

have the water-soluble ethereal sulfates as represented by agar, carrageenin and fucoidin; they are similar to the mucilages in some of their properties. Secondly, there are the water-soluble reserve carbohydrates consisting exclusively of glucose units; they are represented by laminarin and occupy a position similar to that of starch in the land plants. In the third group we have the alkali-soluble polyuronides, repre-

sented by algin, which are analogous to pectin. The accompanying diagram summarizes the writer's view of the sources of these interesting seaweed colloids, or phycocolloids, and their interrelationship. It is to be noted that there are as yet no commercial colloids extracted from the other two seaweed groups, the green algae (Chlorophyceae) and the blue-greens (Cyanophyceae).

OBITUARY

MILO HERRICK SPAULDING

HERRICK SPAULDING was born on June 10, 1879, at Rutland, Vermont. He died on Easter Sunday, April 1, 1945, after a long illness. At the time of his death he was professor of zoology at Montana State College, where he had taught for thirty-seven years. He was a member of Sigma Xi, Phi Kappa Phi and Phi Sigma as well as many of the technical societies in his two main fields of mammalian anatomy and embryology. He was graduated from Stanford University in 1903 and received the M.A. degree in 1906 from the same institution.

Herrick Spaulding was one of the real old-time zoologists—painstaking in detail, patient and a never-ending source of help and encouragement. Not only his colleagues but two generations of students will remember him, as a teacher, for longer than we remember most.

CLARENCE ARCHER TRYON, JR.

MONTANA STATE COLLEGE

RECENT DEATHS

DR. WILLIAM WORTHINGTON HERRICK, president of the New York Academy of Medicine, died on June 1 at the age of sixty-six years.

DR. MERTON BENWAY WAITE, principal plant pathologist at the station at Beltsville, Md., of the U. S. Department of Agriculture, with which he had been associated for more than fifty years, died on June 6 at the age of eighty years.

CURTIS J. HESSE, curator of the museum of the Agricultural and Mechanical College of Texas, died on May 8. Mr. Hesse was a vertebrate paleontologist who had specialized in the vertebrate faunas of the later Tertiary beds of the Gulf Coast Plain.

Nature reports the death on May 7 of Dr. K. J. W. Craik, director of the unit of applied psychology of the Medical Research Council, at the age of thirty-one years, and of Thomas J. Nolan, since 1932 professor of chemistry at University College, Dublin, on March 12 at the age of fifty-six years.

SCIENTIFIC EVENTS

THE INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

THE International Commission on Zoological Nomenclature announces its intention of publishing at an early date a revised and up-to-date edition (1) of the International Code of Zoological Nomenclature and (2) of the Official List of Generic Names in Zoology. The following is a statement of the plans:

THE INTERNATIONAL CODE OF ZOOLOGICAL NOMENCLATURE

The last edition of the English text was published some years before the war and is now out of date for various reasons, including the adoption by the International Congress of Zoology of changes in some of the articles in the International Code. The International Commission has, therefore, arranged for the early publication of a revised and up-to-date edition consisting of the substantive French text (on left-

hand pages) and the English translation (on right-hand pages). The volume, which will be fully indexed, will also contain a detailed analysis of all the "Opinions" so far rendered by the International Commission in regard to the interpretation of the provision of the code.

THE OFFICIAL LIST OF GENERIC NAMES IN ZOOLOGY

The "Official List" was established by the International Congress of Zoology at its meeting at Monaco in 1913 for the purpose of recording full particulars relating to the names of the 5,000 to 10,000 best-known and most important genera in the Animal Kingdom with their type species. So far, however, only about 700 names have been placed on the "Official List." This is largely due to the fact that the decisions taken by the International Commission have never hitherto been brought together in a single volume and with a full index.

The International Commission attaches great importance to the "Official List," which they hope will develop into a powerful instrument for stabilizing zoological nomenclature. The International Commission believes that the forthcoming publication of the "Official List" in book form will be of great practical value to workers in many fields. It is the hope of the commission that its publication will stimulate specialists to make proposals for the addition to the "Official List" of other generic names of importance not only in systematic zoology but also in the applied sciences and in the teaching of zoology at the universities.

The International Commission is anxious to issue each of the above works at the lowest possible price, for they desire that both shall be within the financial means of every zoologist. It will only be possible for the International Commission to achieve this object, if before publication they are assured of a sufficient volume of immediate sales. Zoologists are accordingly invited at once to register themselves as prospective subscribers. As soon as the publication price has been fixed, a notification will be sent to all such subscribers who will be granted a discount of twenty per cent. on the publication price, provided that payment at the reduced rate is made to the commission before the date of publication. All inquiries should be addressed to the International Commission on Zoological Nomenclature at their Publications Office, 41 Queen's Gate, London, S.W.7.

FRANCIS HEMMING,
*Secretary to the International Commission
on Zoological Nomenclature*

MAY 8, 1945

ANNIVERSARY OF THE ACADEMY OF SCIENCES OF THE U.S.S.R.

A NUMBER of scientific men, including members of the American Philosophical Society, the National Academy of Sciences, the American Academy of Arts and Sciences and the Society of the Sigma Xi, left New York this week by plane to attend at the invitation of the Soviet Government the two hundred and twentieth anniversary of the Academy of Sciences of the Union of Soviet Socialist Republics, which will be held from June 15 to 28 in Moscow and Leningrad.

Dr. Harlow Shapley, director of the Harvard College Observatory, will represent the Society of Sigma Xi and the Independent Citizens' Committee of the Arts, Sciences and Professions at the anniversary celebration. Dr. Detlev W. Bronk, professor of biophysics at the University of Pennsylvania, will represent the National Academy of Sciences.

A scroll containing greetings to the scientific men of the Soviet Union signed by twelve Americans was presented to Dr. Shapley by Dr. Harold C. Urey, professor of chemistry at Columbia University.

Among those included in the party in addition to Dr. Shapley and Dr. Bronk are Dr. James W. Alexander, professor of mathematics at the Institute for Advanced Study, Princeton, N. J.; Dr. James E. Church, of Reno, meteorologist for the U. S. Weather Bureau; Dr. Edward U. Condon, associate director of the research laboratory of Westinghouse Electric Corporation, East Pittsburgh, Pa.; Dr. Henry Field, of the Library of Congress; Dr. Isaac M. Koltzoff, head of the department of chemistry of the University of Minnesota; Dr. Irving Langmuir, associate director of the research laboratory of the General Electric Company, Schenectady, N. Y.; Dr. James W. McBain, professor of chemistry at Stanford University; Dr. Duncan A. MacInnes, member of the Rockefeller Institute for Medical Research; Dr. Arpad L. Nadai, consulting engineer of the Westinghouse Laboratory; Arthur Upham Pope, archeologist and director of the Iranian Institute, New York; Edwin S. Smith, director of the National Council of American-Soviet Friendship, Inc.; Manuel S. Vallarta, president of the Mexican Academy of Sciences.

While in Russia Dr. Shapley expects to observe the total solar eclipse of July 9, which will originate in Idaho and terminate in Siberia. Members of the eclipse party will include Dr. Duncan MacInnes, Dr. Irving Langmuir, Dr. Henry Field, Dr. Edward U. Condon and Manuel S. Vallarta.

NEW FLUID MECHANICS LABORATORY AT SYRACUSE UNIVERSITY

A NEW Fluid Mechanics Laboratory, which will be devoted to experimental and test work in the field of fluid mechanics, and featuring pump testing and analyses of performance of pumps, is being installed in the College of Applied Science of Syracuse University.

This new addition to the facilities of the department of mechanical engineering has been made possible by a recent gift of \$10,000 from the Oberdorfer Foundries, Inc., of Syracuse, N. Y., through its president, Kenneth A. Digney.

This laboratory will be in Machinery Hall in a space along the west wall on the same floor as the machine shop. This space, 21 feet by 44 feet, is enclosed by a partition wall of frame construction with a wall covering of heavy plywood to a height of eight feet with glass enclosure above this height reaching to the ceiling, which is about fifteen feet above floor level. The heavy plywood wall covering was chosen in preference to plaster or other materials so as to resist without serious damage the impact of accidental blows from tools or from machinery being moved and, also, to permit easy mounting of lightweight instruments on the walls. A partition wall divides the space into two rooms, allowing a smaller