

# SCIENCE

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MSS. intended for publication and books, etc., intended for review should be sent to the Editor of SCIENCE, Garrison-on-Hudson, N. Y.

## THE SIXTH ANNUAL MEETING OF THE SOCIETY OF AMERICAN BACTERIOLOGISTS.

THE sixth annual meeting of the Society of American Bacteriologists was held at the Laboratory of Hygiene, University of Pennsylvania, Philadelphia, Pa., on December 27 and 28, 1904.

The opening address was by President F. G. Novy, of the University of Michigan, on 'The Hematozoa of Birds.'

*On the Hematozoa of Birds:* F. G. Novy, University of Michigan.

An abstract or partial summary of the results obtained in this study appeared in *American Medicine*, November 26, 1904. The work in full will come out in two papers, the first of which, dealing with the Trypanosomes in birds, will appear in the second number (1905) of the *Journal of Infectious Diseases*; the second paper, dealing with the Cytozoa, may be expected in the third number of that journal.

*The Effect of Freezing on Bacteria:* ERWIN F. SMITH and DEANE B. SWINGLE, U. S. Department of Agriculture.

More than 100 freezings were made using about a dozen different bacteria—saprophytes and plant and animal pathogenic forms. Quantitative determinations were made in all cases. With the exception of *Bacillus radicolica*, all of the exposures were made in +15 peptonized beef bouillon, using cultures 24 to 48 hours old. Part of the freezings were made in liquid air, the time of exposure varying from 10 minutes to 24 hours, but usually one half hour. The rest were made in salt