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GOVERNMENT BURSARIES AT THE UNIVERSITY.

The Minister of Education has repealed regulations 341 to 435, made under the Education Act of June 15, 1911, and has substituted the following for them:—Government bursaries tenable at the University shall exempt the holders from all fees payable to the University of Adelaide in the courses for the degrees of B.A., B.E., B.Sc., LL.B., M.B., and B.S., and Mus. Bac., and for the diploma of Applied Science, and from all fees payable to the Roseworthy College in the case of students taking the agricultural course in Science; and shall provide in addition an allowance of £20 per annum to each holder who is able to reside with his parent or guardian during his tenure of the bursary, or during the period when he may be resident at Roseworthy; but, at the discretion of the Minister of Education, this allowance may be increased to £40 per annum to each holder who is unable to reside with his parent or guardian during such tenure. Successful candidates must enter the University of Adelaide as undergraduate students in Arts, Engineering, Science, Law, Medicine, or Music in the year following the examination. Those who enter as undergraduate students in Science may take any one of the prescribed courses, including the special course in Agriculture given by the University in conjunction with the Roseworthy Agricultural College, and the courses for the University diploma in Applied Science, and the Fellowship of the South Australian School of Mines and Industries. Except in cases of illness or other sufficient cause, they must attend all lectures and pass all the examinations in the selected course required by the University.

ADELAIDE UNIVERSITY ARTS ASSOCIATION.

The sixth annual dinner of the Adelaide University Arts Association was held at the Cafe Rubeo, Pulteney-street, on Saturday evening, when there was a record gathering of students. Mr. F. Halcomb, in proposing the toast of "The University," paid a tribute to the high standard of the professors and students who had made the traditions of the University. He gave a few reminiscences of his connection with the inauguration of the rowing club.

Professor Henderson replied on behalf of the University. He said the Arts Society was representative of the wider aspects of University life. He was pleased to remember that Professors Mitchell and Bragg had been instrumental in linking up the educational system of the State with the University. Professor Mitchell would like to see the agricultural, geographical, and all other departments of State activity interworking with University research. By next year he hoped to see a University club to bring all the University men, past and present, into coherent and concrete relationship.

Mr. R. A. Potter, in proposing "The Arts Association," said the aim of the society was not to make bookworms, but intelligent citizens.

The President (Mr. A. E. Howard), in responding, thanked the members and officers for their loyalty during the past year. He was proud to be the first undergraduate president. The association had never been so successful and powerful as it was to-day.

Mr. S. S. Mills proposed "Kindred societies," and Messrs. D. A. Roberts and P. C. A. Fornachon responded. Student songs and a solo by Mr. A. J. R. Jenkin enlivened the proceedings.

THE MAWSON EXPEDITION.

THE AURORA DAMAGED.

VICTORIAN GOVERNMENT ASKED FOR £400.

Melbourne, August 12. A woeful story of the plight of the Antarctic exploring ship Aurora was laid before the Premier (Mr. Watt) this afternoon by Mr. C. C. Eitel, secretary of Dr. Mawson's Australian Antarctic expedition. The Aurora is now on her way under steam from Lyttelton, New Zealand, to Melbourne, and is leaking so badly that the pumps have to be kept going almost continuously. She is due about the middle of next week, and arrangements are being made to have her docked at Williamstown for a thorough overhaul to repair the damaging effects of the heavy seas by which she has been buffeted in the Antarctic. The cost of this overhaul is estimated at between £300 and £400, and it was with a view to getting this little burden on the expedition disposed of that Mr. Eitel saw Mr. Watt. He pointed out that since the Aurora landed Dr. Mawson and his several bands of explorers in the Antarctic the vessel has been carrying out research work in the far southern seas. Some time ago she visited Sydney for docking and repairs, the cost of which, amounting to £800, was paid by the New South Wales Government, who had already subsidised the expedition to the extent of £7,000. Now that the gallant little vessel was again badly in need of repairs and refitting, she was coming to Melbourne, and it was hoped that the Victorian Government, whose original subsidy was £6,000, would pay also the extra and unforeseen cost of overhaul. Mr. Watt promised that if the request were put in writing he would submit it to the Cabinet for decision.

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UNIVERSITY OF WESTERN AUSTRALIA.

APPLICATIONS are invited for the following PROFESSORSHIPS:—

- Agriculture.
Biologv.
Chemistry.
English.
Geology.
History and Economics.
Mathematics and Physics.
Mining and Engineering.

The applications should reach the University, Perth, not later than 15th October, 1912.

The salary will be £900 per annum, with residence or House Allowance of £100 per annum.

Conditions of appointment may be obtained from the registrars of Australasian Universities or from the University, Perth.

J. W. HACKETT, KT.,

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Chancellor.

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SOLAR OBSERVATORY.

DR. W. G. DUFFIELD'S GIFTS.

LONDON, August 10.

Dr. W. G. Duffield, of Adelaide, South Australia, has offered to the Commonwealth Government a spectro-heliograph, a pyrheliometer, and a Littrow spectrograph.

Those instruments, with the apparatus already accepted, will enable the equipment of a solar observatory in Australia, to participate in international research, thus completing a circle of solar observatories around the world.

The only condition which Dr. Duffield has stipulated is that the Commonwealth authorities shall house the instruments.

Dr. Walter Geoffrey Duffield is a son of Mr. D. W. Duffield, of Glenelg. He is Professor of Physics and Dean of the Faculty of Science at University College, Reading. He graduated at the University of Adelaide in 1900, obtaining his Bachelorship of Science degree. Having won the Angas Engineering Scholarship he proceeded to Cambridge and gained his B.A. degree. During his studies there he specialized in the observation of solar phenomena. When he obtained a research fellowship at Manchester University he devoted himself to the one field of scientific effort. His work and writings gained for him wide repute, and he was made Doctor of Science of Manchester University. When he visited Adelaide three years ago Dr. Duffield was the recipient of the Doctorship of Science, an eundum gradum, of the University of Adelaide. He was the originator of the movement for the completion of the world girdle of solar observation by the erection of an observatory in the Commonwealth. He convened a gathering of scientists in Melbourne, over whose deliberations the then Governor-General (Lord Dudley) presided. Dr. Duffield's scheme was enthusiastically supported, and one of the first tangible proofs was the gift of a solar instrument by a prominent Victorian amateur scientist. Dr. Duffield handed this—the nucleus—over to the Commonwealth authorities, and it has been employed in observations at Yass-Canberra. Dr. Duffield is 33 years of age; he was married during his recent home visit.

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VISIT OF BRITISH SCIENTISTS.

The year 1914 will be a notable one in Australian scientific circles. It will be the venue of the distinguished gathering of the members of the British Association for the Advancement of Science, and in that honour South Australia will prominently share. Professor E. C. Stirling, F.R.S., to whom the responsibility of directing the arrangements in this State has been given, on Wednesday explained the scheme for the important and historical visit. He stated that the scientists would arrive in Australia in August, 1914, at the invitation of the Commonwealth, and meetings would be held in Adelaide, Melbourne, Sydney, and Brisbane, but the chief gatherings would necessarily be in the sister and mother capitals. The British Association had already assembled in Canada and South Africa. The Federal Government had voted £15,000 for the oversea expenses of the visitors, and it was expected that at least 150 of the prominent scientists of Great Britain and other parts of the Empire, and probably more, would attend. Five days would be spent in South Australia, where lectures and addresses would be delivered. To organize the arrangements the Prime Minister had invited Professor David, F.R.S. (Sydney), Professor Orme Masson, F.R.S. (Melbourne), Professor Steele (Brisbane), Professor Stirling, and Professor Kerr Grant (Adelaide), and probably Sir Winthrop Hackett (Western Australia) to confer. The South Australian organizers had prepared an extensive list of the names of influential citizens to constitute a general committee. His Excellency the Governor had consented to be Chairman, and Sir Samuel Way Vice-Chairman, while the Premier (Hon. A. H. Peake) and his colleagues and the Mayor of Adelaide (Mr. Lavington Bonython) had promised to serve on the committee. The first meeting would probably be held in about a fortnight. From the large general committee, sub-committees would be drawn—a small executive, reception, and hospitality committee, excursion committee, and so on. The Government had promised its cordial support, and to grant free railway passes for the scientists. There was every reason to think that the visit to South Australia would be made a memorable and happy one. There would be excursions to various places of scientific interest. Although, continued Professor Stirling, the association would not meet in Australia until August, 1914, it was essential that the members should be apprised of the arrangements at their annual gathering in England in August of next year.