

which is of national status, was formed in 1909 and was incorporated by Royal Charter in 1913, when the Scottish National Zoological Park, which it owns and controls, was founded. The Park has had the honour of several Royal visits and has been the recipient of a number of Royal gifts of animals.

August Gärtner (1848-1934)

NESTOR of German hygiene, August Anton Hieronymus Gärtner, whose name is familiar to every medical student in Gärtner's Bacillus (*Salmonella enteritidis*), was born on April 18, 1848, at Ochtrup, Westphalia. He served in the Franco-Prussian War of 1870-71, and in 1884 became assistant to Robert Koch at the Kaiserliche Gesundheitsamt, Berlin. Two years later he was appointed to the chair of hygiene at the University of Jena, which he held until his retirement in 1914. As a teacher he was immensely popular, his genial personality endearing him to students and colleagues alike. It was in 1888, during an outbreak of meat poisoning in Frankenhausen on the Kyffhäuser, that he succeeded in growing the bacillus ever since known by his name. To the literature of hygiene he contributed his classic "Die Hygiene des Trinkwassers" (1897), "Die Hygiene des Wassers" (1915), and, in co-operation with Ferdinand Tiemann, "Handbuch der Untersuchung und Beurteilung des Wassers" (1889-95). His "Leitfaden der Hygiene" was first published in 1892; a tenth edition was issued in 1923, and a French translation in 1895. In the First World War Gärtner served as 'Kriegssanitätsinspekteur' of prisoner-of-war camps. Preserving excellent health into advanced age, he died at Jena on December 21, 1934, in his eighty-seventh year. His autobiography appeared in *Centralblatt für Bakteriologie*, 107, 1, ii (1928).

Royal Aeronautical Society: Awards

THE following medals and awards have been made by the Council of the Royal Aeronautical Society: *Society's Gold Medal*: Sir Bennett Melvill Jones, for his outstanding work in aerodynamics; *Society's Silver Medal*: I. I. Sikorsky, for his work on the development of the helicopter; *Society's Bronze Medal*: Miss F. B. Bradfield, for her work on aeronautical research; *Simms Gold Medal*: Sir William T. Griffith, for his paper "The Problem of High Temperature Alloys for Gas Turbines"; *George Taylor (of Australia) Gold Medal*: Dr. J. W. Drinkwater and W. G. Glendinning, for their paper on "The Risk of Fire and Fire Prevention Methods"; *Edward Busk Memorial Prize*: Air Marshal the Hon. Sir Ralph Cochrane, for his paper on "The Development of Air Transport During the War"; *R.38 Memorial Prize*: W. M. Widgey, for his paper on "Pressurisation of Aircraft"; *Branch Prize*, awarded for the best paper on an aeronautical subject read before the branches of the Society: A. N. Clifton, for his paper on "Naval Aircraft" read before the Southampton Branch, and J. A. Kirk, for his paper on "Wind Tunnels" read before the Belfast Branch.

Courtaulds' Scientific and Educational Trust Fund

MESSRS. COURTAULDS, LTD., have announced the formation of the Courtaulds' Scientific and Educational Trust Fund, which has been formed with the object of encouraging study and research in those branches of natural science likely to assist the textile, plastics or other allied industries. The Fund provides for the establishment and maintenance of scholarships, and

the provision of laboratory apparatus and equipment for education and research institutions. The Company will pay to the trustees the sum of £105,000, less tax, over a period of seven years. The trustees are Sir Edward Appleton, Sir Charles Tennyson, and, representing Courtaulds, Ltd., Mr. J. C. Hanbury-Williams (chairman), Mr. R. A. Butler, M.P., and Mr. R. A. Kinnes. The Trust will be administered by a management committee of representatives from the Company, together with Prof. C. N. Hinshelwood (University of Oxford), Prof. D. M. Newitt (University of London), and Prof. J. B. Speakman (University of Leeds).

Atomic Energy Commission Fellowships

THE U.S. National Research Council has announced a new programme of fellowships supported by funds provided by the Atomic Energy Commission as a part of the Commission's responsibility for future atomic energy research. These fellowships will be awarded in the many fields of science related to research in atomic energy and the products of atomic energy processes. Some of the fellowships are available to those who wish to continue in graduate training or research for the doctorate in an appropriate field of science; others will provide training in biophysics applied to the control of radiation hazards. Further fellowships will be awarded to candidates less than thirty-five years old who have already obtained a doctorate and who wish to secure advanced research training and experience in aspects of the physical, biological and medical sciences related to atomic energy. The programme provides for two groups of fellows in the pre-doctoral field. One group will work in the biological and basic medical sciences, including applied biophysics, relating to the measurement and control of radiation hazards and the effect of radiation upon health; another group will be selected for study and research in the general field of the physical sciences. Awards will be made for the academic year 1948-49. Further information can be obtained from the Fellowship Office, National Research Council, 2101 Constitution Avenue, Washington 25, D.C.

American Summer Scholarships for European Students

THE Massachusetts Institute of Technology, in co-operation with the students at the Institute, is offering approximately eighty scholarships to European students for study there for the period June 14-September 17. A certain proportion of these scholarships have been reserved for students in Great Britain. Any science or engineering student, male or female, who has completed approximately four years of university study, or any person who has recently graduated in the fields of science or engineering, is eligible; applicants must be more than thirty-five. All expenses will be paid by the Institute, with the exception of the cost of the trans-Atlantic passage, which may cost approximately £70 for the round trip. The summer seminar offers advanced courses in civilian and sanitary engineering, mechanical engineering, metallurgy, aeronautical engineering, architecture and planning, building engineering and construction, chemistry, electrical engineering, physics and chemical engineering. Further information concerning the subjects of instruction can be obtained from the Chief Scientific Officer in the United States Embassy, 5 Grosvenor Square, London, W.1. The last date for submission of applications is April 30.