

These include the various kinds of angel-fishes, parrot-fishes, snappers, trunk-fishes, morays, barracudas, sea-horses, etc., and are most beautifully exhibited in the tanks of the aquarium. But much remains to be done in ascertaining what is available in the local fauna, and the director of the aquarium has already taken steps to carry out a preliminary biological survey of the region about Miami.

The aquarium is situated on the bay side of Miami Beach at the east end of the new causeway connecting the beach with the city of Miami. A line of electric cars crosses the causeway and makes the run in either direction in about twenty minutes. Hence a person working at the laboratory may reside either in Miami, the fourth largest city in Florida, or at Miami Beach, where sleeping apartments and bungalows may be had and where there are ample restaurant accommodations. Those who want particular information about the laboratory should apply to the director, Mr. L. L. Mowbray, Miami Aquarium, Miami Beach, Florida.

G. H. PARKER

HARVARD UNIVERSITY

#### THE TORONTO MEETING OF THE AMERICAN SOCIETY OF ZOOLOGISTS

THE executive committee of the American Society of Zoologists has decided to present at the meeting of the society at Toronto, Canada, December 28-30, 1921, a symposium program on the general subject of "Orthogenesis," broadly interpreted, the object being to bring into the discussion as many of the newer aspects from the varied fields of the natural and physical sciences as may be feasible. The speakers the committee have invited to address the society and the subjects of each speaker are as follows; several are still in the tentative stage, as indicated:

Professor L. J. Henderson, Harvard University, "Orthogenesis from the standpoint of the biochemist;" speaker to suggest an opener for the discussion. The speaker who has been invited is at present abroad.

Professor C. B. Lipman, University of California, "Orthogenesis in bacteria;" speaker to suggest an opener for the discussion.

Professor M. F. Guyer, University of Wisconsin, "Orthogenesis in serological reactions."

Professor Wm. Bateson, of England, discussion by Dr. O. C. Riddle, Cold Spring Harbor, Long Island, New York. Title not yet received.

Professor W. M. Wheeler, Harvard University, "Orthogenesis in ants;" discussion by Professor H. C. Crampton, Barnard College, New York City.

Professor H. F. Osborn, Columbia University, New York City, "Orthogenesis as observed from paleontological evidence beginning in the year 1889;" discussion by Dr. J. C. Merriam, Carnegie Institution.

CHARLES A. KOFOD,  
President

#### SCIENTIFIC NOTES AND NEWS

THE autumn meeting of the National Academy of Sciences will be held at the University of Chicago on November 14 and 15.

THE thirty-ninth stated meeting of the American Ornithologists' Union will convene in Philadelphia, at the Academy of Natural Sciences, from November 8 to 10.

THE Berzelius medal has been conferred on Professor E. Abderhalden, director of the physiological institute of the University of Halle, for his research on the defensive ferments and in other lines of biologic chemistry.

MR. A. CROMMELIN, assistant astronomer of the Royal Observatory at Greenwich, has been awarded the Pontecoulant Prize of the Paris Academy of Sciences in recognition of his general astronomical work.

PRESIDENT HARDING has appointed Dr. John Glover South, of Frankfort, former president of the Kentucky State Medical Association, as minister to Panama.

JAMES A. CRAWFORD left his position with the Buffalo Botanic Gardens on October 1 to accept an appointment as assistant curator at the New York Botanical Garden.

GEORGE M. ROMMEL, now chief of the division of animal husbandry of the Bureau of Animal Industry, United States Department of Agriculture, became editor-in-chief of the publications of the American International Publishers of New York, beginning on November 1. These include *The Field Illustrated*;