

obtain accessories and photographs for a Samoan bird group, while the marine division of the party will make a collection of marine life. The party will then return to Honolulu, possibly stopping at Fanning Island for a short time. Mr. Coultas will then go to Kauai and Laysan Islands to collect material for two additional oceanic bird exhibits, while Dr. Miner and his party will return to San Francisco by steamship and reach New York in December.

During the entire trip special attention will be given to the collection of oceanic marine invertebrates, with particular emphasis on the forms found in comparatively shallow waters and the life of the sea surface. It is expected that many valuable additions to the scientific collections of the museum will be made in this way.

The yacht *Zaca*, which has been put at the disposal of the American Museum for this expedition by Templeton Crocker, has already made four scientific trips, one of which was also in the interests of the American Museum—the 1934 expedition to the Tuamotus, Easter and Pitcairn islands. She is a two-masted gaffrigged schooner with topsails, with the general lines of a Newfoundland Bank fishing-schooner, 118 feet over all, 96 feet water line, 23 feet beam, 14 feet draught, gross tonnage of 84 and is equipped with two Hill Diesel engines, each developing 120 horse power. She is very strongly built, for any ocean travel in any weather, a cruising yacht well adapted for both comfort and utility, with a well-trained crew of twelve men.

LECTURES AT THE UNIVERSITY OF OREGON

THE comparative isolation of the Pacific Northwest from the great centers of population and their accompanying large universities and research institutions makes the problem of securing speakers for scientific meetings a difficult one. During the past academic year the University of Oregon was unusually successful in overcoming this difficulty, largely because of the efforts of the local Sigma Xi chapter and the science faculty.

Dr. C. G. S. de Villiers, dean of sciences, University of Stellenbosch, South Africa, while a guest of the university under the auspices of the Carnegie Foundation for the Promotion of Peace, provided many illuminating lectures and discussions, including "New Theories of Evolution."

Jiro Harada, commissioner of the Imperial Household Museum at Tokyo, while guest of the university as professor of oriental art, gave an address entitled "The Pre-history of Japan."

Dr. Ralph Chaney, head of the department of paleontology, University of California, invited by Sigma Xi, spoke on "Ancient Forests of Oregon,"

and (at a student assembly) on "A Scientist's Adventures in Mongolia and Central America."

Dr. Robert H. Lowie, professor of anthropology, University of California, delivered the address at the annual joint Phi Beta Kappa-Sigma Xi initiation banquet. His subject was "Cultural Anthropology."

While visiting the Sigma Xi chapter at the university and the Sigma Xi club at Oregon State Agricultural College (Corvallis, Ore.), Dr. Armin O. Leuschner, professor of astronomy in the University of California, gave an address at Corvallis, entitled "Long Range Prediction of the Orbits of the Minor Planets."

Other Sigma Xi lectures were: "Some Experiments in the Attempt to Understand Inefficient Reading," Professor H. R. Crosland (psychology), retiring president of Sigma Xi; "Ultimate Theories of Matter," Professor A. E. Caswell (physics); "Philosophy and Science," Professor H. G. Townsend (philosophy); and "Forensic Applications of Blood Groupings," Dr. S. B. Osgood (medicine).

In addition, the science faculty sponsored a series of popular science lectures which were very well attended by townspeople as well as faculty and students of the university. Most of the lectures were given by resident members of the faculty. The program follows:

"Scenic Resources of Oregon," Professor W. D. Smith (geology); "The Universe around Us," Professor A. E. Caswell (physics); "Problems of South Africa," Dean C. G. S. de Villiers, Stellenbosch University, South Africa; "Some Elements of Small Arms Ballistics," Major R. H. Back (R. O. T. C.); "Rambles of a Naturalist in Oregon Winter Time," Professor F. P. Sipe (botany); "Daylight Ghosts or Fantasms of Everyday Life," Professor H. R. Crosland (psychology); "Natural History of Oregon Birds and Mammals," Professor R. R. Huestis (zoology); "Liquid Air," Elliott James (demonstrator at Century of Progress Exposition).

Finally, the university community had the pleasure of having an illustrated lecture on Alaska by Father Hubbard, the Glacier priest. This lecture was sponsored by the Active Club of Eugene, the proceeds going to the support of a summer camp for underprivileged boys.

A. H. KUNZ

PHYSICS SYMPOSIUM AT CORNELL UNIVERSITY

NUCLEAR physics was the subject of the discussions at the second Cornell University physics symposium. The meetings were held in Ithaca on July 2, 3 and 4, and the attendance was about a hundred and thirty. At the first meeting on Thursday morning, July 2, Pro-