

Ref. 3.9.17

During the meeting of the University Council on Friday the Warden of the Senate (Mr. F. Chapple, C.M.G.), unveiled the tablet which Miss Jane Barlow has erected in memory of her brother. It is placed in the wall at the entrance to the library. The inscription is in Latin, and reads:—"In order that the memory may be cherished of her dear brother, William Barlow, C.M.G., LL.D., who was Vice-Chancellor of this University for 19 years, his loving sister has had this tablet erected."

Ref. 4.9.17

#### IMPORTANCE OF FORESTRY.

Mr. H. H. Corbin (Forest Adviser to the Government and Lecturer in Forestry at the University of Adelaide) gave an interesting lecture at the North Terrace Institute on Monday night on "Forestry," under the auspices of the A.N.A. Mr. H. W. Emslie (President) occupied the chair. The lecturer said there was a vital necessity for a very vigorous policy in forestry matters for South Australia and for the Commonwealth. Regarding the timber supply, the country was thrown much on its own resources, which were at present lamentably weak. The prevailing conditions in the way of supply and demand in relation to timber and other forest products were similar to those which the forester anticipated for 15 to 20 years hence—namely, scanty supplies from outside and scanty resources inside, and a large demand with a consequently high price. That state of affairs, if expensive, would possibly be a blessing in disguise, for where apparent blindness to facts or the want of comprehension of the necessity for extensive forest development existed, a much better vision prevailed to-day, and the crying of those in the wilderness was more likely to be listened to now. The financial aspect of forestry in South Australia had not been understood by some, chiefly, he believed, on account of lack of data. By a proper survey of timber areas it was possible to demonstrate that even in these expensive days forestry was still as profitable as ever for the State, if the work were properly done on scientific lines, and a market cultivated for all classes of the product. There was no getting away from the fact that before long they would wake up and find they required several millions of acres of good timber, and they would also find that they had not got it. The question of responsibility for that state of affairs would arise, but the sin would lie at the door of the community which had omitted not so much to foresee future necessities, as to prepare for them. The responsibility for providing for future needs must be shouldered by the State forest service, which would have to work at high pressure. The University of Adelaide had shouldered its responsibility of training men for the future, but that was only a means to an end. They must also extend the forests where suitable accommodation could be found. There was absolutely no time to waste. The areas of country in South Australia which were easily obtainable for forest purposes were adequate for the production of the timber of the future. The city park lands would not suffer under a scheme of forest plantations on modern scientific lines. The timber would be within the front door of the city, and would within a short time pay handsomely for the rest of the parks if the planting were on a sufficient scale. A large collection of lantern slides were shown dealing with forestry in South Australia and in Europe and America. Mr. Corbin was heartily thanked by the meeting.

Ref. 4.9.17

#### SURGEON-CAPT. J. R. BEARD, M.C.

Surgeon-Capt. J. R. Beard, who was recently awarded the Military Cross in France, writing to his sister, Mrs. A. W. Hart, of North Adelaide, enclosed the following copy of a letter which he received from Gen. Birdwood (officer commanding the Australian force in France):—"I write to congratulate you most heartily upon the award to you of the Military Cross, which you have so thoroughly well deserved for your conspicuous bravery and devotion to duty during the operations in the Hindenburg line near Bellecourt from May 8 to May 13. I know how unceasingly you carried out your duties of tending to the wounded in most trying and difficult circumstances, owing to the heavy onslaught of artillery fire to which your aid post was subjected. On May 10 your aid post was destroyed by a shell and you were buried, but though badly shaken you refused to leave your post, even for a short period. On the following day I know how fearlessly you rushed through a heavy barrage and brought in two stretcher bearers who had been wounded, while your cheerfulness and energy throughout set a splendid example to your medical staff and stretcher bearers. Thank you so much for your good work, and with good wishes for the future. Yours sincerely (signed) W. R. Birdwood."

Advertiser 12.9.14.

### GEOLOGY AND MINING.

A large and appreciative audience assembled at the Prince of Wales Theatre, Adelaide University on Tuesday evening, when Mr. L. H. Ward (Government Geologist) delivered an interesting and instructive lecture on "Geology and Mining." He dealt with the application of geology to specific industries, and showed lantern views and maps to indicate the distribution of the different minerals. Some people, he said, refused to believe that South Australia did not contain large petroleum resources. He admitted that deposits of mineral pitch could be found all along the coastline of the state, and far beyond in some districts. Maps were screened indicating the places in Australia and other parts of the world where mineral pitch occurred. Without discussing the question whether or not oil might be found in South Australia the lecturer said they did not know sufficient of the origin of the source of the material from which this pitch was formed. A chart showing the distribution of several minerals used in the manufacture of ammunition and the quantities obtained in 1913 from countries that are now allied nations, from neutrals, and from enemy countries, made it clear that the resources of the whole world had to be drawn on to obtain all the materials. The production from the British Empire of antimony, for instance, was only 2 per cent. of the world's output, and the allies produced 25, the neutrals 66, and the enemy countries 5 per cent. The gold output was—British Empire 62.8, allies 27.7, neutrals 9.1, enemy countries 0.5 per cent. This fact, he thought, accounted for the maintenance of the gold standard. Nickel was obtained mostly from Canada, and he believed that to be the explanation of the daring trips of the German submarines across the Atlantic. Nickel was a necessary ingredient of some munitions, and it was probable that it was smuggled into the United States before the entrance of the Republic into the war. Mr. Ward dealt with the value of specialists in connection with the application of geology to industry, and was cordially applauded for his lecture.

Advertiser 14.9.14

### ALLEGED DEFECTIVE SIGNAL.

Recently Mr. C. R. Baker gave evidence before the North-terrace Reserves and Railway Centres Commission with reference to the defective working of a signalling plant at Glanville when the new system was being introduced there. When the lever was pulled the signal given was the reverse of what was intended, and a flag had to be used to signal the train. He said the fitters were not to blame, because they had worked according to the plans prepared in the railway office, and he suggested that there had been carelessness in the drawing office to make such a thing possible. Mr. J. A. McLaughlan, the Inspector of Signals, appeared before the Commission on Friday and gave evidence. The chairman read what had been said by Mr. Baker on the subject and asked if it was correct. "Not all of it," Mr. McLaughlan replied. "There was no mistake in the plans, because the plans do not show the part where the defect was. That part is always left to me, because the arrangement of it depends entirely upon the local circumstances. I drew the sketch as I wanted it fixed, and showed everything that had to be done. When I went to see what was wrong the lever was in its place, but the signal was the reverse of what it ought to have been. A later examination showed that Mr. Baker, who was the fitter on the job, had neglected to connect the compensator, with the result mentioned. I told Mr. Baker about it, and he made the necessary alteration the next day. It simply meant delaying the introduction of this portion of the installation till the following day." The witness was asked if he was sure it was Mr. Baker who was the fitter, and he replied in the affirmative.

Advertiser 15.9.14

### THE UNIVERSITY AND FORESTRY.

His Excellency the Governor-General, accompanied by his Excellency the Governor, visited the University Department of Forestry on Friday morning. He was shown some interesting exhibits, which conclusively prove the industrial value of tree-growing, and the scientific development of forest products to the State. His Excellency was particularly pleased with some exhibits made up from the common she-oak (*Casuarina quadrivalvis*), which is usually only used as firewood, and he remarked that it would be undoubtedly sound to carry out the idea of having a permanent industrial exhibit on a larger scale. The activities of the University Department are many, and some of the more important were brought to his Excellency's notice. Several of the exhibits were of special interest, in view of the fact that his Excellency proposes to visit the Kuitpo forest to-day, where he will be shown the raw material and informed about the cost of production and the profit to be made.

Reg. 18.9.19

# THE UNIVERSITY OF ADELAIDE.

## PUBLIC EXAMINATION BOARD.

### PRIMARY PUBLIC EXAMINATION, 1917.

Number of candidates entered, 237. Number of certificates gained, 157.

The following is a list of the candidates to whom certificates will be issued. They have passed in English grammar, composition, dictation, arithmetic, and in two at least of the following subjects:—Geography, Gg; English history, H; Greek, Gk; Latin, L; French, F; German, Gm; algebra, Al; geometry, gt; drawing, D; theory of music, M:—

C. B. Abell, Al, Gt, Riverton District High School; A. J. S. Adams, H, L, Al, Gt, Jamestown District High School; J. S. Adamson, Gg, H, L, Al, Gt, Quorn District High School.

L. F. J. Ball, H, Al, Gt, Mount Gambler District High School; J. Bampton, H, Al, Christian Brothers' College, Adelaide; A. D. Barlow, Gg, Al, Pulteney Street School; O. Barry, H, Gt, Mount Gambler Convent School; P. M. Bernhard, H, Al, Gt, Port Pirie District High School; H. M. Berry, H, L, Al, Gt, Port Pirie District High School; P. R. Binns, Gg, H, F, Al, Convent of Mercy, Angas street; A. L. Blackett, Gg, H, Gt, Jamestown District High School; J. L. Boython, L, Al, Gt, St. Peter's Collegiate School; J. H. Boundy, H, Al, Gt, Moonta District High School; J. F. Brazel, Gg, H, Gk, L, E, Al, Christian Brothers' College, Adelaide; D. T. Brooks, Gg, H, Al, Gt, Jamestown District High School; M. P. Burdon, H, L, Al, Kapunda District High School.

R. F. O. Calder, L, Al, Gt, Pulteney Street School; E. M. Campbell, L, Gt, Port Pirie District High School; K. B. D. Campbell, H, L, Al, Gt, Port Pirie District High School; I. M. Carr, H, F, St. Joseph's School, Brompton; G. H. Cashmore, H, L, Gt, Port Pirie District High School; E. C. Chariton, H, Al, Convent of Mercy, Henley Beach; A. C. Chase, H, Al, Gt, Port Pirie District High School; A. D. Claridge, Al, Gt, Port Pirie District High School; B. A. Cleay, H, Al, Gt, Mount Gambler District High School; S. J. Clifford, H, Al, D, Convent of Mercy, Millicent; E. M. Cochrane, H, Al, Langhorne's Creek Public School; G. H. Cock, H, Al, Gt, Moonta District High School; M. J. Cock, H, Gt, Mount Gambler District High School; M. Coghlan, Gg, H, F, Al, Gt, St. Dominic's Priory, North Adelaide; J. L. Connor, Gg, H, Gk, L, F, Al, Gt, Christian Brothers' College, Adelaide; S. M. Corry, Gg, Al, Turby Bay Public School; H. A. Cragman, H, Al, Gt, Mount Gambler District High School; W. C. Crocker, Gg, H, F, Al, Gt, Christian Brothers' College, Adelaide; F. G. Crowe, H, F, Al, Marist Brothers' High School, Port Adelaide; V. M. A. Cummings, H, Gt, Jamestown District High School.

A. C. Davis, H, Al, Pulteney Street School; M. D. Davis, H, L, Gt, Riverton District High School; T. Devoren, H, Al, Dominican Convent, Kapunda; E. M. Dollard, Gg, H, Al, Christian Brothers' College, Adelaide.

L. J. Eason, H, L, Al, Gt, Port Pirie District High School; D. K. Edwards, H, L, F, Al, Convent of Mercy, Angas street.

V. M. Faulkner, Gg, Al, Parkfield School; D. E. Fawcett, H, L, Al, Gt, Kapunda District High School; P. J. Featherstonhaugh, Al, Gt, Christian Brothers' College, Adelaide; F. I. Flaherty, H, F, Gt, Marist Brothers' School, Norwood; H. D. Fletcher, H, Al, Gt, Mount Gambler District High School; L. G. McFreeman, H, L, Al, Gt, Port Pirie District High School; L. D. Frost, H, L, Al, Gt, Riverton District High School.

F. A. Galloway, H, Al, Kapunda District High School; G. Gardner, H, L, F, Al, Gt, Strathalbyn District High School; W. F. J. Giles, H, L, Gt, Riverton District High School; S. M. C. Gleeson, H, Al, M, St. Joseph's Convent, Quora; E. R. Goddard, H, L, Kapunda District High School; L. J. Garry, H, L, Al, St. Joseph's School, Petersburg; F. J. Guthrie, Gg, H, L, Gt, Convent of Mercy, Angas street; J. A. Guthrie, H, L, Al, Gt, Christian Brothers' College, Adelaide.

D. C. Hannaford, Gg, H, Al, Gt, Riverton District High School; E. B. Harfield, H, L, Al, Gt, Riverton District High School; M. O. Heine, L, F, Al, St. Joseph's School, Norwood; C. Hill, H, Gt, Convent of Mercy, Mount Gambler; L. D. Hoody, Al, Gt, Jamestown District High School; D. Hunt, H, L, F, Al, Gt, Loreto Convent, Norwood.

R. A. Jackson, H, L, Al, Gt, Riverton District High School; V. Jervis, Al, Gt, Christian Brothers' College, Adelaide; W. V. Johnson, Gg, H, F, Al, Gt, Marist Brothers' High School, Port Adelaide; T. A. Joroslafsky, H, L, Al, St. Joseph's School, Burra.

K. M. Kaip, H, F, Al, Convent of Mercy, Angas street; G. D. Kelly, Al, Gt, Moonta District High School; M. Kennaro, Gg, F, Al, Gt, Marist Brothers' High School, Port Adelaide; G. H. Kentish, H, Gt, Mount Gambler District High School; P. M. Kither, H, L, F, Methodist Ladies' College, Wayville; W. J. H. Knibbs, H, L, Al, Port Pirie District High School; D. M. Knowles, H, Al, Gt, Dominican Convent, Oshen.

E. R. Leeder, H, L, Gt, Riverton District High School; M. P. Idillecrapp, H, F, Methodist Ladies' College, Wayville; L. Lutt, Al, Gt, Dominican Convent, Seraphere.

L. A. McArthur, Gg, H, L, Al, Gt, Quorn District High School; H. E. McCormack, Al, Gt, Mount Gambler District High School; M. McDowd, H, F, Al, Loreto Convent, Norwood; A. C. McEachern, Al, Gt, Mount Gambler District High School; K. McEneaney, H, L, F, Loreto Convent, Norwood; A. J. McEvoy, Gg, H, Gk, L, F, Al, Gt, Christian Brothers' C., Adelaide; E. L. McGowan, Gg, H, L, F, Al, Convent of Mercy, Port Adelaide; V. M. McHugh, L, F, Al, St. Joseph's School, Norwood; F. J. McKenzie, H, L, Al, Gt, Riverton District High School; T. L. McLarty, H, Al, Pulteney Street School; C. McMurtrie, H, Al, Gt, Mount Gambler District High School; A. McNaumra, H, L, Al, Gt, Loreto Convent, Norwood.

M. V. Melrose, H, L, F, Al, Convent of Mercy, Angas street; J. L. Merdham, H, Gk, L, F, Al, Gt, Christian Brothers' C., Adelaide; C. T. Marlow, H, L, Al, Gt, Riverton District High School; V. M. Marsson, Gg, H, St. Dominic's Priory, North Adelaide; E. I. Martin, L, L, Al, Kapunda District High School; R. T. Meaney, Gg, H, Al, St. Joseph's Convent, Caltonrie; L. G. Miller, H, F, Al, Riverton School; H. E. Mirne, L, Al, Gt, Kapunda District High School; K. A. Moody, Gg, H, Al, Kilkenny Public School; M. J. Moya, H, F, Gt, Marist Brothers' School, Nor-

wood: J. I. Murphy, H. L. Al. Gt. Kapunda District High School.

R. M. Natt, H. Al. Lanchester's Creek Public School; M. T. Sullivan, H. L. F. Gt. Dominican Convent, Franklin street; R. Neale, H. Al. Gt. Queen District High School; E. M. M. Newman, M. D. Lower Inman Public School; J. Nichols, F. Al. Gt. Christian Brothers' College, Adelaide; M. A. Noble, Gt. Al. Gt. Queen District High School; F. Norman, Gt. H. F. Tiverton School.

J. G. O'Brien, F. Gt. Marist Brothers' High School, Port Adelaide; S. G. O'Connell, Gt. Al. Tumber Bay Public School; M. O. O'Connor, A. Gt. Christian Brothers' College, Adelaide; M. O'Leary, H. Al. Good Samaritan Convent, Gawler; M. O'Malley, H. Al. Dominican Convent, Semaphore.

M. Perry, H. F. St. Joseph's School, Kensington; V. M. Perry, H. L. F. Methodist Ladies' College, Waville; R. A. Poirry, H. L. Al. Gt. Tiverton District High School; A. Pope, H. Gt. Port Pirie District High School; D. E. Porter, H. Al. Gt. Jamestown District High School.

S. Quirk, M. Gt. D. Dominican Convent, Semaphore.

L. J. Rafferty, Gt. H. Gt. L. Al. Christian Brothers' College, Adelaide; M. A. B. Raggatt, H. L. Al. Gt. Strathalbyn District High School; C. Ralph, H. Al. Gt. Pulteney Street School; E. Rice, Gt. H. L. St. Joseph's School, Thebarton; T. Richardson, H. Al. St. Joseph's School, Pirie street; R. S. E. Robins, H. L. M. Gt. Tiverton District High School; F. J. Rosen, H. F. Al. Gt. Marist Brothers' School, Norwood; A. M. Ryan, H. L. F. Al. Convent of Mercy, Angus street; M. H. Ryan, L. F. Al. St. Joseph's School, Norwood; M. A. Ryan, L. F. St. Joseph's School, Norwood.

M. M. Sanderoock, Gt. H. L. F. Al. Convent of Mercy, Parkside; A. C. Savage, H. Al. Gt. Mount Gambier District High School; E. V. Schubert, H. L. Al. Gt. Port Pirie District High School; V. F. Schultz, H. L. Al. Kapunda District High School; P. W. Shandera, Gt. H. Gt. L. F. Al. Gt. Christian Brothers' C., Adelaide; J. T. Sheppard, H. L. F., Pulteney Street School; D. H. Sane, Gt. H. F. Al. Convent of Mercy, Angus street; A. Small, Al. Gt. D. Dominican Convent, Semaphore; E. V. Spell, H. Al. Gt. Mount Gambier District High School; M. Squire, H. L. Al. St. Joseph's School, Peterburg; D. Sobelt, H. Al. Gt. Tiverton District High School; E. M. Speer, H. Al. St. Dominic's Priory, North Adelaide; M. G. Stapleton, Gt. H. F. Al. M. Convent of Mercy, Henley Beach; L. G. Stevens, H. L. Al. Kapunda District High School; R. A. Symons, Al. Gt. Mounta District High School.

R. S. Thomas, H. L. Al. Gt. Kapunda District High School; J. R. Travers, L. F. Al. St. Joseph's School, Kingswood; H. W. Tucker, H. L. F. Al. Gt. Strathalbyn District High School.

G. M. Vanstone, L. Al. Gt. Port Pirie District High School.

V. E. Walker, Al. Gt. Jamestown District High School; J. C. E. Walkley, H. L. F. Convent of Mercy, Angus street; D. T. Walsh, H. L. F. Al. Convent of Mercy, Angus street; G. E. Wapchore, Gt. H. Al. Gt. Pulteney Street School; J. Waltham, Gt. H. Al. Gt. Mounta District High School; B. A. E. Wicks, H. Al. Gt. Mount Gambier District High School; N. G. Wight, H. L. Al. Methodist Ladies' College, Waville; L. C. Wilkinson, Gt. H. Al. Christian Brothers' College, Adelaide; E. S. R. Wilden, H. Gt. Jamestown District High School.

D. C. Young, H. L. F. Al. Gt. Convent of Mercy, Parkside.

Ref. 18.9.14.

#### IN THE KUITPO FOREST.

On Saturday their Excellencies the Governor-General (Sir Ronald Munro-Ferguson) and the State Governor (Sir Henry Galway), accompanied by the Chancellor of the Adelaide University (Sir George Murray) and the Minister for Forestry (Hon. A. W. Styles) visited the Kuitpo Forest. Several natural regeneration areas were inspected, and the Governor-General approved of the methods which are being employed. A convincing demonstration of the value of tree growing has recently been made, and the details were explained to the party. Sir Ronald gave advice in many directions. For example, he emphasized the importance of evolving the most efficient form of tools for various purposes, remarking that the Germans, through their scientific studies, had solved their corresponding problems which resulted in efficiency. His Excellency also strongly advocated planting and growing timber trees closely together, 5 ft. by 5 ft. and 4 ft. by 4 ft., with a view to get better canopy, better humus, better timber, and consequently better revenue. Interesting technical discussions occurred on other "knotty" points, but the time was much too limited to get a comprehensive idea of all the work in progress, but the Governor-General had the advantage of having seen the working plan of the Kuitpo Forest some time before the visit. Mr. Styles remarked that His Excellency's personal interest in forestry in this State was doing much good. Sir Ronald gave encouragement to all, not forgetting the 100 of 15 who was the first to become a forest apprentice in the forest service of South Australia.

Ref. 18.9.14.

#### NEW UNIVERSITY DEGREES.

MELBOURNE, September 17.

In view of the importance of science to industry, which has been strongly emphasized by the establishment of the Bureau of Science by the Federal Ministry, the University of Melbourne has under consideration a proposal to establish degrees in industrial science.