

TEACHERS' COLLEGE.

TENDERS NEXT MONTH.

Particulars concerning the proposed new teachers' training college were supplied by the Commissioner of Public Works (Mr. G. F. Jenkins) on Monday. It is expected that tenders for the erection of the college will be called for by the Architect-in-Chief's Department next month.

The building is to be erected on a specially dedicated site in Kintore avenue, and will occupy a commanding position on the rise of the hill overlooking the parade ground and the Adelaide bowling green. It will occupy an area of 142 ft. by 117 ft. The structure will be of two stories, designed in a quadrangular plan and collegiate in type. The building should mass well, and present an effective color scheme with its blue stone base, white cemented walls, and tiled roof. Accommodation will be provided for all necessary office and staff rooms, large and small classrooms, nature study laboratory, library, teachers' rooms, and generous size common rooms both for male and female students. A striking feature of the design will be the assembly hall, the internal dimensions of which will be 65 ft. by 36 ft. The building generally will be replete with modern teaching equipment, and will be entirely heated by hot water.

Register 23-1-24

The Central Board of Health has approved the appointment of Dr. Leslie W. Linn as health officer for the district of East Murray.

News 23-1-24

Drs. H. C. Hosking, A. L. Tostevin, F. R. Wicks, F. L. Thyer, A. J. Lewis, J. S. Kessell, J. R. Cornish, G. H. Howard, D. A. Dowling, L. D. Cowling, and W. R. Angus have been appointed resident medical officers at the Adelaide Hospital.

News 24-1-24

HONE AT TENNIS

Hailed as Champion

MELBOURNE, Today.

That Hone, the South Australian giant, will be a member of the next Davis Cup team, is the view of tennis experts, after witnessing his brilliancy in the Australasian championships now being held in Melbourne.

If he can spare the time from University studies experts aver his selection is a certainty. With his brilliant service and improving ground shots he will probably develop into one of the world's greatest players after a season's experience abroad.

MELBOURNE UNIVERSITY APPOINTMENTS.

Mr. E. R. H. Darwin Chosen.

The South Australian Government is finding it very hard to keep its "degreed" men, and as they constitute some of the best of the younger staff, the fact is regrettable. The latest to seek fresh fields and pastures new is Mr. Errol Raffael Henry Darwin, B.Sc., A.M., Inst. C.E., (assistant resident engineer in the Government Engineering Department), who has accepted the position of Lecturer in Surveying at the Melbourne University, under Professor H. Payne.

Mr. Darwin was born at Yongala in 1888, and later educated at the Redhill Public School, under Mr. (now Inspector) W. H. Hand. Under Mr. Hand's instruction he passed the University primary examination, and also gained an exhibition, which took him on to Prince Alfred College. From that school he passed the junior, senior, and high public examinations, and gained the Angus Scholarship, which gave him three years' tuition at the Adelaide University, where he obtained his B.Sc. (in 1907). It was Mr. Darwin's ambition to study civil engineering, but at that time there was no C.E. course at the University, and he entered the civil service on April 21, 1908, as a field assistant on the survey of the Larra to Booleroo Centre Railway. His next big task was plotting on the plans the surveys of the East-West Railway from Port Augusta to the Western Australian border, which work was carried out by South Australian surveyors. His next appointment was assistant surveyor on the Yeelanna to Minippa Railway. He was then sent to Blanchetown as assistant to the constructing engineer, River Murray works (Mr. Robert C. Cutting), the American engineer specially chosen for the construction of the River Murray Locks and Weirs, by Col. E. N. Johnson. Mr. Darwin gained a valuable insight into modern construction methods under Mr. Cutting, and took an active part in the building of the first lock, and the organization of the Mannum Quarry, whence the stone for building most of the South Australian locks is being excavated and crushed. When Mr. J. H. O. Eaton was appointed constructing engineer, in place of Mr. Cutting, who returned to America, Mr. Darwin came back to Adelaide, and for the past five years has been actively engaged on River Murray work in the Engineer-in-Chief's office. He was appointed assistant resident engineer on July 1, 1920, and has acted as quantity surveyor on several occasions during that officer's absence. Mr. Darwin has given valued assistance to the Engineer-in-Chief (Mr. J. G. Stewart) in working out a scheme for dealing with the Torrens and other suburban floodwaters.

A Gifted Family.

Mr. Henry Darwin (Mr. Errol Darwin's father), who was for some years manager of the National Bank at Redhill and has lately retired from the bank's employ, may well be proud of his children's scholastic achievements. His three sons (Lisle, Errol, and Donald), and his daughter (Leonora) each won scholarships which allowed them to continue their education at colleges. Lisle attended Prince Alfred College, obtained M.A. degree (Adelaide), and is now a teacher of mathematics at the Canterbury College, Christchurch, New Zealand. Errol's career has been outlined above; and Donald, who served several years at the war, obtained the degree of Bachelor of Civil Engineering at the Melbourne University, and recently (at the age of 26) has been appointed an engineer with the Country Roads Board of Victoria. The daughter was a student of the Methodist Ladies' College.

TENNIS CHAMPIONS.

Hone's Brilliant Victory.

Other S.A. Successes.

MELBOURNE, Monday.

Almost perfect climatic conditions prevailed to-day for the continuation of the championship tennis meeting in progress at the Albert Ground. The principal attraction was the singles contest between Hone (S.A.) and Clemenger (N.S.W.) who was a close rival to McInnes and Schlesinger for selection in the last Davis Cup team. Mr. C. G. Hammond, the veteran umpire, was delighted with the Adelaide representative's play. Clemenger had the reputation of being a good starter, and generally shows his best in the first two sets. Hone, however, apparently realizing that the three Davis Cup selectors—



Advertiser Register 25-1-24

RHODES SCHOLARS.

ALLOWANCE INSUFFICIENT.

South Australian Rhodes Scholars have distinguished themselves during the past years in several directions.

According to the statement concerning scholarship-holders issued for the academic year 1922-1923, there were 273 scholars in residence at Oxford for either the whole or part of the year. Of these 125 were from the British Empire and 148 from the United States. No fewer than 87 were engaged in the study of law, and 57 in natural science and medicine. Anthropology attracted but one student. The study of forestry claimed four, as did education and psychology, and modern languages had three followers. Students of theology numbered 15, and of mathematics 63.

In the final honor schools Mr. H. W. Florey, of South Australia, secured a first-class pass in physiology in the natural science course. Mr. H. I. Coombs passed Part I. of the final honor school of chemistry. Attention is directed to two books published by Mr. H. L. Brose. The first, "Atomic Structure and Spectral Lines," is a translation from the German of Arnold Sommerfeld, Professor of Physics at Munich, and the other, which relates to the theory of relativity, is translated from the German of Erwin Freundlich, Director of the Einstein Tower. Viscount Haldane, O.M., has written an introduction to the brilliant young South Australian's book.

The present academic year starts with 219 Rhodes scholars in residence. Scholars are warned that, despite the special allowance of an annual bonus of £50, the value of the Rhodes Scholarship is unequal to present-day requirements, and they are advised that at least another £50 per year is required to supplement the amount allowed under the terms of the bequest.

SOUTH AUSTRALIA AND RADIUM.

Then years ago Sydney and Adelaide companies were actively engaged in turning to account the radium deposits in the north-east division of the State—just off the Peterborough to Broken Hill line—and Mr. J. K. Samuel was secretary of the local company. A Melbourne company is now interesting itself in the field. Mr. Fred Tricks (manager of the Radium and Rare Earths Treatment Company) advised on Thursday that the directors of the company had secured the services of Sir Douglas Mawson and Dr. Cooke, of Adelaide University. Sir Douglas Mawson will first of all visit the mine, and make a survey of the lodes, a geological examination, and a complete sampling with a microscopic, petrological study of the ores and their mineral contents. He will have as his assistant on the mine Mr. C. T. Madigan, a mining engineering graduate of considerable experience. Dr. Cooke will make investigations as to the most economic method of chemical treatment of selected products from the lodes; the laboratory methods as advised by him will be transferred to large-scale operations. Previous to securing their services the directors made exhaustive enquiries abroad in regard to the treatment of the South Australian radio-active ores, and were satisfied that any expert imported would, on arrival, be compelled to devote considerable time in research work in order to grasp the peculiarities and characteristics of the radio-active deposits of South Australia. Sir Douglas Mawson and Dr. Cooke have had considerable experience in research work on these ores and their investigations lead them to believe that the ores can be successfully treated in South Australia. Sir Douglas Mawson has not only made a close study of radioactive ores in South Australia, but has inspected radium mines in other parts of the world, and when in the United States visited the Radium Corporation's works at Pittsburg, where the carnotite ores of Colorado were then being treated, and he expresses the opinion that the extraction of radium from the Olary ores will be a simple and economic process. One of the objects of the research work to be carried out will be to ascertain and determine the value of the many rare earths associated with radium in the ores, the best and most economic methods of separation, and the number of these rare earths which can be profitably recovered and disposed of. The directors and manager visited the property at Radium Hill, Olary, South Australia, last week, and expressed themselves well satisfied with the progress of the work. The erection of the winch plants is just about completed. There are five shafts sunk on the main lode, varying in depth from 60 to 150 ft. over a length of 2,000 ft., in which many thousands of tons of ore are available. Since operations were commenced the mine manager has discovered a new lode 50 ft. east of the main lode, and which he uncovered on the surface for 100 ft. in length. It is 5 ft. wide, and shows carnotite (oxide of uranium) freely.

THE RHODES SCHOLARSHIPS.

The statement of the Rhodes Trust for the academic year, 1922-1923, includes the following:—During the year 58 Rhodes Scholars took up their scholarships for the first time. The number of scholars actually in residence for either the whole or some part of the academic year 1922-1923 was 273, viz., 125 from the British Empire and 148 from the United States of America. These scholars were distributed among the various subjects, as follows:—Literae humaniores (including philosophy or kindred subjects pursued with a view to advanced degrees), 7; mathematics, 6; natural science and medicine, 57; law, 87; modern history, 10; modern greats, 15; theology, 15; languages, 3; English literature, 10; economics (diploma, B.Litt. or D.Pol.), 10; education, 4; forestry, 4; psychology, 4; anthropology, 1; miscellaneous, 1. There were also in residence for one or more terms 10 ex-scholars. In the course of the year 116 scholars either completed the term of the scholarship or went into out of residence without completing it. The academic year, 1923-1924, starts with 210 Rhodes scholars in residence. In addition there will be in residence nine ex-scholars.

Advertiser 26-1-24

Writing to Mr. William Silver concerning the work of Mr. John Bishop, who went to London last year to continue his pianoforte studies at the Royal Academy, Dr. Herbert Fryer says:—"By this time I trust you will already have received the impression that we are getting along famously and are both happy in our work together. I can assure you that I am very happy indeed to have John as a pupil, and I think he will make great artistic progress. He already plays many things very artistically and has much of the right instinct for style and effect. John has a lot of character and is quietly ambitious." Dr. Fryer visited Australia last year as examiner for the Associated Board.