

difficult of access during the southern winter are to start their Polar Year on January 1, 1933, but will likewise, insofar as practicable, extend the program over 13 months.

While the fundamental activities, magnetic and meteorological observations, are the same for the First and Second Polar Years, there is a great contrast in the associated activities, practically all of which were undreamed of at the time of the First Polar Year. Our knowledge of the interrelations of the different phenomena that are to be observed is still very inadequate both from the scientific and from the practical view-point. The results will be of very great value to all the organizations which are taking part and indirectly to the inhabitants of the earth as a whole. Not only will the government activities, which usually emphasize the practical view-point, benefit, but such organizations as the Carnegie Institution of Washington, which is making a study of the earth's magnetism as a whole, will find that the filling of important gaps in observations will aid greatly in their attack on the problem.

R. S. PATTON,

Director, U. S. Coast and Geodetic Survey

THE DEPARTMENT OF PHYSICS AT THE UNIVERSITY OF CALIFORNIA

TWELVE physicists have selected the University of California department of physics as a place to carry on research during the coming academic year, according to an announcement made by Professor E. E. Hall, chairman of the department.

Two men will come to Berkeley as Rockefeller Foundation Fellows, to work with Professor R. T. Birge. They will be: Dr. H. O. Kneser, of the University of Marburg, Germany, due in Berkeley about October 1, and Dr. Rafael Grinfeld, of La Plata University, Argentine, starting about September 15.

Dr. Robley D. Evans, National Research Council Fellow from the California Institute of Technology, will arrive about September 1 to work with Professor Leonard Loeb. Dr. Wendell H. Furry, another National Research Council Fellow, will arrive about August 15 to work with Associate Professor J. R. Oppenheimer. Dr. F. L. Nutting, of the Drexel Institute, Philadelphia, is now working in the department on certain properties of quartz under the action of x-rays.

Other research men will work with Professor E. O. Lawrence, head of the new Radiation Laboratory. They will be Dr. Malcolm C. Henderson, of the University of Cambridge and honorary fellow at Yale University, who will visit from August 15 to December 31; Dr. John J. Livingood, instructor in physics last year at Princeton, arriving about August 15; Dr.

Edwin M. McMillan, National Research Council Fellow from Princeton, arriving about October 1; Dr. Donald Cooksey, Yale University, visiting between August 1 and September 15; Dr. F. N. D. Kurie, Yale University, August 1 to September 15; Dr. James Brady, research fellow at St. Louis University, working until August 31. Dr. M. S. Livingston, alumnus of the University of California, is expected to continue work in the radiation laboratory.

THE YORK MEETING OF THE BRITISH ASSOCIATION

THE British Association for the Advancement of Science will meet in York from Wednesday, August 31 to Wednesday, September 7. According to a summary of the final program given in the *London Times*, the inaugural general meeting, at which the presidential address will be given by Sir Alfred Ewing, will be held on the evening of the opening day. Subjects for discussion include the suppression of noise, forestry, films as a cultural and educational force, deep-focus earthquakes, the electric propulsion of ships and the preparation and uses of statistics in business. Mr. R. Borlase Matthews will speak to Section G on the "Distribution and Utilization of Power from the Grid," and Sir W. M. Flinders Petrie will address Section H on "Copper and Bronze in Palestine." Lieutenant-Colonel Sir David Prain will give his presidential address to the conference of delegates from corresponding societies on "The Conservation of Wild Life in Relation to the Scheme for National Parks."

On Friday, Professor R. B. Forrester will deliver his presidential address to Section F on "Britain's Access to Oversea Markets," and Professor Miles Walker will give his to Section G on "The Call to the Engineer and Scientist." Another presidential address on this day will be to Section L by Mr. W. H. Heller on "The Advancement of Science in Schools: Its Magnitude, Direction and Sense." There will be a discussion on "Crop Production, with Special Reference to the Increased Use of Mechanical Power." In Section G, Mr. A. P. M. Fleming will give "An Engineer's Review of the Soviet Enterprise," and Dr. J. Burt Davy will talk to Section K on "The Cricket Bat Willow."

Three sectional presidential addresses will be given on Monday. Professor P. G. H. Boswell will speak to Section C on "The Contacts of Geology: the Ice Age and Early Man in Britain." Professor B. Edgell's address to Section J will be on "Current Constructive Theories in Psychology," and Professor J. H. Priestley will discourse to Section K on "The Growing Tree." There will be a discussion on railway