

*St. Andrew's College,
Guests at
Opening Ceremony.*

"Advertiser" 7.6.28

GUESTS AT THE OPENING OF ST. ANDREW'S COLLEGE.



A large number of guests were present yesterday at St. Andrew's College, Mitcham, when his Excellency the Governor opened the building—a residential college in affiliation with the University.

LISTENING TO HIS EXCELLENCY'S ADDRESS.

*Adelaide Hospital.
Honorary Positions.*

Advertiser 21.6.28

*Conference of
Geologists.*

Advertiser 21.6.28

*Great Barrier
Reef.
A Scientific
Expedition.*

Advertiser 21.6.28.

S. S. I. R.

Specialists Required

Register 29.6.28

*Public Service
as Profession.*

Mr. A. L. Mackay

Register 6.7.28

The following have been reappointed to honorary positions at the Adelaide Hospital:—Honorary surgeons, Drs. Sir Henry Newland, J. Corbin, M. L. Scott, and Bronte Smeaton; honorary assistant surgeons, Drs. I. B. Jose, L. C. E. Lindon, P. S. Mossent, and C. T. Turner; honorary physicians, Drs. F. S. Hone and W. Ray; honorary assistant physician in the infectious diseases block, Dr. F. H. Beare; honorary assistant physicians, Drs. S. R. Burston and H. K. Fry; honorary anaesthetists, Drs. G. Brown and R. L. Keenan; honorary sanitary adviser, Dr. E. Angus Johnson; honorary bacteriologist in charge of the vaccine department, Dr. Helen Mayo; honorary ophthalmologist, Dr. H. F. Shorrey; honorary dental surgeon, Dr. H. T. J. Edwards. Dr. Marjorie P. C. Thomas was appointed an acting resident medical officer at the hospital.

**CONFERENCE OF GEOLOGISTS.
INTER-STATE PROBLEMS
DISCUSSED.**

The Government Geologist (Dr. L. Keith Ward) on Wednesday submitted to the Minister of Mines (Hon. H. Tassie) a report of the recent inter-State conference of geologists, which was held in Adelaide.

Dr. Ward stated that the conference was the third of a series which began with meetings in Melbourne in 1925 and in Sydney early in 1927. They were designed to give facilities for the discussion of geological problems affecting the States of the Commonwealth, and particularly those problems which involved areas that extended across inter-State boundaries. The most important work of these conferences was, therefore, the discussion of problems of correlation of strata throughout the Commonwealth. It was found at an earlier meeting that the best progress seemed likely to be made by concentrating attention, in the first place, on the lowest members of the geological column, and a committee was appointed, with representation from each State and from the Commonwealth, to bring together data for purposes of correlation. Those reports were received and discussed at the recent conference, and it was expected that the material thus collected would be published at some future date, after being subjected to further critical examination and discussion.

Advantage was taken of the presence in Adelaide of Mr. A. Broughton Edge (Director of the Imperial Geophysical Experimental Survey) to discuss with him the nature of the investigations to be made in Australia by that organization. The inter-State geological conference was not in any way concerned with the selection of the mineral fields that might be examined geophysically. This selection was the function of the geophysical executive committee, which was appointed for that purpose. But the assembled geologists indicated to Mr. Edge some localities at which it appeared to them possible that geophysical methods might throw light upon concealed structures such as faults and buried valleys and basins. Such structural problems had indirectly an economic bearing, since they were concerned with the preservation of coal measures, the occurrence of deep leads, the distribution of underground water, &c. Since the selection of any field for geophysical examination depended primarily on the geological structure of that field, Mr. Broughton Edge remained with the conference during the discussion of the correlation of the pre-Cambrian, Cambrian, and Ordovician rocks. Those mineral wealth of Australia in a great part of the continent.

The conference discussed in a preliminary way a number of matters that would require further consideration at future meetings, dealing with questions of correlation; the preparation of a geological map of the whole of Australia; the co-ordination of geological work in adjoining States; and the standardization of scales, colorings, &c. on geological maps. Reports were received on the progress of a card index bibliography of Australian geology, which was being undertaken by the several States. The conference gave its whole-hearted support to the proposal to prepare topographical maps of the Commonwealth, since they would be of inestimable value for geological work apart from their use as a foundation for all kinds of engineering projects.

**GREAT BARRIER REEF.
A SCIENTIFIC EXPEDITION.
ARRIVAL AT FREMANTLE.**

Fremantle, June 26.
The expedition of British scientists which is proceeding to the Great Barrier Reef arrived at Fremantle to-day on board the Ormonde, and will continue with the vessel to Brisbane. The expedition is under the leadership of Dr. C. M. Yonge, Balfour student of the University of Cambridge. Associated with him are Mr. F. S. Russell, B.A., D.Sc., second in command and in charge of the boat work; Dr. T. A. Stephenson, chief zoologist for reef work; Mr. A. P. Orr, M.A., B.Sc., chemist and hydrographer; Miss S. M. Marshall, B.Sc., zoologist; Mr. G. Tandy, M.A., botanist; Mrs. C. M. Yonge, M.B., medical officer; and Mr. G. W. Oliver, B.A., leader's assistant.

Members of the expedition who will come later are Mr. J. A. Steers, M.A., geographer, who is travelling on the Mongolia, which left London on June 16; Mr. M. Spender, assistant geographer, who will join the Demosthenes in London; and Mr. J. S. Colman, assistant zoologist. It is probable that an additional botanist and chemist will join the party, and that assistance will be obtained from the Australian Museum at Sydney and the South Australian Museum at Adelaide. The expedition has been invited to Australia by the Australian Great Barrier Reef Committee, through its chairman, Professor H. C. Richards, of the Brisbane University, to investigate many biological problems presented by the Great Barrier Reef. It has been organized by the British Association Great Barrier Reef Committee, and financed from Australian and British sources, the main contribution having come from the Commonwealth Government and the Empire Marketing Board, which each contributed £2,000.

The primary object is to investigate conditions in the ocean which govern the growth and increase of corals and their associated animals and plants. The methods to be employed have been elaborated in Europe for the study of life in the sea, especially microscopic floating plants and animals on which larger plants and animals depend for food, and the chemical and physical state of water at different seasons. It is hoped that the expedition will obtain results of great scientific value, which will throw light on many economic problems. The more important commercial products, pearls, edible oysters, trochus shell, sponges, beche de mer, fish, and turtle will receive special attention. It is hoped further to find out the extent to which these may be collected without decreasing the supply, and to examine the possibility of their cultivation artificially, as oysters are cultivated in France and Japan.

Women huts are now being erected on Low Island, near Cairns. One motor boat has been chartered, and a second is being sought. These and the camp on Low Island will be run by aboriginal labor under the control of a European mechanic. The party will remain at the Barrier Reef for about 13 months, and the geographers will examine the coast between Townsville and Cooktown, their expenses being defrayed by the Royal Geographical Society.

**SCIENTIFIC RESEARCH.
Specialists Required.**

CANBERRA, Thursday.
The Council for Scientific and Industrial Research proposes to appoint two investigators—one a dairy bacteriologist and the other a dairy chemist—to undertake research work in dairying. The initial salary for both positions will vary from £700 to £900 a year, and applications close on August 15.

By joint arrangement between the Governments of New South Wales and Queensland, and the Council for Scientific and Industrial Research, a sum has been made available to meet the expenses of a systematic biological study of those species of the flying fox which are a pest in certain parts of Australia. In The Commonwealth Gazette to-day applications are invited from qualified zoologists for the position of investigator at a salary of £600 a year, tenable for two years, and £300 will be available for expenses. The question of continuing the work for a further period will be considered during the latter half of the second year. The investigator will be required to study the biology of the animal, having in mind that the ultimate object of the work is the attainment of a satisfactory method for the large scale destruction of this serious pest. He will also be required to seek evidence as to its ravages, and obtain an accurate estimate of the losses it is causing to the fruit and other industries of New South Wales and Queensland.

The council is also inviting applications for the position of Deputy Chief to Dr. B. T. Dickson, of the Division of Economic Botany of the Council, at a salary of from £880 to £1,000 a year. Two senior plant pathologists, one senior plant geneticist, and one senior plant physiologist, at salaries of £700 a year, are also required to work under the general direction of Dr. Dickson. The like positions in a junior capacity at £400 a year are also open.

*Man
Arrested at
University
Register 30.6.28*

ARRESTED AT UNIVERSITY.

For some time recently, money and possessions have been missed by girls at the Adelaide University from their lockers. The losses were reported to the Detective Office. Detective Copp and P.C.C. Trezona on Friday afternoon arrested at the University, a man, who is alleged to have been seen in the locker room. He was charged with larceny, and will probably appear before the Adelaide Police Court this morning.

"PUBLIC SERVICE AS A PROFESSION."

Mr. A. L. G. Mackay, lecturer in economics at the University of Adelaide, will, on Wednesday night deliver an address in the Physics Hall of the University, entitled "The Public Service as a Profession." Arrangements are in the hands of the Public Service Commissioner (Brigadier Gen. S. Price Weir), and the general secretary of the South Australian Public Service Association (Mr. L. C. Hunkin). The Premier (Hon. R. L. Butler) has been asked to preside. Invitations will be issued to members of Parliament and other prominent citizens.

Technical Education & Trades

Advertiser 2/7/28

APPRENTICESHIP AND VOCATION.

From G. von BERTOUCH:—The recent address of the Superintendent of Technical Education (Dr. Charles Fenner), as reported in "The Advertiser," discloses a deplorable waste of human values, time, and money, in that more than one-third of those entering for technical vocational training in the department fail to make good in the technical trades for which the department advised them to be trained and apprenticed. As the Government technical school was specially instituted (at enormous cost) to train boys and girls for their right vocation, on its own figures up till now it has proved itself a failure, when annually 150 out of every 410 apprentices fail to make good. No information is given in regard to the percentage of vocational failures of those other 9,380 boys and girls who annually leave school and enter either professional, commercial, domestic, or other industrial vocations. Presumably no complete records are available; if so, whatever they are in these respects they also ought to be made public. If none are kept they ought to be. Dr. Fenner has stated that little was known about the guidance of young people for their life work. Now, that is a very great measure is the South Australian Education Department's own fault, for it has not yet realized the fact that vocational guidance is a science. In correspondence (as far back as 1919), between myself and the then Minister and Director of Education, I stressed the fact that vocational guidance was of prior importance to vocational training. The latter, without the former, would make many mistakes of training. The results of the technical educational training to date have shown my judgment at that time to have been correct. But owing to lack of foresight on the part of the Education Department and the mistaken policy of the Government of the time in not providing funds for the establishment of a vocational guidance bureau, this matter was shelved. Ever now I fail to see, how the Director of Education's recommendation is going greatly to improve the existing unscientific conditions. He recommends that "each high, higher primary, and central school should organize within itself a scheme of vocational guidance and placement, under one or more teachers, with the headmaster in control as the appointing counselors of such vocational guidance organization." A fair question is what do the school teachers or head masters of our public schools know of the science of vocational guidance? I suggest that public-spirited men and women belonging to the Chamber of Commerce, Employers' Federation, Trades and Labor Council, Y.M.C.A., Y.W.C.A., the Rotarians, the University, colleges, public school committees, and other members of public welfare societies and organizations, should co-operatively elect a special public board of committees to devise ways and means to establish upon thorough business lines a public vocational guidance bureau in Adelaide.