

The Register  
March 21<sup>st</sup> 1916

### MOUNT REMARKABLE WELL NAMED.

"It is appropriately named," said Mr. Walter Howchin, F.R.G.S., lecturer on geology at the Adelaide University, when speaking of Mount Remarkable. He was giving evidence before the Water Commission on Tuesday on the subject of the possibilities of water storage at Mount Remarkable. "It is," he went on, "one of the most notable hills in the State. Its character, geologically, is known in science as 'horst,' a hard cone of quartzite rock that has been left standing when the whole of the surrounding country has dropped to a greater or lesser degree. Mount Remarkable rises to a height of 3,000 ft. The water storage properties of the rock are of a very uncertain nature. It is possible that the clay rocks may have been so jammed at the base as to make an impervious basin. On the other hand, the disruptions which have taken place in times gone by would possibly produce apertures and soakages through which the water would gradually disappear. The fault does not necessarily mean that it is an aperture to waste, however. Some rocks throw water to the surface, and others permit of the water sinking. It is really an open question whether it is the close fault (in which case it would hold the water), or the open fault (in which case it would be like a sieve). The point at which it is desired to make the storage at Mount Remarkable is at the southern end, which is near the creek. An easy way of surface observation presented itself. The ground could be examined at the time the creek was in flood. There has been no apparent absorption of water during flood time, and from that it can be inferred that the holding capacity is rather good. If it is found that the water passes away rapidly you have serious reason to think that the base is not of a holding character." Asked by the Chairman if he thought the site unsafe for the construction of a reservoir, Mr. Howchin said at the time he made his examinations he was in search of geological outcrops, and not enquiring into the possibilities of water conservation. Without another inspection he would not give a definite answer to the question. He did not consider Beetaloo a really good holding rock. There was a certain amount of leakage. Rock frequently improved as time went on. The members of the commission present were Mr. Herbert, M.P. (Chairman), the Hons. J. G. Bice and F. S. Wallis, M.L.C.'s, and Messrs. McGillivray, Butterfield, James, and Allen, M.P.'s.

The Register  
March 22<sup>nd</sup> 1916

## UNIVERSITY OF ADELAIDE.

PUBLIC EXAMINATIONS BOARD.

SPECIAL SENIOR EXAMINATION.

—March Pass List.—

English literature, Eg.; modern history, M.H.; Greek, Gk.; Latin, L.; French, F.; German, Gn.; arithmetic and algebra, A.A.; geometry, Gt.; trigonometry, Tg.; physical geography and geology, Pg.; theory of music, M. An asterisk denotes credit.

Alpers, Philipp-Jacob, Gt., Adelaide High School; Breheny, Peter Thomas, A.A., Gt., Mr. G. G. Newman; Burdon, Roy Stanley, F\*, private tuition, Kapunda; Daly, John Joseph, L., Mr. G. G. Newman; Dealy, Frank Henry, F., University; Dunn, John-Millard, M., private tuition, Adelaide; Hambridge, George Russell, L., Mr. G. G. Newman; Hewitt, ~~Geoffrey~~ Austin, M.H., F., Gt., Mr. G. G. Newman; Heyne, Idi Mario, Gk., private study, Norwood; Ide, Beale, Gk., Miss H. Walter, B.A.; Miller, Roland Geoffrey, F., Miss E. A. Allen, B.A.; Munday, Horace, Eg., L., Gn., A.A., Gt., Misses Langman and Ingamellis; Robertson, Douglas Emerson, L., Tg., private study, St. Peters; Robin, Cuthbert Roland, Eg., private tuition, St. Peters; Roenfeldt, Clifford Otto, M.H., A.A., private study, Norwood; Schroder, Arthur George, Eg., Henley Beach; Souter, Robert John de Neufville, F., Prospect; Travers, John Leo, L., Tg., Pg., private study, Yatala; Treloar, James Leonard Sydney, A.A., private study, Parkside.

In reply to Mr. Laffer, Professor Henderson said there was not much demand for a residential college in Adelaide at present.

In concluding his evidence, Professor Chapman said it was possible now to establish the University on a sound basis. If that went by now there would be no further opportunity for such a thing.

Mr. G. Quinn (Government Horticulturist Expert) gave evidence in regard to the Botanic Park. There were possible fine scenic effects in the Adelaide Garden, but the money was not made available. It was little use to make a big grant one year and cut it down by half the next year.

The commission adjourned until Friday morning.

The Daily Herald  
March 29<sup>th</sup> 16

## OUR UNIVERSITY

### QUESTIONS OF DEVELOPMENT

#### PROFESSORS' INTERESTING PLANS.

"Look ahead a hundred years" was the warning which Mr. T. H. Smeaton, M.P. (chairman) urged upon two very interesting witnesses before the North Terrace Reserves Commission yesterday morning. The future of the Adelaide University was under discussion. There were present, in addition to the chairman the Hons J. H. Cooke and J. Carr, M.S.L.C., Messrs. Gunn, Green, Laffer, and Nicholls, M.S.P.

Professors R. W. Chapman and G. C. Henderson, of the University, were called, and they gave their evidence together.

The Chairman—Is it your opinion that the University should be in the heart of the city?

Professor Chapman—The point is where can the University be most successful and confer the greatest benefit on the community? Because of the manner in which the Adelaide University is worked it is necessary that it should be in the heart of the city. Adelaide is worked differently from other similar institutions.

By removing to Fullarton, for instance, do you think the interference would be serious?—It would diminish our usefulness, but, of course, to what extent we could not say.

Professor Henderson said that so far as the medical students were concerned they must be near a hospital. Then, as they were at present, they had all the resources of the Public Library at hand. There was also the question of the University extension lectures. If the University were shifted it would impair the success of the lectures. Those lectures were something of a connecting link between the University and the general public.

The desirability of establishing the University on a larger block of land was mentioned, and Professor Chapman, while agreeing that plenty of land was a good asset, thought that there were some distinct disadvantages in putting a university on a very large block. The buildings became too difficult of access. The ideal was to have a small area and have the university compact. On an area of 20 acres, he thought, they could put all the buildings they required. Even if they were commencing afresh he would advocate putting the University on 20 acres on North terrace rather than 100 acres of land at, say, Mitcham. He quoted the Columbia University, one of the greatest in America, which taught 11,000 students. It was placed upon less than 20 acres of land. It was not merely a teaching university, but one of research also.

On the question of university residential colleges Professor Chapman said:—"I certainly like the residential colleges, but I don't know that they are essential—or that it is essential that they should be attached directly to the University."

Questioned regarding the possibilities of a new site for the University, Professor Chapman asked why could not the Government set apart say 20 acres of the 68 acres of parklands lying between Frome road and King William road. To what better purpose could the ground be put than the higher education of the people? One of the great lessons of the war was that they must encourage scientific research, and on such a block of land they could have a grand institution.

The witnesses placed before the Commissioner two schemes. The first was one which embraced the present University land and an acre of the old Exhibition Grounds—not including the main Exhibition Building itself—extending to Frome road at the rear of the School of Mines (but allowing room for School of Mines extension) down to Victoria drive, and along the drive to the rear of the Public Library. This, it was contended, would make a fine block of buildings, and make provision for a residential college. The total area would be 18½ acres. The other scheme was one which took in very little of the old Exhibition Ground, but embraced an area of 22½ acres, and included the present Government House block of 12 acres, the Destitute and Police Buildings, and an area at the rear of the Public Library, yet leaving an area for Public Library extension equal to the area which the Library at present occupied. Both of these schemes had been before all the University professors. The schemes were favored in the order in which they were set out.

The residential college question was reverted to, and Professor Chapman said a residential college should be sufficiently near for students to go to the college to lunch and when they had a spare hour or so. He liked the Melbourne idea. In the plans before the Commission they had allowed room for one college in each case.

*The Daily Herald*  
*March 25<sup>th</sup> 16.*

## TOPICS OF THE DAY

### ADELAIDE FOR INTELLECT.

The intellectual life in Adelaide is much more vigorous among the younger generation than it is in either of the eastern capitals. Giving evidence before the North Terrace Reserves Commission yesterday morning, Professor Chapman handed in some figures which he had just compiled. These showed that in Sydney, where there were no musical students, 2.3 per thousand of the population were students at the university; in Melbourne, where there were very few musical scholars, the proportion was 2 per thousand. In Adelaide, omitting the musical students, 3.6 per thousand of the population attended the University. Taking the University musical students into consideration the percentage jumped to 5 per thousand. This was ascribed very largely to the central position of the University.

*The Daily Herald*  
*March 24<sup>th</sup> 16.*

... in our peace.

Rev. J. H. Allen left by the R.M.S. Malwa for Bombay yesterday as one of the Australian representatives of the Methodist Missionary Society to India. Mr. Allen, who was unable to complete his graduate course six years ago, owing to leaving at a specified time, has now completed his work at the University, securing his B.Sc. degree. Mrs. Allen is also a graduate in arts of this University.

*The Advertiser*  
*March 25<sup>th</sup> 1916*

Miss Vera Thrush, A.M.U.A., winner of one of the Elder scholarships for singing this year, is already well known in Adelaide as a promising singer. She has been a pupil of Mr. H. Winsloe Hall since her initiation into the art of singing. In addition to being the possessor of a soprano voice of beautiful quality, she is an excellent all-round musician. In 1913 she was runner-up for the pianoforte Elder scholarship, and owing to the winner's generosity, received the pecuniary benefits thereof. She was the pupil of Miss S. M. Dean and



Miss Vera Thrush.

Mr. G. I. Reimann, and studied theory under Miss Florence Cooke, Mus. Bac. Last year she was chosen for the Conservatorium free scholarship, tenable for one year, as the most deserving student for the year. This, of course, she has resigned in favor of the scholarship recently won, which is tenable for three years. She is also a member of the Ensemble Class, under the direction of Dr. Ennis. Miss Thrush is 20 years of age, and the daughter of Mr. Harry Thrush, Kensington-road, Rose Park.

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Mr. Harold J. Gard, who has recently been awarded the Alexander Clark Memorial Prize, which entitles him to three years' study at the Elder Conservatorium, is the possessor of phenomenal talent and gifts. He has a fine range, extending from C to D in alt. (over two octaves), and carries his voice up without strain. He is an operatic tenor, pure and simple, with a very powerful voice. All his study, up to the present, has been under the capable teaching of Mr. Winifred Hall. Mr. Gard intends, after finishing his three years in Adelaide, to proceed to Paris to study under Mr. Halévy's old professor, Mons. Jacques Bouby. On account of his extraordinarily high range and volume he is able to sing with ease any operatic tenor part written. To aid him to become more effective he is studying French and Italian under Mons. Maurice Byrn; also theory with Mr. F. Wheatley Bowering, A.M.I.C., L.A.B. A splendid future should be before this young singer, who has only just reached his 22nd year.



Professor Mitchell, who was on Monday elected Vice-Chancellor of the University of Adelaide.

#### MATHEMATICAL QUERY.

From Chas. Newman:—The statement is made by Mr. Wm. Whinham in your issue of 3rd inst. that the rule applied by mathematicians to find the correct volume of a pyramidal or a cube or rectangular figure is not applicable, and foreign to the question, viz. the area of the base  $\times$  by one-third height of its apex. The question submitted to find the vols of 20 parts of two pyramids is a puzzle to me. In adding up the 10 first parts I make 2 short. No doubt that it is an error of copy, and the second answer should be 23 instead of 28, as they are rising numbers. I shall esteem it a favor to receive through the medium of your columns an expert proof from one or more of our schoolmasters or professors.