soluble globulin. Since preparations agreeing well in composition and general properties with it have been similarly obtained from other leguminous seeds by dialysis, it is our opinion that the above analyses represent a distinct globulin which can be only in part removed from its solutions by dialysis in water. but is wholly separated, in a coagulated form, by dialysis in alcohol. This globulin is at present being further investigated, and it is our intention to offer more respecting its properties in a subsequent paper.

NOTE.

The Electrolytic Determination of Cadmium.\(^1\)—In preparing this paper we overlooked the paragraph on cadmium in Dr. Warwick's article, "Die Elektrolyse von Metall-Formiaten."\(^2\) We are under obligations to Prof. Edgar F. Smith for calling attention to this oversight.

S. AVERY and BENTON DALES.

BOOKS RECEIVED.

A Detailed Course of Qualitative Chemical Analysis of Inorganic Substances, with Explanatory Notes. By Arthur A. Noyes, Ph.D., Assistant Professor of Chemistry in the Massachusetts Institute of Technology. Third Revised and Enlarged Edition. 89 pp. 1897. New York: The Macmillan Co. Price, \$1.25.

An Outline of the Theory of Solution and its Results, for Chemists and Electricians. By J. Livingston R. Morgan, Ph.D. 63 pp. 1897. New York: John Wiley & Sons.

Tobacco. Bulletin No. 66. 39 pp. February, 1897. Kentucky Agricultural Experiment Station of the State College of Kentucky, Lexington, Ky.

The Principles of Mathematical Chemistry. By Dr. Georg-Helm. Translated from the German by J. Livingston R. Morgan, Ph.D. viii + 228 pp. New York: John Wiley & Sons. Price, \$1.50.

Fertilizer Analyses of the Fertilizer Control. Bulletin No. 44. April 17, 1897. 25 pp. North Carolina Agricultural Experiment Station, Raleigh, N. C.

The Sugar Beet: Culture, Seed Development, Manufacture, and Statistics. By H. W. Wiley. Farmer's Bulletin No. 52. February, 1897. 48 pp. U. S. Department of Agriculture. Washington, D. C.: Government Printing Office.

Texas Fever. (1) Experiments Confirming the "Tick Theory." (2)

¹ This Journal. 19, 379.

² Ztschr. anorg. Chem., 1, 291.

Experiments on the Prevention of Texas Fever. (3) Disinfection of Pastures. (4) Experiments to Determine if the Australian Cattle Fever is Identical with Texas Fever. Bulletin No. 37. January, 1897. 59 pp. Agricultural Experiment Station of the University of the State of Missouri, Columbia, Missouri.

The Lesser Apple Leaf Folder. The Leaf Crumpler. Bulletin No. 36. October, 1896. 19 pp. Agricultural Experiment Station of the University of the State of Missouri, Columbia, Missouri.

A Review of Oregon Sugar Beets. By G. W. Shaw. Bulletin No. 44. March, 1897. 49 pp. Oregon Agricultural Experiment Station, Corvallis, Oregon.

Ninth Annual Report of the Agricultural Experiment Stations of the Louisiana State University and Agricultural and Mechanical College for 1896. Baton Rouge, La. 12 pp.

Leguminous Root Tubercles. Results of Experiments by W. R. Dodson. Bulletin No. 46, Second Series. 13 pp. Agricultural Experiment Station, Baton Rouge, La.

Bulletin of the City Library. Vol. 1. No. 1. October, 1896. Officers and Staff; Hours; Classified List of Recent Additions; Reference List on Botany. 15 pp. Vol. 1. No. 2. November, 1896. Officers and Staff; Hours; Reference List on Chemistry, Chemical Technology, and Manufactures; Classified List of Recent Additions. 18 pp. Lowell, Mass.: Thompson & Hill.

Broom-Corn Smut. Bulletin No. 47. March, 1897. 60 pp. Agricultural Experiment Station of the University of Illinois, Urbana, Ill.

The San José Scale in Illinois. Bulletin No. 48. April, 1897. 16 pp. Agricultural Experiment Station of the University of Illinois, Urbana, Ill.

Ninth Annual Report of the Hatch Experiment Station of the Massachusetts Agricultural College, January, 1897. Boston: Wright & Potter Printing Co., State Printers, 18 Post Office Square. The report of the chemist, J. B. Lindsay, forming part of this volume, contains papers as follows: "Some Remarks Relative to the Carbohydrates of Agricultural Plants and Seeds;" "The Distribution of Galactan;" "The Phloroglucin Method for the Estimation of Pentosans;" "The Effect of Narrow and Wide Rations on the Quantity and Cost of Milk and Butter, and on the Composition of Milk;" "Feeding Experiments with Pigs;" "Analyses of Fodder Articles and Dairy Products;" "Tables of the Digestibility of American Feed-Stuffs." The report of Charles A. Goessman, Chemist Department of Fertilizers and Fertilizer Materials, besides field experiments and report on routine analyses, contains "Notes on Basic Phosphatic Slag (Slag Meal) as a Fertilizer;" "Action of Chloride of Potassium (Muriate of Potash) and Chloride of Sodium (Common Salt) on the Lime Resources of the Soil," and the "Effect of Chloride of Potassium (Muriate of Potash) on Sulphate of Ammonium in Mixed Fertilizers."