

In view of these discoveries it would be well to establish an acid condition of the system by ten or fifteen drops of sulphuric acid to the quart of water used as lemonade—the water previously boiled,—and observe if sour wines might not be better for those in the habit of drinking liquors, also as to whether gout and rheumatism, which are acid diatheses, conferred immunity.

S. V. CLEVENGER, M.D.

Chicago, Sept. 5.

### Mars.

AT the present time, while theories and suggestions concerning the planet Mars are in order, it might be well to note that, on a study of Schiaparelli's chart of Mars, the systems of so-called canals resolve themselves, in many cases, into radiating groups of six, making hexagons, and giving the idea that the planet may be solidified into a mass with tendency to hexagonal crystallization, the "canals" being, for instance, fissures on the lines of the angles of crystallization. This would account for many of the peculiarities of their appearance, while in no way opposing the present existence of atmosphere, water, snow, ice, and vegetation on the planet.

C. W. KEMPTON.

Oro Blanco, Ariz., Aug. 25.

### La Grippe.

THE name *La Grippe* as used to designate the influenza, which was epidemic over so large a part of the world during the past two or three years, seems to have had a curious origin. Dr. Grant, in an essay on the disease published in 1782, states that the French term *La Grippe* is derived from an insect of that name remarkably common in France during the previous spring, and which the people believed contaminated the atmosphere, and caused the disease. If this be true, what insect was it?

M. L. HOLBROOK.

New York, Aug. 29.

### BOOK-REVIEWS.

*A Journal of American Ethnology and Archaeology.* Editor, J. WALTER FEWKES. Vol. II. Boston, Houghton, Mifflin & Co. 1892.

THIS volume is issued as one of the publications of the Hemenway South-western Archaeological Expedition, and embraces, I., A Few Summer Ceremonials at the Tusayan Pueblos, by J. Walter Fewkes; II., Natal Ceremonies of the Hopi Indians, by J. G. Owens; III., A Report on the Present Condition of a Ruin in Arizona Called Casa Grande, also by Dr. Fewkes.

Dr. Fewkes, the editor of the journal and the author of two of the contributions to this volume, has treated the subject of the Tusayan ceremonials with much greater success than were treated the Zuñi rites, to which he devoted much of the first volume.

The province of Tusayan, or so-called group of Moki Indian pueblos of north-eastern Arizona, owing to their remoteness from the demoralizing influence of the white-man's civilization, are among the most primitive of our aboriginal tribes, and Dr. Fewkes has made no mistake in abandoning the Zuñi field (to which he devoted his first field-season, and to which the attention of such workers as Mr. F. H. Cushing and Mrs. M. C. Stevenson had earlier been drawn) in order to apply all his energies to this interesting people. So far as ethnologic investigation has proved, the Tusayan group (excluding the Tewa village of Hano) is the only existing example of a nomadic people adopting a strictly pueblo life—for the Mokis, or Hopi, are a part of the great Shoshonean stock; cousins of the Utes, the Snakes, and the Comanches, and who, centuries ago, were disconnected from the main family and forced to these mesa fastnesses, where they erected communal structures of stone and mud, and cultivated corn, squashes, cotton, and other products in the sand-spread plains below.

Many of the ceremonials described by Dr. Fewkes in this volume have evidently been borrowed by the Tusayan from the

#### Reading Matter Notices.

Ripans Tabules: for torpid liver.

Ripans Tabules banish pain.

### Societas Entomologica.

International Entomological Society, Zurich-Hottingen, Switzerland.

Annual fee, ten francs.

The Journal of the Society appears twice a month, and consists entirely of original articles on entomology, with a department for advertisements. All members may use this department free of cost for advertisements relating to entomology.

The Society consists of about 450 members in all countries of the world.

The new volume began April 1, 1892. The numbers already issued will be sent to new members.

For information address Mr. FRITZ RUHL, President of the Societas Entomologica, Zurich-Hottingen, Switzerland.

### FOR SALE.

The Paleontological Collection of the late U. P. James, of Cincinnati, Ohio. Many type specimens and thousands of duplicates. For further information address

JOSEPH F. JAMES,

U. S. Department of Agriculture,

WASHINGTON, D. C.

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, 874 Broadway, N. Y.

### Exchanges.

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

Exchange.—I have the finest shells of Anodonta oopulenta, C'p'r, and Suborbiculata, Say, in the world. Will exchange for fresh water, land, and marine shells, in large or small quantities. Have also for exchange 50 varieties of fresh water and land shells from Spoon River, Ill. Dr. W. S. STRODE, Lewistown, Ill.

To exchange for books on birds or insects, or for back volumes of American Naturalist: Becker's "Anatomy of the Frog," Packard's "Guide," Guyot's "The Earth and Man," Rookhill's, "The Land of the Lamas," Parker's "Biology," Shoemaker's "Hereditry, Health and Personal Beauty," Dexter's "The Kingdoms of Nature," all new. M. J. ELROD, Ill. Wes. Univ., Bloomington, Ill.

For Sale.—About 1087 volumes of the private library of Dr. Nicolás León, formerly director of the Museum at Morelia, embracing publications of special value for Mexicoologists, like those of Bishop Zumárraga (16th century), of Sigüenza y Gongora, of Aleman, etc., the Missal of Spinoza, all very scarce; manuscripts on the history of Michoacán and other Mexican States, on the Tarasco (the Indian language of Michoacán) and several works, of which the only copy known to exist is in this collection. Parties interested in the sale please address Dr. NIC. LEÓN, Portal de Matamoras, Morelia, Mexico.

## INDEXES

TO

Volumes XVII. and XVIII.

OF

## SCIENCE

are in preparation, and will be issued at an early date.

### Wants.

**METALLURGICAL CHEMIST** will give instruction in the metallurgy and chemical analysis of iron and steel. Complete or special courses applying to the manufacture of pig irons and steels, as well as to their uses. Address "METALLURGIST," care SCIENCE.

**A GRADUATE** of the University of Pennsylvania and a practical mineralogist of twenty years' experience desires to give his services and a cabinet of 25,000 specimens, all named, with about the same number of duplicates, in minerals, crystals, rocks, gems, fossils, shells, archaeological and ethnologic specimens and woods to any institution desiring a fine outfit for study. The owner will increase the cabinet to 50,000 specimens in two years and will act as curator. Correspondence solicited from any scientific institution. J. W. Hortter, M.D., Ph.D., San Francisco, Cal., General P. O. Delivery.

**WANTED.**—A position as zoological artist in connection with a scientific expedition, institution or individual investigations. Experienced in microscopic and all scientific work. References given if desired. Address J. HENRY BLAKE, 7 Prentiss Place, N. Cambridge, Mass.

**YOUNG MEN** destined for a medical career may receive instruction in branches introductory thereto, at the same time, if desired, pursuing the so-called elementary medical studies. Advanced students can have clinical instruction, use of modern text books, etc. Will take one or two students into my family and office. Such must furnish unexceptionable references. Quizzing by mail. Address Dr. J. H. M., in care of 417 Adams Avenue, Scranton, Pa.

**CHEMIST AND ENGINEER**, graduate German Polytechnic, Organic and Analytical, desires a position in laboratory or chemical works. Address 213½ E. 7th Street, New York, care Levy.

**A MAN**, 36 years old, of extensive experience, having the degrees of A.M. and Ph.D., desires a first-class opening as a teacher of Zoology and kindred studies in a college or university. Can furnish numerous testimonials or references as to success and skill in most modern laboratory methods. Address E. W. D., Md. Agr. College, College Park, Md.

**A JOHNS HOPKINS** graduate (1892) desires a position as instructor in mathematics and physics. Address A. B. TURNER, Johns Hopkins University, Baltimore, Md.