

IMMUNIZATION AGAINST TUBERCULOSIS.

Studies in Immunization Against Tuberculosis. By Karl Von Ruck, M.D., and Silvio Von Ruck, M.D. New York: Paul B. Hoeber, 1916. Price, \$4.00.

Dr. Karl Von Ruck, of Asheville, North Carolina, has been known for many years as an original investigator on the subject of tuberculosis. For a long time he has been studying how to prepare from the bacilli of the disease a therapeutic agent that would both prevent and cure tuberculosis. His work is of a most original character.

Gradually the authors of this book have been trying to obtain an extract from the bacilli that would yield the desired results. They claim that this object has been attained. A watery extract is obtained from the bacilli. This extract contains all the elements found in the bacilli. By the use of this product excellent results have been realized by the authors.

We commend this book very highly. We feel that its careful study will do much for a large group of sufferers. On the whole subject of tuberculosis much light will be secured by the reading of this volume. But the part that is of vital interest is the good that may be done by the employment of this method of treatment. The vaccine, as prepared by Dr. Ruck, is employed as a means of producing immunity against the contracting of the disease, and especially in the cases of families where the disease has made a recent appearance.

The vaccine contains the entire content of the bacilli, including the fats, one milligram of which is contained in each centimeter of the watery extract. The researches that have led up to the preparation of the present form of the vaccine have occupied many years. It will be the hope of all that a real advance has been made in the treatment and prophylaxis of tuberculosis by the use of this vaccine.

BIRDS, FISH AND GAME.

Commission of Conservation, Canada, Committee on Fisheries, Game and Fur-bearing Animals. Conservation of Fish, Birds and Game. Proceedings at a meeting of the Committee, November 1 and 2, 1915. The Methodist Book and Publishing House, Toronto.

This volume contains many and valuable addresses on the topics named in the title of the book. Almost every phase of the subject is discussed. The contents of this volume should receive the close attention of all who are interested in the preservation of our birds, fish and game.