

FELLOWSHIPS OF THE ZOOLOGICAL SOCIETY OF SAN DIEGO

THE Zoological Society of San Diego announces that two fellowships are available to advanced graduate students for the pursuit of research work at the San Diego Zoological Research Laboratory on some phase of animal biology (concerned primarily with such branches as pathology, bacteriology, parasitology, physiology, comparative anatomy, comparative biochemistry, animal nutrition or animal psychology). The stipend of each scholarship is \$1,000 per annum.

The Zoological Hospital and Research Laboratory is supported by public appropriations and endowed funds, and is devoted to problems concerned with the health and normal life of animals, in and out of captivity, and to various phases of biological research. It is conducted in connection with the San Diego Zoological Gardens, which house 3,000 animals, including 175 species of mammals, 500 species of birds and 150 species of reptiles.

Research facilities include a two-story building with individual laboratory and office rooms. Refrigeration, incubation, x-ray equipment, microphotographic apparatus, microtomes, microscopes, etc., are available in the building. An extensive outdoor animal isolation yard houses all new animals and research material. New animals are continually arriving from different parts of the world, often presenting special problems in nutrition and health. There is a wealth of material for pathological, parasitological and anatomical study from the Zoological Gardens and other cooperating agencies.

Since the Zoological Research Laboratory is not directly affiliated with any university, it is desirable that the recipient of the scholarship work under the direction of the department from which he applies and preference will be given to candidates for an advanced degree, it being understood that only the thesis or dissertation requirements or parts thereof can be fulfilled at the laboratory.

The Research Committee of the institute is comprised of a group of local biologists who participate in the activities of the hospital and laboratory by invitation of the Board of Directors of the Zoological Society without compensation. Their counsel is available to students and research workers. Seminars are held at regular intervals.

Further information will be sent upon request. Applications should be forwarded to Chas. R. Schroeder, Zoological Research Laboratory, Balboa Park, San Diego, Calif., before June 15, 1940.

AWARD OF MEDALS OF THE ROYAL GEOGRAPHICAL SOCIETY

IN his presidential address at the annual general meeting of the Royal Geographical Society on June

24, Field-Marshal Sir Philip Chetwode announced, according to the *London Times*, that it was the pleasure of the King, the patron of the society, that the council of the society should make this year its usual recommendation for the award of the royal medals. He approved these recommendations, but signified that the gold medals could not be struck until after the war.

The Founder's Medal was awarded for the first time in the society's history to a man and his wife jointly, for the work done for geography by Mr. and Mrs. Harold Ingrams was indivisible. The president paid tribute to their work in connection with the Wadi Hadhramaut. The Patron's Medal was awarded to Lieutenant Alexander R. Glen, of the Royal Navy, for his expeditions in Spitsbergen and in North-East Land, in one of which he maintained two stations on the Ice Cap throughout the winter and established a whole new technique of wintering under the worst conditions and keeping perfect health.

The Victoria Medal for conspicuous merit in scientific geography was awarded to O. G. S. Crawford, archeology officer of the Ordnance Survey. The Murchison Grant was awarded to Peter Mott for his surveys in West Greenland. The Back Grant was awarded to Gerald Seligman for his glacier studies conducted last year on the Jungfrauoch. With a small team of specialists working in a laboratory which was excavated in the glacier curtain, and so kept automatically at freezing point, he had obtained important evidence of the method by which the snow of the névé became transformed into the ice of the glacier, and on the process of movement.

The Cuthbert Peek Grant was awarded to John Hanbury-Tracy for his work in southeastern Tibet and his more recent journey in South America. The Gill Memorial was awarded to Alexander King for his work in Jan Mayen in 1938.

THE NEW HAMPSHIRE MEETING OF MATHEMATICIANS

THE American Mathematical Society, the Mathematical Association of America and the Institute of Mathematical Statistics will meet at Dartmouth College from September 9 to 12. Before the American Mathematical Society a series of four colloquium lectures by Professor G. T. Whyburn, of the University of Virginia, on "Analytic Topology" will be given on Tuesday morning and afternoon, and on Wednesday and Thursday mornings. Professor Leonard Carltz, of Duke University, will give an address entitled "Arithmetic of Polynomials in a Galois Field" on Thursday afternoon. There will be a joint session on Tuesday afternoon with the Institute of Mathematical Statistics. At a session of the institute on Wednesday morning Professor J. L. Doob, of the University of Illinois, will speak on "Probability as Measure" and

Professor R. von Mises, of Harvard University "On the Foundations of Probability and Statistics"; on Thursday morning there will be addresses by Professor J. Neyman, of the University of California, on the "Estimation by Intervals as a Problem in Classical Probability" and by Dr. J. F. Daly, of the Catholic University, on "Statistical Estimation in Large Samples."

The Mathematical Association will hold two sessions on Thursday, one in the morning and one in the afternoon.

A joint dinner of the societies will be held on Tuesday evening at seven o'clock in Thayer Hall. On Monday evening at 8 o'clock there will be an entertainment in Dartmouth Hall, followed by an open house. During the evening there will be an exhibition of a collection of string models of ruled surfaces constructed by Professor Robin Robinson.

On Wednesday afternoon there will be an excursion to Franconia Notch in the White Mountains. Busses will leave Massachusetts Row at 1:30 P.M. It is expected that the busses will return to Hanover between 8 and 9 P.M. A picnic lunch *en route* is planned.

RECENT DEATHS

DR. CHARLES PURYEAR, dean emeritus of the Agricultural and Mechanical College of Texas, died on July 11. He was seventy-nine years old. Dr. Puryear was professor of mathematics at the college from 1890 to 1932.

ARTHUR HOLMES HOWELL, senior biologist of the

Bureau of Biological Survey of the U. S. Department of Agriculture, now a division of the Fish and Wild Life Service, died on July 10 at the age of sixty-eight years. Mr. Howell became a member of the staff of the Biological Survey in 1895.

DR. ALVAH HORTON SABIN, consulting chemical engineer of the National Lead Company, died on July 8 at the age of eighty-nine years.

DR. JOSEPH WILLIAMS SCHERESCHEWSKY, medical officer in charge of cancer investigations of the U. S. Public Health Service, associate in preventive medicine and hygiene at the Harvard Medical School, died on July 9. He was sixty-seven years old.

THE death is announced of Dr. Hans Virchow, professor of anatomy at the University of Berlin.

Nature records the death of Sir Thomas Hudson Beare, regius professor of engineering in the University of Edinburgh, on June 10, aged eighty years; of Oliver Gatty, research chemist, aged thirty-two years, and A. S. Chessum, research engineer, aged twenty-seven years, during an experiment in connection with air-raid precautions, on June 5; of Sir Jocelyn Thorpe, emeritus professor of organic chemistry of the University of London and in the Imperial College of Science and Technology, on June 10, aged sixty-seven years. Sir Arnold Wilson, distinguished for his administrative work in India and Persia, chairman of the British Industrial Health Research Board from 1926 to 1933, has been reported by the War Office as missing.

SCIENTIFIC NOTES AND NEWS

DR. RICHARD C. TOLMAN, of the California Institute of Technology, has been elected vice-chairman of the Defense Research Committee recently appointed by President Roosevelt with Dr. Vannevar Bush, president of the Carnegie Institution of Washington, as chairman. Brigadier General G. V. Strong, assistant chief of staff of the Army, and Rear Admiral Harold G. Bowen, director of the Naval Research Laboratory, have been assigned to this committee as representatives, respectively, of the War and Navy Departments. Other members of the committee are: President Karl T. Compton, of the Massachusetts Institute of Technology; President James B. Conant, of Harvard University; Dr. Frank B. Jewett, president of the National Academy of Sciences, and Commissioner of Patents Conway P. Coe.

THE new laboratory of the National Advisory Committee for Aeronautics, at Moffett Field, Calif., will be named for President Emeritus J. S. Ames, of the Johns Hopkins University, who was chairman of the

committee for twenty years before his retirement last autumn.

HAROLD EARLE THOMPSON, vice-president and chief engineer of the Carbide and Carbon Chemicals Corporation, New York, N. Y., received the degree of doctor of science from West Virginia University at its commencement exercises in recognition of "outstanding contributions to the fields of engineering and chemistry and his part in the development of the chemical industry of the Kanawha Valley."

COLGATE UNIVERSITY has conferred the doctorate of science on Charles Edward Wilson, president of the General Electric Company, and on Dr. Richard H. Hutchings, retired superintendent of the Marcy State Hospital at Utica.

IN addition to the awards in Group I for exhibits of individual investigation, which are judged on the basis of originality and excellence of presentation, made at the recent meeting in New York City of the