

Dr. W. B. Burnett: "Rubber."

Mr. Foster Robertson: "Synthetic Resins."

Second Series: Lectures on Professional Opportunities in Various Industries—What the Chemist and Chemical Engineer Have Done, Are Doing, and Can Probably Accomplish in These Fields

Dr. H. E. Foote: "Industrial Gases."

Mr. E. J. Casselman: "Glass."

Dr. H. A. Ambrose: "Petroleum Production."

Dr. D. R. Stevens: "Petroleum Refining."

Dr. E. W. Reid: "Solvents."

Dr. P. B. Davidson: "Paper."

Mr. C. F. Goldthwait: "Textiles."

Dr. R. N. Wenzel: "Fatty Oils and Soaps."

Dr. T. M. Andrews: "Cottonseed Products."

Dr. G. J. Cox: "Sugar."

Dr. M. W. Mead: "Zymochemistry."

Mr. E. R. Harding: "Foods."

Dr. H. K. Salzberg: "Dairy Products."

Dr. R. F. Beard: "Carbonated Beverages."

Dr. J. J. Enright: "Bacteriology, Chemistry and Public Health."

Dr. G. D. Beal: "Pharmaceuticals."

Dr. L. H. Cretcher: "Synthetic Medicinals."

W. A. HAMOR,
Assistant Director

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A COURSE IN ANIMAL SOCIOLOGY AT HARVARD UNIVERSITY

A NEW course at Harvard University, tracing the development of animal sociology from fish and insect groups to modern human societies, has been announced. The first course of its type to be given at the university, it covers the wide field of social behavior in every range of the animal kingdom.

The course has been arranged by the Department of Sociology, and will be conducted under the direction of Dr. Pitirim A. Sorokin, professor of sociology, and Professor William Morton Wheeler, professor of entomology, and associate curator of insects at the Museum of Comparative Zoology. Lectures will also be given by a distinguished group of specialists who have recently completed important investigations on the subject of animal sociology.

The object of the new course is to acquaint students with the wide range of social and collective behavior in the animal kingdom, and to examine the more significant types of this behavior. The large amount of recent investigation of the communal behavior of insects, birds and especially of the monkeys and anthropoids has yielded results of much theoretical interest to the student of anthropology and human sociology. Owing to the vast extent of the field, the lectures in the course have been apportioned among several specialists. Dr. Roderick Macdonald will present the material on aggregations in the lower invertebrates

and fishes, and Dr. Wheeler on the aggregations and communities of insects. Accounts of the family life of amphibia and reptiles will be presented by Mr. Arthur Loveridge. Flocks of birds and herds of lower mammals will be treated by Dr. Glover M. Allen, and the primitive communities of monkeys and apes by Dr. Earnest A. Hooton and Mr. H. J. Coolidge, Jr. A final lecture, comparing human and animal sociology, will be given by Professor Sorokin.

A considerable amount of illustrative material for the lectures has been accumulated. The Harvard Film Foundation has collected films to illustrate the social life of insects, birds and other forms of animal life. Also, by special arrangement and through the courtesy of Mr. Martin Johnson, some of his recent animal and ape films have been loaned for use in the course.

THE CENTURY OF PROGRESS EXPOSITION AND THE AMERICAN CERAMIC SOCIETY

THE American Ceramic Society will join the engineering societies of America in a week's program which the authorities of the Century of Progress Exposition have designated as "Engineers' Week." The proposed program has two objectives: (1) to provide arrangements so that the visiting engineers may see the exhibits of special interest to them under favorable circumstances, and (2) to provide means for bringing before ceramists, and thus before the public, through addresses and demonstrations, some of the contributions of ceramics to man's progress.

On Wednesday, June 28, 1933, the several societies will have a joint program tentatively arranged as follows: Members will meet at 9:30 A. M., in a suitable locality, such as the court of the Hall of Science, to receive the coat lapel decoration (to identify the delegates throughout the day) and to form in groups to be taken to the various exhibits as selected; a description of the exhibits to be visited will either be available at this point or will have been received by the members earlier. A suitable number of properly qualified guides will be on hand to take the groups to the points desired.

Each of the exhibits to be visited will put on special programs relating to the exhibitor's work. It is suggested that at the exhibits, in addition to any machinery or equipment demonstration the exhibitor may put on, the officials and scientific men whose work relates to the subject of the exhibit be present and perhaps make brief addresses.

At 12:30 there will be luncheon at the place or places which will later be determined when the restaurant plans are fully developed by the exposition. Afterwards short speeches and science demonstrations are proposed. At 2:30 or 3:00 o'clock trips to the