

of life" in a new way, and to that end everyone should know something of what Sir Ronald Ross calls the "romance of disease" in order that he may value personal fitness and develop what another speaker called a "health conscience."

To turn now to the other aspect of science teaching, namely, preparation for the business of life, the attention of the meeting was rightly directed by Sir Richard Gregory to the scarcity of university-trained scientific workers required for industrial and other purposes. In the proportion of university students to population England stands far behind other nations, having only 5 per 10,000 as against 10 per 10,000 in America and 17 in Scotland. Though the power to remedy this rests mainly with the Government and those who administer the affairs of education, yet the teacher can do a great deal by endeavouring to turn the talent of the nation into the most suitable channels. We can no longer afford to have square pegs trying to fill round holes, and to prevent this the teacher must consider his work unfinished until every effort has been made to place boys and girls in that walk of life which seems most suited to their talents, attainments, and temperaments.

If carried to these culminating points, the work of the teacher will do more than anything else to bring about the full appreciation of the value of education, and with that there will come recognition of the importance of his office and the due reward for his services.

G. H. J. ADLAM.

THE SELOUS COLLECTION.

THE Selous collection of big-game trophies, which has been presented to the Natural History Museum by Mrs. Selous, is, without doubt, the finest ever brought together as the product of one man's gun. It consists of some five hundred specimens shot by the late Capt. F. C. Selous, D.S.O., during a period of nearly forty years, some of the trophies dating from his earliest days as a hunter. The greater part of the collection is African, but there are many specimens from Canada, Newfoundland, the southern Carpathians, and Asia Minor.

Although the collection contains only a few actual "records," the average standard of the heads is very high, the series of Kudu being especially fine. The horns of the grandest specimen of this animal in the Selous Museum measure:—Length, (curve) 60½ in., (straight) 45½ in.; circumference, 11½ in.; tip to tip, 33 in. It was shot in 1890, and Capt. Selous's diary contains an entry referring to this specimen:—"My joy may, therefore, be imagined when I saw that the most superb specimen of a koodoo bull that my eyes had ever looked upon lay dead before me." Another equally grand specimen is the skull with horns of the white rhinoceros from Mashonaland, a practically extinct species. This animal was shot in 1880, and Capt. Selous records that "the anterior horn is the longest for a bull" that he ever saw. There are sixteen specimens of lion, chiefly heads. A mounted specimen measures 9 ft. 11 in. in a straight line from nose to tail. The series of heads of wapiti, from Wyoming, U.S.A., includes several remarkable examples.

Mrs. Selous has also presented to the Natural History Museum the superb collection of European birds' eggs, every clutch in which was collected by Capt. Selous, and is labelled most carefully, with exact date and locality.

The specimens will in due course be removed from Worplesdon to South Kensington, and kept together as the "Selous collection" for a period of years.

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FORTHCOMING BOOKS OF SCIENCE.

"A MANUAL of Meteorology," Sir Napier Shaw (part iv., "The Relation of the Wind to the Distribution of Barometric Pressure"); "Problems of Cosmogony and Stellar Dynamics," J. H. Jeans; "An Enquiry Concerning the Principles of Natural Knowledge," Dr. A. N. Whitehead; "Lectures on the Principles of Symmetry," Prof. F. M. Jaeger; "Advanced Lecture Notes on Light," J. R. Eccles (a sequel to the author's earlier work); the fourth and final volume of "Fossil Plants," Prof. A. C. Seward; "Days in My Garden," E. Ballard; "Study of the Weather," E. H. Chapman (Nature Study Series); "Cattle and the Production of Beef," K. J. J. Mackenzie; "Yorkshire, North Riding," Capt. W. J. Weston; "Dumbartonshire," Dr. F. Mort (each in the Cambridge County Geographies); "Euclid in Greek (Book i.)," Sir T. L. Heath; "Short History of Education," Prof. J. W. Adamson; and new and revised editions of "Elasticity," Prof. Love, and "Infinitesimal Calculus," Prof. Lamb (*Cambridge University Press*); "The Living Cycads," C. J. Chamberlain; "Problems of Fertilization," F. R. Lillie; "A Laboratory Manual of Elementary Zoology," L. H. Hyman; "A Source Book of Biological Nature Study," E. R. Downing; "The Function of Death in Human Experience," G. B. Foster; "Fourth Year Mathematics for Secondary Schools," E. R. Breslich (*Chicago: University of Chicago Press; London: Cambridge University Press*); "Locomotive Valves and Valve Gears," I. H. Yoder and G. B. Wharen; "Physical Laboratory Experiments for Engineering Students," S. Sheldon and E. Hausmann; "Hot Bulb Oil Engines and Suitable Vessels," W. Pollock; "The Manufacture of Chemicals by Electrolysis," A. J. Hale (Electro-Chemistry Series); and new editions of "Glass Manufacture," Dr. W. Rosenhain; "The Manufacture of Paper," R. W. Sindall; "Wood Pulp," C. F. Cross, E. J. Bevan, and R. W. Sindall; "Photography," by Alfred Watkins (Westminster Series); "Handbook for the Care and Operation of Naval Machinery," Commander H. C. Dinger (*Constable and Co., Ltd.*); "Souvenirs Entomologiques: Etudes sur l'Instinct et les Mœurs des Insectes," J. H. Fabre, édition définitive illustrée, 10 vols. (*Paris: Delagrave*); "Birds in Town and Village," W. H. Hudson (*J. M. Dent and Sons, Ltd.*); "An Introduction to Child Psychology," Prof. C. W. Waddle; "The Measurement of Intelligence," Prof. L. M. Terman (*G. G. Harrap and Co., Ltd.*); "Annals of the Philosophical Club of the Royal Society, Written from its Minute Books," Prof. T. G. Bonney; "Science and Fruit-Growing: Being an Account of the Results Obtained at the Woburn Experimental Fruit Farm since its Foundation in 1894," the Duke of Bedford and S. Pickering; "A Text-book of Embryology" (vol. iii., Mammalia), by the late Dr. R. Assheton, completed by Dr. F. H. A. Marshall and J. T. Saunders; "Lectures on Sex and Heredity," Prof. F. O. Bower, Prof. Graham Kerr, and Dr. W. E. Agar; "Essays on the Surgery of the Temporal Bone," Sir C. A. Ballance, with the assistance of Dr. D. Green; and new editions of "Mendelism," Prof. R. C. Punnett, and "On Longevity and Means for the Prolongation of Life," the late Sir H. H. Weber, edited by Dr. F. Parkes Weber, with a preface by Sir Clifford Allbutt (*Macmillan and Co., Ltd.*); "The Thermionic Valve in Radio-telegraphy and Telephony," Prof. J. A. Fleming; "The Oscillation Valve: The Elementary Principles of its Application to Wireless Telegraphy," R. D. Bangay; "Telephony without Wires," P. R. Coursey (*The Wireless Press, Ltd.*).