

gestions from scientists in all fields. Correspondence should be addressed to William N. Woodward, Association of Los Alamos Scientists, P. O. Box 1663, Santa Fe, New Mexico.

## AWARDS OF THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS

THE American Society of Mechanical Engineers, holding its four-day 66th annual meeting in New York on November 27, conferred its annual honors and awards for distinguished work in engineering, education, research or literature, at a dinner and honors night held at the Hotel Astor. More than 1,500 members and guests attended. Lieutenant General Ira C. Eaker, Deputy Commander, Army Air Forces, was the speaker. Alex D. Bailey of Chicago, president of the society, presided.

The medal of the society, given for distinguished service in engineering and science, was awarded to Dr. William Frederick Durand, professor emeritus of mechanical engineering at Stanford University, in recognition of his work in forwarding the design and application of principles of jet propulsion and for his effective leadership of the division of engineering and industrial research of the National Research Council, of which he is the former chairman.

The Holly Medal, presented for "some great and unique act of genius of an engineering nature," was awarded to Dr. Sanford Alexander Moss, General Electric engineer of West Lynn, Mass., for his many contributions to the development and application of turbosuperchargers to internal combustion engines.

Joseph M. Juran, professor of and chairman of the department of administrative engineering, New York University, was recognized for his contribution to the problem of quality control in mass production, and other writings, with the Worcester Reed Warner Medal, given for noteworthy contributions to engineering literature.

William Julian King, of the fuels division, Battelle Memorial Institute, Columbus, Ohio, was presented with the Melville Prize Medal for an original work, for his paper, "The Unwritten Laws of Engineering." His research is concerned chiefly with the fundamentals of combustion liquid fuels and the development of gas turbines.

Bruce Eugene Del Mar, of Santa Monica, Calif., received the junior award for his paper: "Presentation of Centrifugal Compressor Performance in Terms of Non-dimensional Relationship."

Jack Drandell, of Milwaukee, Wis., won the Charles T. Main Award for his paper entitled "Engineering in the New South."

The undergraduate student award was presented to Ensign John Waldemar Erickson, of Chicago, for

his paper on "Increasing the Efficiency of Gas Turbines."

Elected to honorary membership were:

Rear Admiral Harold Gardiner Bowen, U.S.N., Naval Research Laboratory, Washington, D. C., for his service to his country: "his valiant and successful fight to introduce steam of high pressures and high temperatures into the United States Navy. The resulting performance to-day is making naval history."

Dugald Caleb Jackson, professor emeritus, Massachusetts Institute of Technology, 5 Mercer Circle, Cambridge, Mass., for outstanding leadership in education and consulting engineering fields.

Andrey Abraham Potter, acting president and dean of engineering, Purdue University, for leadership in adjusting engineering education to the needs of the war training as chairman of the ASMWT Program of the U. S. Office of Education.

Dr. Wong Wen-hao of Chungking, China, was honored *in absentia* for his preeminence in the field of professional public service, as vice-president of the Executive Yuan and Minister of Economic Affairs and head of the National Reconstruction Commission of his country.

Sir William Arthur Stanier, F.R.S., London, was also honored *in absentia*. The actual presentation had been made to him at a joint meeting of engineers in Canada recently. The award was for influencing "in an outstanding fashion the technique of railway transport."

## HALF CENTURY MEMBERS

For a half century of membership in the American Society of Mechanical Engineers, fifty-year citations were awarded to the following: J. Francis Booraem, Greenwich, Conn.; George W. Colles, Rosharon, Texas; Fred H. Colvin, Point Pleasant, N. J.; William S. Conant, Washington, D. C.; Edward Richard Gnade, Oil City, Pa.; Frederick A. Goetze, New York; John W. Gray, Wayne, Pa.; Arthur M. Greene, Jr., Princeton, N. J.; George F. Hardy, New York; Albert C. Larkin, Montreal; Peder Lobben, Norway; William E. Mathews, Birmingham, Ala.; John A. Pilcher, Roanoke, Va.; Arthur Louis Rice, Wilmette, Ill.; A. M. Robeson, Marlow, England; George B. Willcox, Saginaw, Mich., and Howard E. Williams, Calumet, Mich.

## THE GEOLOGICAL SOCIETY OF AMERICA

THE fifty-eighth annual meeting of the Geological Society of America will be held under the auspices of the Geological Society of Pittsburgh, on Thursday, Friday and Saturday, December 27, 28 and 29, at the Hotel William Penn, Pittsburgh.

All those attending the meetings are requested to register promptly on arriving.

The annual dinner will be held on Friday evening, December 28, at 7 o'clock in the ballroom. A complimentary dance will be arranged if this is found to be desired.

For the accompanying ladies, trips will be arranged to the "University Skyscraper," the Carnegie Museum and other points of interest in and about the city. Luncheons and other entertainments will also be provided.

If weather permits impromptu geological trips will be made. Other excursions to the Gulf Research Laboratories, the Mellon Institute of Industrial Research, the Carnegie Museum and similar points of interest may be arranged.

Local geologists will be glad to make tentative plans for informal trips. Any one interested should communicate with Dr. Charles R. Fettke, chairman of the Excursion Committee. His address is 1118 Wightman Avenue, Pittsburgh, Pa.

Associated societies which will hold meetings in conjunction with the society are as follows:

*The Paleontological Society*, thirty-seventh annual meeting, Secretary, H. E. Vokes, the Johns Hopkins University, Baltimore 38, Maryland.

*The Mineralogical Society of America*, twenty-sixth annual meeting, Secretary, C. S. Hurlburt, Jr., Department of Mineralogy, Harvard University, Cambridge, Massachusetts.

*The Society of Economic Geologists*, twenty-sixth annual meeting, Secretary, C. H. Behre, Jr., Columbia University, New York 27, N. Y.

*The Society of Vertebrate Paleontology*, fifth annual meeting, Secretary, E. H. Colbert, the American Museum of Natural History, New York, N. Y.

## PSYCHOLOGICAL MEETINGS AT SAINT LOUIS

SECTION I of the American Association for the Advancement of Science and the Midwestern Psychological Association are meeting jointly in Saint Louis from March 28-30, 1946. Aside from the addresses of the vice-president of Section I and the president of the Midwestern Association, the program will be devoted to the usual papers. Abstracts in quadruplicate not exceeding 300 words in length should be sent to Dael Wolfe, Department of Psychology, University of Chicago, Chicago 37. The dead line for receipt of abstracts in Chicago is January 20. The abstracts will be turned over to a joint program committee to be announced later.

Papers will be limited to fifteen minutes in length, and ten-minute papers will also be scheduled. Any lantern slides should be included in the time limit for the paper. If a lantern is needed, this fact should be specified in the abstract. The time desired (ten or fifteen minutes) should also be noted. Each abstract should be accompanied by an additional short abstract of fifty words to be published as part of the proceedings. It should also be accompanied by a signed statement, as follows: "If this paper is accepted and

placed on the program, I agree to be present in person to deliver it unless circumstances beyond my control prevent me from attending."

HAROLD E. BURTT, *Secretary of Section I, American Association for the Advancement of Science*

## A TRIBUTE TO THE EDITORIAL BOARD OF THE JOURNAL OF EXPERIMENTAL ZOOLOGY

THE one hundredth volume of the *Journal of Experimental Zoology* is coming off the press. The editorial board which serves this journal and American biology merits an expression of admiration both for their service to the journal and for their truly remarkable and effective longevity.

On this board are the names of eight internationally known biologists whose contributions to scientific literature represent a distinct epoch in the history of experimental biology in America. Since the founding of the journal and the appearance of the first volume in 1904 Dr. Ross G. Harrison, who on January 13, 1946, will be 76 years of age, has served as managing editor. I am told that with the completion of the one hundredth volume he will have edited 50,000 printed pages. The other members of this board are also so well known from their scientific contributions and their influence upon American biology that what I might attempt to say here could not possibly do them justice. The main point before us is their continued function at ages far beyond that where many men not only cease to function but cease to enjoy living.

Professor William E. Castle has just passed his 78th birthday. Professor Edwin G. Conklin is now at the beginning of his 83rd year. Professor Herbert S. Jennings will be 78 years old on April next. Professor Frank R. Lillie will be 76 years old on his next birthday. The late Professor Thomas H. Morgan reached his 79th birthday in September last. Professor George H. Parker will celebrate his 81st anniversary before the new year. The only member of this board who might be considered as a veritable youth is Professor Merkel H. Jacobs, who is at the tender age of 62.

It seems extremely doubtful whether a similar record will ever be achieved again by any group of experimental biologists. They not only deserve but receive the felicitations of the entire biological world.

SAMUEL R. DETWILER

## NEWS FROM ABROAD

### LETTER FROM PROFESSOR MARCEL FLORKIN

Dr. Harold F. Blum, of the Naval Medical Research Institute at Bethesda, Md., has recently received a