

and equip the necessary buildings, and to provide for maintenance, apart from remuneration to research workers. A site, described as extensive and extremely suitable, has been secured close to the Edinburgh Royal Infirmary and the medical school of the university at a cost of over £50,000. The president of the committee is the Right Hon. A. J. Balfour, M.P., chancellor of the university, and vice-presidents are the Duke of Atholl, the Earl of Rosebery, Earl Beatty, Lord Glenconner, Lord Leverhulme, and Sir J. Lorne MacLeod. An appeal has been issued, signed by Sir J. A. Ewing, principal of the university, Sir R. W. Philip, president of the Royal College of Physicians of Edinburgh, and George Mackay, president of the Royal College of Surgeons of Edinburgh. The university has given £10,000, the college of physicians £10,000, and the college of surgeons £5,000.

A JOURNAL OF ECOLOGY

COOPERATION in science doubles the value of each man's knowledge and efforts. The Ecological Society of America, comprising zoologists, botanists, foresters, agricultural investigators, climatologists and geographers, is a link in the cooperative chain which will bind the natural sciences together. The society has long felt the need of having its own journal, and at its St. Louis meeting last December voted to start a serial publication to present original papers of an ecological character.

The enterprise is made possible by the generous action of the owners of *Plant World*, who are giving this magazine to the Ecological Society to continue as its official organ. The new serial will begin as an illustrated quarterly of about 200 to 300 pages per year, known as *Ecology*. The Brooklyn Botanic Garden is undertaking the publication of this journal in cooperation with the Ecological Society under an agreement substantially like that under which the *American Journal of Botany* is now being published. The *Plant World* will complete the present volume, num-

ber 22, and *Ecology* will begin with the number for March, 1920. Barrington Moore, now serving his second term as president of the Ecological Society, has been elected editor-in-chief.

PUBLIC LECTURES OF THE CALIFORNIA ACADEMY OF SCIENCES

THE California Academy of Sciences, under the direction of Dr. Barton Warren Evermann, maintains a Sunday afternoon lecture course devoted to popular science topics in its Museum in Golden Gate Park. This course is steadily gaining in popularity and serves a useful purpose in bringing into closer relations the research man and the public. The lecturers are largely drawn from the research departments of the University of California and Stanford University. Following is the schedule for February and March:

February 1. "The ocean as an abode of life." Dr. W. K. Fisher, director of the Hopkins Marine Station of Stanford University.

February 7. "Life of the deep sea." J. O. Snyder, associate professor of zoology, Stanford University. Illustrated.

February 15. "The ocean meadows, or the microscopic life of the open sea." Dr. C. A. Kofoed, professor of zoology, University of California. Illustrated.

February 22. "Fishes of the California coast." E. C. Starks, assistant professor of zoology, Stanford University. Illustrated.

February 29. "Marine mammals." Dr. Harold Heath, professor of zoology, Stanford University. Illustrated.

March 7. "The fur seals of the Pribilof Islands." Dr. Barton Warren Evermann, director of the Museum, California Academy of Sciences. Illustrated.

March 14. "Life between tides." Dr. W. K. Fisher, director of the Hopkins Marine Station of Stanford University. Illustrated.

March 21. "Oceans of the Past." Dr. J. P. Smith, professor of paleontology, Stanford University.

March 28. "Systematic and economic phases of California marine algæ." Dr. N. L. Gardner, assistant professor of botany, University of California.