, the SHERMAN "KING" VAPORIZER

DISINFECTION

meets these requirements.

The "Scientific American" says:

"It successfully solves the difficult problem of disinfection, is inexpensive, and should be in every building in the land."



CONTINUOUS.INEXPENSIVE, RELIABLE.

ALL IMPURE AND OFFENSIVE ODORS ABSO-LUTELY REMOVED.

"The Sherman 'King' Vaporizers are in use in our gentlemen's sanitary apartments in Boston and Salem depots, doing work well worthy of praise, purifying the air, and keeping the rooms in excellent condition. I consider them to be all that is claimed for them."

D. W. SANBORN, Supt.,

Boston & Maine Failroad, Eastern Div. Each Vaporizer sold charged for use. No care except to replenish once in two months at expense of 4 to 8 cents, according to size. Three sizes, \$3.50, \$5.00, \$8.00. Illustrated Pamphlet free. SHERMAN "KING" VAPORIZER COMPANY,

Chicopee Falls, Mass.; Boston, New York, Philadelphia, or Chicago.

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.

-- Macmillan & Co. announce as just ready a folio volume on "Scottish National Memorials," with three hundred illustrations, including thirty full-page plates. The following subjects are treated : Scottish archæology, historical and personal relics, Scottish literature and literary relics, burghal memorials of Edinburgh and other cities, etc. A series of small books under the general title "Science in Plain Language" is also announced. The first volume, to be published immediately, includes the following subjects: evolution, antiquity of man, bacteria, etc.; the object of the author being to give the general results of scientific investigation in plain, every-day language for the general reader.

-Andrew D. White will take "The Antiquity of Man and Egyptology" as the subject of a chapter in the Warfare of Science Series, to appear in the June Popular Science Monthly. His account of how Egyptian chronology was cramped and twisted to make it agree with the belief that the first man was created just 4,004 years before Christ, shows an intellectual servility in the past that can hardly be realized at the present day. The June number will also contain "In the Atelier of a Glass-Worker," by Professor C. H. Henderson (the fourth illustrated article on glassmaking), which will tell how the beautiful designs are produced that delight us in engraved, etched, and cut glass; the concluding chapters on "Justice," which are to form a part of Hervert Spencer's system of philosophy, in which the sentiment of justice and the idea of justice are carefully analyzed; and an article describing certain evidences of glacial action in south-eastern Connecticut, by David A. Wells. This account will be illustrated with pictures of some of the great bowlders which are thickly strewed over this region.

-John Wiley & Sons, New York, are publishing in a neat and convenient size some of Mr. Ruskin's most popular works. They are printed from new plates on fine paper, and bound in extra cloth, gilt head, and uncut edges. This series will consist of at least twelve volumes, 18mo, price one dollar per volume, and will be extended to include his complete works. The following volumes are now ready; viz., "Sesame and Lilies," "Ethics of the Dust," "The Crown of Wild Olive," "Queen of the Air." They also announce, uniform with the above in size, style, and price, a second series, selections from the works of John Ruskin, edited by Mrs. Tuthill and others. Of this latter series, "The True and Beautiful in Nature, Art, Morals, and Religion," by Mrs. L. C. Tuthill, is now ready, and it will be followed immediately by "Præterita; or, The Autobiography of John Ruskin" (from new plates, with frontispieces).

- "Hatred of England," the existence of which in the United States he denies, is discussed in The North American Review for May by Goldwin Smith. In the same number Sir Richard Cartwright gives an account of "Protection in Canada." Other subjects of timely interest are, "A Few Words on Col. Ingersoll," by Archdeacon Farrar; "Audacity in Woman Novelists," by George Lathrop Parsons: "Why Cities are Badly Governed." by State Senator Fassett; and "The Typical American," by Andrew Lang and Max O'Rell.

- "A Catalogue of Minerals and Synonyms," by Professor Thomas Egleston, Ph.D., School of Mines, Columbia College, was published in April, 1889, by the National Museum in Washington, and the edition was exhausted within a few months after its publication. There has been so great a demand for the work since the distribution of the first edition, that it is proposed to republish it in an improved form (one column on a page), leaving a large margin for notes and additions, that it may be more serviceable as a catalogue of mineral collections. The catalogue will be carefully revised and brought up to date, and re-issued, provided a sufficient number of subscribers can be obtained to warrant it. It is believed that this will prove to be a most useful book to those making or possessing collections of minerals. The price by subscription will be two dollars, and after publication \$2.50. John Wiley & Sons, New York, are the publishers.

CALENDAR OF SOCIETIES.

The Anthropological Society, Washington.

May 6. - A. P. Montague, Roman Stationery; J. Owen Dorsey, A Teton's Account of the Sun-Dance; George E. Curtis, Notes on the Amish.

Philosophical Society, Washington.

May 10. - J. Elfreth Watkins, Early Dividing-Engines, with Special Reference to that constructed by J. Ramsden, in 1775; W. J. McGee, Recent Geographic Changes on the Atlantic and Gulf Coasts.

Women's Anthropological Society of America, Washington.

May 10. - Mrs. Laura M. Schofield, Revision of the Presbyterian Creed.

Engineers' Club, St. Louis.

May 7. - Arthur T. Woods, Compound Locomotives; Otto Schmitz, Granitoid Curb and Gutter.



CHANCE FOR ALL CHANCE FOR ALL To Enjoy a Cup of Perfect Tea. A TRIAL ORDER of 3% pounds of Fine Tea, either Oolong, Ja-pan, Imperial, Gunpowder, Young Hy-son, Mized, English Breakfast or Sun Sun Chop, sent by mail on receipt of \$200. Be particular and state what kind of Tea you want. Greatest inducement ever offered to get orders for our cele-and Baking Powder. For full particu-BREAT AMERICAN TEA CO. SI and 33 Vesey St., New York.

Teas, Coffees and Da

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 care fully read the above.

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 bind ing. Filed in this binder. Science is always convenient for reference.

47 Lafayette Place, N. Y.

and Scribner, to cents per copy, other maga-zines equally low. Send for a catalogue. A. S. CLARK, Bookseller, 34 Park Row, New York City. BACK NUMBERS and complete sets of leading Mag-azines. Rates low. AM. MAG. EXCHANGE, Schoharie, N.Y. CHEMICAL BOOKS FOR SALE.

Old and Rare Books.

Back numbers Atlantic, Century, Harper,

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

SCIENCE BOOK AGENCY, 47 Lafayette Place, New York.

YUST PUBLISHED. POPULAR MANUAL OF VISIBLE SPEECH AND VOCAL PHYSIOLOGY.

For use in Colleges and Normal Schools. Price 50 cents. Sent free by post by

N. D. C. HODGES, 47 Lafayette Place, New York

At Siasconset, Nantucket Island. **36 FURNISHED COTTAGES.** \$120 TO \$275 THE SEASON.

Ocean views; surf bathing; no hot days, malaria or mosquitoes. Circulars.

DOUBLEDAY, 39 Ann Street, New York.

