

tions of the members of the Council, and the formal thanks of the President of the Academy for his long and faithful service.

Mr. Seale's successor as Superintendent of the Aquarium is Mr. Robert J. Lanier, who has been Assistant Superintendent since 1930. Dr. Joseph Goodman, formerly Chemist and Aquarist, has been promoted to the position of Assistant Superintendent.



APPLICATIONS FOR MEMBERSHIP

NOTICE is hereby given to all Corporate Members that the Council at its meeting, July 18, 1941, approved the applications of Dr. H. F. Blum, Dr. N. E. Bradbury, Dr. Alexander Breese, Dr. Leland H. Brown, Dr. F. A. Jenkins, and Dr. C. L. Utterback for MEMBERSHIP in the California Academy of Sciences. If no objection to the election of these applicants be received at the office of the Academy within two weeks after July 31, 1941, they will be considered elected.

SECTION 562 P.L. & R.

ACADEMY NEWS LETTER

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August Announcement

THE REGULAR AUGUST MEETING of the California Academy of Sciences will be held in the Assembly Room (third floor) of the San Francisco Public Library on Wednesday evening, August 6, 1941, at eight o'clock. The speaker of the evening will be Dr. Chauncey D. Leake, Professor of Pharmacology in the University of California Medical School, who will take as his subject

SCIENCE AND HORSE-RACING

Dr. Leake was called in as a technical consultant in connection with recent allegations of drugging of race horses. He represented Governor Olson on a special board appointed to investigate the alleged use of caffeine to stimulate the horses to greater exertion than they would normally be able to put forth. Dr. Leake will explain how scientific method is used to protect the public even in its—well, let us say, amusements!

Dr. Leake, in addition to his work as a university professor, technical consultant, and writer on scientific and historical subjects, holds the posts of Librarian in the University of California Medical School, and Librarian of the California Academy of Sciences.

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ALVIN SEALE

SUPERINTENDENT EMERITUS OF THE STEINHART AQUARIUM

MR. SEALE BECOMES SUPERINTENDENT EMERITUS

ON JULY 1, 1941, Mr. Alvin Seale, Superintendent of the Steinhart Aquarium since its beginning, retired from active service with the title of Superintendent Emeritus.

Mr. Seale celebrated this new epoch in a busy and varied career by leaving with Mrs. Seale on an airplane tour of Alaska. Their northernmost objective is Point Barrow, which Mr. Seale visited in 1896 on an expedition for Stanford University.

Friends of Mr. and Mrs. Seale will recall that last summer they made a tour of the United States and part of Mexico by airplane. It is reasonable to suspect that Mr. Seale's enthusiasm for this mode of travel is born of experience with less efficient types of transportation. A native of Indiana, he made his first trip west on a bicycle, pedaling his way across the continent to become a student at Stanford University, a young institution just starting its second year.

Under the influence of such men as David Starr Jordan, Charles H. Gilbert and Oliver P. Jenkins, it was natural that Mr. Seale's interest as a student should have turned especially to fish. He became curator of fishes in the Bishop Museum, Honolulu, in 1901, which post he held till 1904. Then, following work at the Smithsonian Institution and with the United States Bureau of Fisheries, in 1907 he was appointed Chief of the Division of Fisheries of the Philippine Bureau of Science. It was while in this position that he became actively interested in public aquariums. The Manila Aquarium was established under his direction.

Returning from the Philippines in 1916, he was associated for a time with the Museum of Comparative Zoölogy at Harvard.

In 1921 Mr. Seale came to the California Academy of Sciences as a consultant on the construction of the Steinhart Aquarium, and remained to become the first superintendent of the Aquarium on its completion. His retirement thus marks twenty years of service to this institution.

Mr. Seale in 1939 presented to the Academy his valuable library of literature on ichthyology, which remains in his former office in the Steinhart Aquarium. In recognition of this gift he was declared a Patron of the California Academy of Sciences.

On June 26 Mr. Seale received the greetings of his friends at a tea in his honor held in the Aquarium, and the following day he was invited to attend a meeting of the Academy's Council where he received the personal felicita-