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June 1 to Oct. 1, 1884.

PRESENTED BY THE AUTHORS.

Oscar Loew and Thomas Bokorny. Die Chemische Kraftquelle im Lebenden Protoplasma. Acquired by Gift or Exchange.

Presented by Prof. A. R. Leeds :

“ Annual Report of the Chief Engineers of the Philadelphia Water Department for 1883.”

From the Royal Society of New South Wales :

“ Journal and Proceedings, 1882.”

From the Academie des Sciences, Paris :

“ Comptes Rendu, Vol. 96.”

From the Secretario de Fomento, Mexico :

“ Antonio Pennafiel Memoria Sobres las Aguas Potable de la Capital Mexico.”

From the North Carolina Agricultural Experiment Station :

“ Annual Report for 1879, '80, '81, '82 and '83.”

“ Chas. W. Dabney. “North Carolina Phosphates.”

“ Catalogue of the North Carolina Exhibits at the American Exposition, Boston, 1883.”

“ Analyses and Valuation of Fertilizers made up to May 1st, 1884.”

From the Massachusetts State Agricultural Experiment Station :

“ Bulletin No. 10, June 1884 ; No. 11, Sept. 1884.”

From the Bureau of Statistics, Washington, D. C. :

“ Quarterly Report of the Chief of the Bureau of Statistics, No. 3, 1883.”

From the American Institute of Mining Engineers :

“ Memorial of the Alexander Lyman Holley C. E., L.L. D.”

“ List of Officers and Members.”

Discussion of Mr. P. G. Saloms paper on “ Physical and Chemical Tests of Steel for Boiler and Ship plate for the United States Government Cruisers.”

“ Proceedings of the Chicago Meeting.”

- J. Birkinbine. "The Cerro de Mercado (Iron Mountain) at Durango, Mexico."
—— "Roasting Iron Ores."
J. C. Bayles. "The Study of Iron and Steel."
W. Lee Brown. "A Complete Gas Assaying Plant."
B. W. Cheever. "The Estimation of Phosphorus in Iron and Steel."
—— "Segregation of Impurities in Bessemer Steel Ingots on Cooling."
S. B. Christy. "The Miner's Fund of New Almaden."
P. Frazor. "Certain Silver and Iron Mines in the States of Nuevo, Leone and Coahuila, Mexico."
H. C. Freeman. "The Hydraulic Cement Works of the Utica Cement Co., La Salle, Ill."
J. Gjers. "Rolling Steel Ingots with their Own Initial Heat."
J. H. Hammond. "The Cauca Mining District, U. S. of Colombia, S. A."
J. S. Harris. "The Beneficial Fund of the Lehigh Coal and Navigation Company."
Wm. Kent. "Water Tube Steam Boilers at the Lucy Furnaces, Pittsburg, Pa."
J. B. Mackintosh. "The Influence of Organic Matter and Iron on the Volumetric Determination of Manganese."
G. W. Mainard. "Biographical Notice of Sir C. W. Siemens D. C. L., L.L. D., F. R. S."
F. H. McDowell. "Recent Improvements in Copper Smelting."
J. E. Mills. "A New Method of Shaft Sinking Through Water Bearing Loose Material."
M. W. Perry. "A New Mineral."
R. W. Raymond. "The Law of the Apex."
J. H. Seaman. "Note on Patching Platinum Crucibles."
Wm. P. Shinn. "The Distribution of Steam in Cities."
C. A. Stetefeldt. "Russell's Improved Process for the Lixiviation of Silver Ores."
A. F. Wendt. "A Blast Furnace with Bosh Walter Jacket and Iron Top."
—— "The Concentration of Iron Ores."
E. B. Wilson. "The Wolf Safety Lamp."