

A. B. GRIFFITHS, Ph.D., F.R.S. (Edin.), F.C.S., says "I have made an examination of Stearns' Wine of Cod Liver Oil with Peptonate of Iron. It is an excellent preparation and contains the leucomaines, alkaloids or active principles of Cod Liver Oil with Peptonate of Iron. The alkaloids of Cod Liver Oil were first isolated by my friend Professor Armand Gautier of Paris; and they are not products of decomposition, as some writers (who know very little about the animal alkaloids) assert, but occur in the fresh liver of the cod, being produced by living cells—in other words they are true leucomaines. There is no doubt that the alkaloids of Cod Liver Oil are the active principles, as the percentages of iodine and bromine present in the oil are extremely small, and some oils, especially those that are light colored, contain none of these elements. At most, there is but 0.000322 per cent. of iodine present, a quantity which is too small to be of practical benefit. The same may be said of the bromine.

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Books and Pamphlets.

ELECTRICITY IN ELECTRO-THERAPEUTICS. By Edwin J. Houston, Ph. D., and A. E. Kennelly, Sc. D., two electricians holding high rank in the electrical profession. 412 pp., and 128 illustrations. \$1.00. New York: The W. J. Johnston Co.

Prof. Houston has served two terms as President of the American Institute of Electrical Engineers, and is a co-inventor of the well-known Thomson-Houston system of electric lighting. He has given special attention to electricity as applied in electro-therapeutics, in which department he is a lecturer in medical courses.

Mr. Kennelly has made many contributions to the higher branches of electrical science, and at the same time is widely known from his connection with its practical applications. For many years he was the principal assistant of Thomas A. Edison, and is the inventor of several pieces of commercial therapeutic apparatus. Mr. Kennelly is a Vice-President of the American Institute of Electrical Engineers.

The combination possessed by these authors, of a thorough knowledge of electrical science, together with an extended acquaintance in the field of electro-therapeutics, should peculiarly qualify them for the task which they undertook in the preparation of this volume. There is reason to believe, that the result of their work will meet in a high degree the requirements of physicians who desire to read a treatise on the fundamental electrical principles of electro-therapeutics, which is at once authoritative and expressed in simple language requiring no special training in electrical science to understand.

A TEXT-BOOK UPON THE PATHOGENIC BACTERIA FOR STUDENTS OF MEDICINE AND PHYSICIANS. By Joseph McFarland, M.D., Demonstrator of Pathological Histology and Lecturer on Bacteriology in the Medical Department of the University of Pennsylvania, etc. With 113 illustrations. Philadelphia: W. B. Saunders, 925 Walnut Street. 1896.

This conveys to the reader a concise account of the technical procedures necessary in the study of bacteriology, a brief description of the life-history of the important pathogenic bacteria, and sufficient description of the pathological lesions accompanying the micro-organismal invasions to give an idea of the origin of symptoms, and the cause of death. It is a work of 350 pages, and deals with such diseases as tuberculosis, leprosy, glanders, syphilis, actinomycosis, madura foot, rhinoscleroma, diphtheria, tetanus, rabies, anthrax, typhoid fever, cholera, pneumonia, relapsing fever, influenza, malignant œdema, measles, bubonic plague, chicken cholera, mouse septicæmia, typhus, and the various septic conditions induced by germs found in suppurative processes. The aim of the work has been to describe only such bacteria as can be proven pathogenic, and will surely find its proper sphere of usefulness in the hands of