

# REG. 19. 7. 21

## NUTRITION OF ANIMALS.

### Import Problem Discussed.

"Research work in nutrition" was the topic chosen by Professor H. B. Robertson, who gave a keenly appreciated address to a large luncheon gathering of members of the Adelaide Society of Nutritionists on Friday, August 12th. The proceedings were opened by the President (Mr. A. E. Clarkson), and Professor Robertson, who gave a keenly appreciated address to a large luncheon gathering of members of the Adelaide Society of Nutritionists on Friday, August 12th. The proceedings were opened by the President (Mr. A. E. Clarkson), and Professor Robertson, who gave a keenly appreciated address to a large luncheon gathering of members of the Adelaide Society of Nutritionists on Friday, August 12th. The proceedings were opened by the President (Mr. A. E. Clarkson), and Professor Robertson, who gave a keenly appreciated address to a large luncheon gathering of members of the Adelaide Society of Nutritionists on Friday, August 12th.

### Natural Deficiencies.

The reasons for that deficiency were threshold, continued the Professor. Firstly, an area was absolutely ideal for the grow-ers, and then accepted the position of Government Astronomer of New South Wales and Professor of Astronomy at the University of Sydney. Last year he resigned his office of Government Astronomer, but continues at his post in the University.

### Excess of Minerals.

The question of mineral deficiencies was to be investigated directly upon the fodder plants by analyzing them, the speaker went on. This would be done by Professor A. E. V. Richardson at the Waite Institute, and the cost would be shared by the State and the University. The Board of Great Britain, which was in the dominion that type of research. It finds that the most common excess is that of potassium, and that the deficiency of one of potassium in other directions, would cause a loss of sodium in the bone, would be of line or of potassium. It is not possible to study that question, the council intended ascertain what in respect to other mineral or potassium, an excess of magnesium. The council was erecting a building on the grounds of the University which would be housed. Also an indoor carrying of sheep in Australia would be especially small quantities, in excess of the thyroid gland which had great effect on the growth and development of the work human beings and animals. There were strong reasons to believe that the deficiency of Australia sheep might be due to an excess of iodine. It was impossible to find any in iodine. It was impossible to find any in iodine. It was impossible to find any in iodine.

content. Field workers would also be established on stations in Queensland, New South Wales, Victoria, and South Australia, and in addition, flocks would be maintained for investigation, and to be studied to see whether it was possible by any dietary conditions to modify the quality and type of wool produced.

MAIL 16-7-21

### OBOE SOLOIST

Miss Mignon Weston, formerly secretary to the Elder Conservatorium and principal oboist in the South Australian Orchestra, is establishing herself in Melbourne. She is playing in the orchestra of Hoyt's Theatre de Luxe, has broadcast from A.L.O. studios, and has made several appearances on the concert platform as solo oboe player. It is probably the first time the oboe has been heard as a solo instrument in Melbourne, and Miss Weston has received eulogistic criticisms for her artistic work. At the same time she has been mentioned and demonstrated the possibilities of this rarely heard instrument.

MAIL 16-7-21

### Well-known Astronomer

Next Monday week will be the sixtieth birthday of another South Australian—Prof. W. Ernest Cooke, M.A., who was born at Pymba, son of the late Ebenezer Cooke, one time member of the Adelaide Conservatorium and was a former musician of Audit. Mr. J. H. Cooke, M.L.C. for Central District No. 2, is a brother. After graduating at Adelaide University Prof. Cooke entered the Adelaide Observatory in 1878 and became first assistant there in 1883. Thirteen years later he was appointed Government Astronomer and Meteorologist of Western Australia, where he remained for sixteen years, and then accepted the position of Government Astronomer of New South Wales and Professor of Astronomy at the University of Sydney. Last year he resigned his office of Government Astronomer, but continues at his post in the University.

NEWS 20-4-21

### WAITE INSTITUTE

#### \$16,000 for Extensions

Plans are in preparation for extensions to Waite Agricultural Research Institute. Thanks to the generosity of Mr. W. E. Waite, M.P., a sum of £10,000 of the council of Adelaide University has been allocated to proceed with the work, exclusive of the £2,000 endowment of Mr. J. Waite, which was made for laboratory purposes. The new laboratory will occupy a site on the eastern boundary of the estate. The most important addition made this year was the erection of a pot culture house at a cost of £1,600.

Plans for this were provided by the Commonwealth Council for Scientific and Industrial Research.

NEWS 20-4-21

### UNIVERSITY UNION

#### Meeting of Students

Mr. Kenneth H. Boykett (president of that University Students' Council) stated that a meeting of students had discussed the University Union building proposals. A report of the efforts of the appeal T. Madigan (secretary), A. G. Price, and Dr. F. S. Hone. Prof. A. L. Campbell, B.A., B.E., who was connected with the Sydney University would accrue to students by the establishment of a building. It would provide a common meeting ground for graduates and undergraduates. About 70 persons had promised to contribute to the building during the next three years. It was resolved that students at the meeting would submit to a voluntary levy of not less than 2/1 a year.

# ROSEWORTHY COLLEGE.

## A FAREWELL AND A WELCOME.

A social followed by a dance was held at Roseworthy College on Friday evening, the hosts being the members of the college staff and the guests being friends and supporters of the college. The dancing was in the street and was very successful. The objects were to give Mr. W. R. Birks, the newly-appointed principal of the college, and Mr. H. C. Prichard, the headmaster, the guests were received by Mr. Birks and Mrs. Prichard, and the entrance of the college was very successful. Mr. Birks took the chair, supported on the platform by Professor A. J. Perkins (Director of Agriculture), Mr. and Mrs. Prichard, and Mr. A. J. Adams.

Mr. Adams said the occasion was one of regret to the staff in that Mr. Prichard was leaving the college. Mr. Prichard had been over 20 years in the public service, more than 10 of which had been spent at Roseworthy. He was not altogether severing his connection with the college. As secretary to the Central Agricultural Bureau and editor of the "Journal of Agriculture" he would remain within their ken.

Mr. Birks, on behalf of the staff, asked Mr. Prichard to accept it as a mark of respect that the college should be so well served by him. Mr. Prichard thanked the college staff for the kind things that had been said in his regard, and expressed his regret. Although his transfer might be a promotion, he could hardly look upon it as an advance, so regards the importance of the duties involved. He spoke of the increased seriousness of the position of headmaster in such an institution as Roseworthy, and the high characters and future of the students could be much affected by one under whose care they were and who, for the time being, was to be succeeded by Mr. Birks. He spoke of the harmonious relations between himself and the staff.

Mr. Birks, as headmaster, welcomed Mr. Prichard as principal of the college. He had known him as a student and had watched with interest his constant and increasing industry in addition to his valuable attainments. Mr. Birks had many valuable assets. He was an enthusiast in all branches of sport. It was particularly gratifying to him that he was known to be a sportsman. He had spoken of the fact that Mr. Colebatch had resigned, and accepted his new and important position. The unanimous opinion of the members of the college was that Mr. Birks was best man to fill the vacancy was Mr. Birks.

The Mayor of Gawler (Mr. D. C. Campbell) welcomed the citizens of Gawler. He was glad to see Mr. Birks return as principal of the college. Speaking on behalf of the farming community, Mr. Elliott Day said farmers watched Roseworthy College with criticism. They owed much to the college experiments, notably in matters dealing with the breeding and selection of wheat, fat lambs, and the use of fertilizers. He had no doubt that Mr. Birks would prove to be a worthy successor of his illustrious predecessors, Professor Perkins and Mr. Colebatch.

Professor Perkins said he was well qualified to speak, having known Mr. Birks as a student and having been in constant communication with him during his student years. He had given Mr. Birks instructions in his time, and since then had frequently given him advice, which advice Mr. Birks had followed. It was that there was one man present who was fitted for the position if he would accept it, and that was Mr. Birks. It was a great compliment to Roseworthy that he had resigned from the much larger institution of Dookie to come back to the college. Roseworthy had the highest reputation as any institution of the kind in Australia.

Mr. Birks said he appreciated the compliments paid to him by such a large and representative body of his friends, and he would accept the position if he would accept it, and that was Mr. Birks. It was a great compliment to Roseworthy that he had resigned from the much larger institution of Dookie to come back to the college. Roseworthy had the highest reputation as any institution of the kind in Australia.

REG. 22-4-21

### COMMONWEALTH RESEARCH LABORATORY

The Attorney-General (Hon. H. Homburg) told Mr. Shepherd in the House of Assembly on Thursday that no definite proposal had yet been received regarding the establishment of a Commonwealth Research Laboratory in Adelaide.

# ADVIS. 19. 7. 21

## UNIVERSITY GRADUATES' ASSOCIATION.

The seventh annual meeting of the Graduates' Association of the University of Adelaide will be held in the University Hall on Thursday, July 22nd. The President, Mr. W. H. Holden, will present his report, and the officers will be held, and the Treasurer, Mr. J. H. Holden, will present his report. The report and balance sheet will be held, and the Treasurer, Mr. J. H. Holden, will present his report. The report and balance sheet will be held, and the Treasurer, Mr. J. H. Holden, will present his report. The report and balance sheet will be held, and the Treasurer, Mr. J. H. Holden, will present his report.

REG. 20-4-21

### A HANDSOME GIFT.

Agriculturists and pastoralists in particular, and the community in general, will be grateful to Mr. John Melrose, of Uolooor, for his extremely thoughtful and generous gift of £10,000 to the University, to advance the chemical laboratory work of the Waite Institute. Interested visitors to the Institute, little less than the Principal, Dr. Richardson, and his staff and students, will not fail to realize that the expenditure of the sum on additional buildings and equipment will considerably facilitate the investigations of the Institute, and thereby promote the early elucidation of problems of great moment to the primary producers of the State. The letter which Mr. Melrose addressed to the University eloquently indicates that his public-spirited action is the outcome of intimate and intelligent personal study of the urgent needs of South Australia's two great staple industries, and that he was influenced by the fine example set by the late Mr. Peter Waite, in 1914, in transferring the Urrbrae Estate to the University in order to help the cause of education in agriculture, forestry, and allied subjects. Mr. Melrose—who has earned an honoured name as a pastoralist and a citizen, and who is a member of a well-known and esteemed South Australian household—will have the pleasure of knowing that the valuable operations of the Institute will be extended through his liberality. It is evident, as he says, that in the near future applied science will be more and more necessary to agriculture and stock-raising. Obviously, the world population is becoming increasingly dependent upon scientific discoveries and methods to ensure for its sustenance constantly augmented supplies of foodstuffs. Such gifts as that of Mr. Melrose are, therefore, in the best sense calculated to be of widespread benefit. The farmers of this State are now happily alive to the value of researches in plant pathology, the constituents of soils, including the soil-borne diseases of cereals, plant genetics, including the production of new varieties resistant to disease, and kindred subjects. The mysterious disease known as "takeall" rusts, and fungus growths demand thorough investigation, as also do the diseases and pests which affect sheep, cattle, and other domestic animals. Innumerable advantages have already resulted from such studies as are now being enthusiastically prosecuted, and it is reasonable to suppose that abundant returns will attend the outlays which the University will be able to make through the generosity of Mr. Melrose, supplemented by donations from the Empire Marketing Board and the Council for Scientific and Industrial Research. The spontaneity of the latest noble gift is most appropriate in view of the unselfishness which characterizes the devoted work of the scientists engaged at the Institute.