

cord on January 8, after an acute illness of several weeks. Of all the younger workers he showed perhaps the greatest promise of leadership in the impending development of the science and art of freshwater fish management. Three annual survey reports, the last of which was only recently published, stand as tributes to his energy and competence. He made worth-while contributions to herpetology as well as ichthyology and fisheries science, and was engaged in a brilliant and pioneering research dealing with the effect of altered periods of daylight on the time of reproduction in fishes. An investigation of dwarfing in trout, from the systematic and evolutionary as well as fisheries view-point, was well under way and was to have been utilized for a doctorate dissertation at the University of Michigan.

Hoover was born at Somerset, Pennsylvania, on December 5, 1911. His undergraduate studies were carried on at Lebanon Valley College, and graduate work was done at the Johns Hopkins University, where he served as instructor in 1934-35. Before assuming

the position in New Hampshire in 1936, he worked one year as field zoologist in the National Park Service. Despite a tragically short career, Earl Hoover made many friends and a very real impression in several fields of scientific endeavor.

CARL L. HUBBS

#### RECENT DEATHS

DR. WILLIAM EBENEZER FORD, since 1920 professor of mineralogy at Yale University, with which he had been connected since he graduated in 1899, died on March 23 at the age of sixty-one years.

DR. FRANK NELSON GUILD, professor emeritus, formerly head of the department of geology and mineralogy of the University of Arizona, died on March 12 at the age of sixty-eight years. Dr. Guild had been a member of the faculty of the University of Arizona since 1897.

THE death is announced of Dr. Gustav Hellmann, professor of meteorology at Berlin.

### SCIENTIFIC EVENTS

#### EXCURSIONS AT THE CALIFORNIA MEETING OF THE AMERICAN GEOLOGICAL SOCIETY OF AMERICA

A SUMMER meeting of the Geological Society of America will be held under the auspices of the Cordilleran Section from August 8 to 10 at the University of California at Berkeley. In conjunction with the society there will be meetings of the Paleontological Society, the Seismological Society and the Society of Economic Geology.

An elaborate program of excursions has been arranged. These include three mutually exclusive local excursions to points of interest near San Francisco Bay scheduled for Thursday afternoon, August 10. One excursion will follow the course of the Hayward fault along the front of the Berkeley Hills. This fault is similar to the San Andreas fault in that the chief movement has been horizontal. Distinctive features of the fault will be visited. A second excursion will visit quarries where the Miocene bedded opaline cherts are exposed. A third excursion will visit Hunters Point in San Francisco. Here, Jurassic Franciscan rocks are well exposed.

More extended excursions have been planned to start on Friday, August 11. For these excursions, advance registration is necessary. If an insufficient number of reservations is made for a particular excursion, it will be cancelled. The cost of the proposed excursions can not be quoted at this time, but it is estimated that \$5.00 to \$6.00 per day should be ample for all expenses exclusive of transportation.

(1) An excursion to Yosemite Valley will illustrate the glacial phenomena of the Sierra Nevada, including the succession of the glacial periods. It is planned to conduct the excursion across the Sierra Nevada to Mono Lake, where the eroded fault scarp of the Sierras may be studied in its relationship to the glacial features.

(2) A second excursion for those interested in metaliferous deposits will include two of the mining districts in the Sierra Nevada and Virginia City.

(3) A third excursion has been planned to Lassen Peak, the source of the volcanic eruptions in 1914-1917.

(4) A series of one-day excursions has been arranged for those interested in paleontology and stratigraphy. With the exception of the excursion to San Francisco and Half Moon Bay, these are all within reach of Berkeley, so that participants in this group of excursions should reserve their rooms in Berkeley to Sunday, August 13. Friday, August 11, will be spent at San Pablo Bay, where Miocene invertebrate fossils can be collected. Saturday, August 12, will be spent collecting Eocene fossils near Martinez. Sunday, August 13, will be spent at the Museum of the California Academy of Sciences, in San Francisco, and participants will drive to Half Moon Bay in the late afternoon. Monday, August 14, will be spent at Half Moon Bay, studying recent organisms. In addition, some of the Tertiary rocks of the San Francisco peninsula will be examined.

(5) If a sufficient number of geologists are interested, an excursion will be arranged for Thursday, August 17, in Los Angeles. Some of the oil fields will be visited, and the Tertiary stratigraphy of the Los Angeles Basin will be examined.

All the excursions are open to fellows and guests;