COLLECTIONS OF MEXICAN FOSSILS AT THE UNIVERSITY OF MICHIGAN

THE Museum of Paleontology of the University of Michigan has been the recipient of a valuable collection of slides of fossil foraminifera prepared and presented by Mr. R. Wright Barker, paleontologist of the Compañia Mexicana de Petroleo "El Aguila," S. A., Tampico, Mexico. The collection contains 72 species, represented by several hundred specimens, from the Upper Cretaceous and Tertiary formations of the Tampico region, Mexico. For several years Mr. Barker has been engaged in studying the micro-faunas of the geologic formations in eastern Mexico, and recently he published a chart showing the stratigraphic range of 231 of the more characteristic foraminifera in the Tampico Embayment. The collection which he now presents to the University of Michigan contains the species on which the chart is in part based. It is the first installment of a complete set to be deposited at the university to assure the preservation of valuable material which might eventually become lost or unavailable to science. This unique gift has been accepted by the regents of the university and will be known as "The Barker Collection."

In July, 1936, Mr. John Muir, of Fort Worth, Texas, deposited his collection of core samples, well cuttings, outcrop samples and fossils from eastern Mexico in the Museum of Paleontology at Ann Arbor. This material was used by Mr. Muir in the preparation of his book, "Geology of the Tampico Region, Mexico," and is therefore, in a sense, considered as type material.

A large number of marine invertebrate fossils, collected in 1925 in northern Mexico by geologists of the East Coast Oil Company under the direction of Professor Charles Lawrence Baker, were turned over to the University of Michigan in 1928. They have been the basis for paleontological studies recently published by Dr. R. W. Imlay and supported by the Horace H. Rackham School of Graduate Studies.

Because of the intensive regional geologic studies which have been carried out in Mexico during the past eight years under the auspices of the university, and the large collections of fossils which the expeditions have brought to the Museum of Paleontology, this museum is regarded as a logical center and depository for research material on which stratigraphic and paleontologic studies of Mexico are based.

LEWIS B. KELLUM

EXPEDITIONS OF THE FIELD MUSEUM OF NATURAL HISTORY

A REPORT of the expeditionary work of the Field Museum of Natural History during 1937 has been made public by Dr. Clifford C. Gregg, director of the Museum.

The Archeological Expedition to the Southwest, under the leadership of Dr. Paul S. Martin, chief curator of anthropology, has been charting and excavating prehistoric Indian sites in southwestern Colorado, not far from Mesa Verde National Park. A large collection of artifacts has been obtained, and the research conducted has yielded information which throws new light on the little-known history of the early aboriginals of the region.

The Botanical Expedition to Southeastern Mexico, led by Llewelyn Williams, curator of economic botany, recently completed its work in the Isthmus of Tehuantepec and parts of the states of Oaxaca and Veracruz. About 600 specimens of woods, 8,000 herbarium specimens, a large amount of palm material and several hundred photographs were obtained.

Dr. Julian Steyermark, assistant curator of the herbarium, spent the summer in making a collection and study of the flora of Missouri.

Professor A. C. Noé, of the University of Chicago, research associate in paleobotany, spent the summer in a study of the flora of Panama, working at the Barro Colorado Island Biological Station in the Canal Zone.

J. Francis Macbride, associate curator of the herbarium, continued his work, begun in 1929, of making photographs of type specimens of plants in European herbaria.

Bryan Patterson, assistant curator of paleontology, led the Paleontological Expedition to Colorado, obtaining a collection of important fossil mammals. He was assisted by James H. Quinn. Elmer S. Riggs, curator of paleontology, joined the party for a few weeks.

An extensive collection of rock specimens, illustrating various phenomena relating to the structure of the earth, was obtained by Sharat K. Roy, curator of geology, on an expedition in mountainous regions of Colorado.

Dr. Wilfred H. Osgood, chief curator of zoology, spent several months in French Indo-China, during which he collected some 500 mammal, bird and reptile specimens, including material for several habitat groups.

A Zoological Expedition to South America, which left in January, under the leadership of Emmet R. Blake, assistant curator of birds, is still in the field. Material for a habitat group of the rare and unusually interesting bird known as hoactzin has been obtained, as well as a large general collection of birds, mammals, reptiles and other kinds of animals of British Guiana and Brazil.

C. J. Albrecht, staff taxidermist, conducted an ex-

pedition during the summer to the Pribilof Islands, near Alaska, where he collected fur seals for a proposed habitat group.

Alfred C. Weed, curator of fishes, accompanied by L. L. Pray, staff taxidermist, collected representative fishes of the Atlantic Coast on an expedition to Frenchman's Bay in Maine.

Karl P. Schmidt, curator of reptiles and amphibians, headed two field parties. On the first, to mountain and desert regions of Arizona and California, he was accompanied by Leon L. Walters, staff taxidermist, and Dr. Alfred E. Emerson, of the department of zoology of the University of Chicago. On the second, to western Texas, he was accompanied by D. Dwight Davis, assistant curator of vertebrate skeletons, and Tarleton Smith, of the United States National Park Service. Both expeditions obtained important herpetological collections.

LECTURES AT THE COLLEGE OF PHYSICIANS OF PHILADELPHIA

A SERIES of scientific lectures will be held on the first Wednesday of each month, beginning on October 6, at the College of Physicians of Philadelphia. The lecturers and their subjects are as follows:

James M. Anders Lectures: Dr. H. C. Sherman, Mitchill professor of chemistry, Columbia University: "Optimal Nutrition as a Scientific Concept and an Economic Problem"; Dr. C.-E. A. Winslow, Lauder professor of public health, Yale University School of Medicine: "Housing and Health"; and Dr. C. Macfie Campbell, professor of psychiatry, Harvard Medical School: "Emotional Factors in Health and Disease."

Mütter Lecture: Dr. Edward D. Churchill, John Homans professor of surgery, Harvard Medical School: "The Pathology and Surgery of Bronchiectasis."

Weir Mitchell Oration: Dr. Detlev W. Bronk, Johnson professor of biophysics and director of the Johnson Foundation, University of Pennsylvania: "Cellular Changes in Nerve Activity."

Mary Scott Newbold Lecture: Dr. Harry Goldblatt, associate professor of pathology and associate director of the Institute of Pathology of the School of Medicine of Western Reserve University: "Experimental Hypertension."

Nathan Lewis Hatfield Lectures: Dr. Warfield T. Longcope, professor of medicine, the Johns Hopkins University School of Medicine: "Pathogenesis and Treatment of Streptococcal Infection"; and Dr. Charles H. Best, professor of physiology, University of Toronto: "Recent Experimental Work on Liver Function."

Mary Scott Newbold Lecture: Dr. Russell M. Wilder, professor of medicine, Mayo Foundation, Mayo Clinic: "Addison's Disease."

LAKE PLACID MEETING OF THE OPTICAL SOCIETY OF AMERICA

THE twenty-second meeting of the Optical Society of America was held at Lake Placid, New York, from October 14 to 16. The sessions were devoted to papers contributed by members on various aspects of optical materials. Among the speakers were: Dr. E. D. Tillyer, American Optical Company; Dr. George W. Morey, Geophysical Laboratory; Dr. W. B. Rayton, the Bausch and Lomb Optical Company; Dr. A. N. Finn, the National Bureau of Standards; and Dr. Donald C. Stockbarger, the Massachusetts Institute of Technology.

A special feature of the program was a motion picture made on the South Pacific eclipse expedition last June. It was presented by Professor F. K. Richtmyer, of Cornell University, and Dr. I. C. Gardner, of the National Bureau of Standards.

The Frederic Ives Medal, awarded biennially for distinguished work in optics, was presented to Dr. Herbert E. Ives, physicist at the Bell Telephone Laboratories, New York. He is the son of the late Frederic Ives, in whose honor it was established and is distinguished for his many contributions in all the departments of optical science. He is best known for his work on flicker photometry, stereoscopic photography, photoelectric cells, the transmission of photographs by wire and, more recently, his work in television.

The medal was presented to Dr. Ives at the annual dinner by Dr. Arthur C. Hardy, professor of physics at the Massachusetts Institute of Technology and president of the society. Frederic Ives, for whom the medal is named, died last May. He was internationally known for his development of the half-tone screen process used by newspapers and magazines in printing illustrations. He also made important contributions in the field of color photography and developed special types of optical apparatus.

Officers of the society elected for the coming year are: *President,* Professor R. C. Gibbs, Cornell University; *Vice-president,* Dr. K. S. Gibson, the National Bureau of Standards; *Secretary,* Dr. L. B. Tuckerman, the National Bureau of Standards, and *Treasurer,* Henry F. Kurtz, the Bausch and Lomb Optical Company.

AWARD OF THE CHEMICAL INDUSTRY MEDAL TO PROFESSOR CRANE

THE Chemical Industry Medal for 1937 has been awarded to Professor E. J. Crane, of the Ohio State University, who since 1914 has been editor of the *Chemical Abstracts* of the American Chemical Society.

The medal, bestowed annually for a "valuable application of chemical research to industry," has been awarded to Professor Crane for his work in abstracting technical and scientific papers in all fields of chemical industry. More than 60,000 abstracts are prepared and published annually by the staff at the Ohio State University, working under his direction. About