

afford security against depletion of the stock. The principal task for which the *Discovery* will be employed is to ascertain the geographical limits of the whales, to trace their migrations and to form some idea of their numbers and the rate of reproduction. But the expedition will also afford opportunities for adding to scientific knowledge in many other directions and particularly in oceanography, meteorology and magnetism. As the *Discovery* will require extensive reconstruction, it is not anticipated that she will be ready to sail before next year. The enterprise will be carried out under the instructions of the Colonial Office, and the Duke of Devonshire is taking steps for the appointment of an executive committee to undertake the management. It is proposed that the Colonial Office, the Admiralty, the Ministry of Agriculture and Fisheries, the British Museum (Natural History) and the Royal Geographical Society should be represented upon the executive committee. The committee will keep in close touch with other institutions and individuals who are interested in Antarctic research. The *Discovery*, a strong wooden ship of about 700 tons register, was built at Dundee for Captain R. F. Scott's expedition to the Antarctic, which started in 1901. The ship was frozen in at its winter quarters and Scott received orders to abandon her and return in the relief ships sent, but the *Discovery* broke out of the ice in February, 1904, and Scott brought her home in perfect order.

THE governments of South Africa, Australia, the Argentine Republic and possibly the United States will cooperate with Great Britain in an Antarctic expedition, preliminaries of which are being discussed. In all probability plans will be completed in London.

UNIVERSITY AND EDUCATIONAL NOTES

ANNOUNCEMENT was made at commencement at Lafayette College, by President John H. MacCracken, of the gift of \$200,000 by Mr. John D. Larkin, of Buffalo, to endow "The John D. and Frances H. Larkin professorship of chemistry." In accordance with the conditions of the trust, four fifths of the income is

subject to an annuity for one life, the other one fifth of the income will be immediately available for the work in chemistry.

THE Michigan College of Mines has received a gift of \$10,000 from Dr. Edgar Kidwell, head of the Kidwell Boiler Company, of Milwaukee, for the founding of a scholarship in memory of his son, who was killed in the war. Dr. Kidwell was formerly professor of engineering in the college.

DR. EDGAR FAHS SMITH, formerly provost of the University of Pennsylvania, laid the cornerstone of the new chemical laboratory of the Rice Institute, Houston, on June 4. The laboratory, which will be erected at an approximate cost of \$1,000,000, will be ready in September, 1924.

PROPOSALS for the removal of Randolph-Macon College to Norfolk and for its consolidation with American University at Washington have been rejected by the board of trustees, following a meeting attended by members of the faculty and alumni of the institution.

JOHN H. MUELLER, Ph.D., associate professor at the College of Physicians and Surgeons, Columbia University, has been appointed assistant professor of bacteriology at the Medical School of Harvard University.

DR. LESLIE A. KENOYER, assistant professor of botany in the Michigan Agricultural College, has been chosen professor of biology at the Western State Normal School, Kalamazoo, Michigan.

MR. J. T. SAUNDERS, senior fellow of Christ's College, Cambridge, and demonstrator of animal morphology, has been elected tutor of Christ's College, in succession to Dr. F. H. A. Marshall, F. R. S., who has resigned.

DISCUSSION AND CORRESPONDENCE

NOTE ON PREPARING COLOR STANDARDS

WHEN it is desirable to develop a colorimetric method for measurement of the small amounts of substances met with in biological studies the worker must frequently devise his own color standards. After a color has been matched to that produced by the substance to be