

ABSTRACT OF PROCEEDINGS

OF THE

Sydney University Engineering Society.

ABSTRACT OF PROCEEDINGS.

April 30th, 1902.

THE Annual General Meeting was held in the Theatre of the Mining School. Mr. S. H. Barraclough, B.E., M.M.E., presided.

Minutes of previous meeting were read and confirmed. The report of the Council for the previous year was read and adopted. The Hon. Secretaries' report showed that the number of members was one hundred and seventy, of whom nine were honorary members. The Hon. Treasurer's report was adopted.

The officers for the year 1902-3 were then elected. Owing to the growth of the Society, two secretaries were elected: and it was decided that two auditors should be appointed.

Mr. Barraclough introduced Mr. J. J. C. Bradfield, M.E., as the incoming President.

On the motion of Mr. H. H. Dare, M.E., a hearty vote of thanks was accorded to the retiring President, Hon. Treasurer, and Hon. Secretaries.

An adjournment was then made to the various laboratories, where various exhibits were on view, and refreshments were served at 10 o'clock in the old Biological Laboratory.

ABSTRACT OF PROCEEDINGS.

June 25th, 1902.

Mr. J. J. C. Bradfield, M.E., (President), in the chair. Minutes of previous meeting were read and signed.

The following recommendation from the Council was adopted:—"That the names of graduates be struck off the roll of members if their subscriptions shall be two years in arrears if resident in the Commonwealth; if not resident therein, the matter to be left to the discretion of the Council."

The following motion by Mr. A. Jarman, A.R.S.M., seconded by Mr. J. H. F. Hill, B.A., was carried:—"That papers be printed and circulated before each meeting."

Discussion ensued on paper by Professor Warren and Mr. H. H. Dare, M.E., on the "Determination of Working Stresses in Bridges," and Mr. Dare replied.

An illustrated lecture was delivered by Mr. E. W. Nardin, B.E., on "Native Methods and Mining Tools in Sumatra." A vote of thanks to Mr. Nardin terminated the proceedings.

ABSTRACT OF PROCEEDINGS.

July 30th, 1902.

Mr. T. P. Strickland, B.E., Vice-President, occupied the chair.

Minutes of previous meeting were read and confirmed.

The discussion on Mr. Nardin's Lecture on "Native Mining in Sumatra" followed. Mr. Nardin replied.

Mr. S. H. Barraclough, B.E., M.M.E., delivered, in lieu of retiring Presidential Address, a lantern lecture entitled "Three Typical National Industries:—(1) Krupp's Steel Works at Essen; (2) The Carborundum Works at Niagara; and (3) Parson's Steam Turbine Works at Newcastle. The lecturer was accorded a hearty vote of thanks.

ABSTRACT OF PROCEEDINGS.

October 27th, 1902.

Mr. J. J. C. Bradfield, M.E., President, and about seventy members were in attendance, together with a number of visitors.

The minutes of previous meeting were read and adopted.

Mr. Bradfield welcomed the visitors on behalf of the Society, and Professor Warren on behalf of the Engineering Department.

Mr. W. J. Hanna, of the Public Works Department, apologised for the absence of the Hon. E. W. O'Sullivan through a prior engagement.

Mr. Walter A. Smith, M. Inst., C.E., Metropolitan District Engineer, Department of Public Works, read, at the Society's invitation, a paper entitled "The Treatment of Drift Sand, as applied to the Bondi Sand Dunes." The paper was illustrated by lantern slides. Discussion ensued, participated in by Professor W. H. Warren, Wh. Sc., M. Inst. C.E., Messrs. Geo. R. Cowdery, Assoc. M. Inst. C.E., T. H. Houghton, M. Inst. C.E., P. W. Rygate, M.A., B.E., J. N. C. MacTaggart, B.E., Assoc. M. Inst. C.E., and the President.

The meeting adjourned to the Engineering School, where some tests of Monier beams were conducted under Professor Warren's directions.

ABSTRACT OF PROCEEDINGS.

November 12th, 1902.

Mr. J. J. C. Bradfield, President, and about thirty members attended. Minutes of previous meeting were read and confirmed.

A paper by Mr. B. Sawyer, B.E., entitled "A Self-Acting Tramway, the Hercules Mine, Tasmania," was read by the Secretary. The Hon. Secretaries were directed to convey the thanks of the meeting to Mr. Sawyer.

Mr. J. N. C. MacTaggart, B.E., read a paper on "The Catchment Basin, Sydney Water Supply." A hearty vote of thanks to the author was passed by acclamation.

The paper was freely discussed, and Mr. MacTaggart replied.

ABSTRACT OF PROCEEDINGS.

December 19th, 1902.

The President, Mr. J. J. C. Bradfield, presided. There was an attendance of about one hundred, including visitors.

Minutes of previous meeting were read and confirmed.

The following auditors were appointed for the year: Messrs. G. A. Waterhouse, B.Sc., B.E., and H. W. Myers, B.E.

Mr. H. Deane, M.A., M. Inst. C.E., Engineer-in-Chief for Railway Construction, Department of Public Works, delivered a lecture on "The Central Railway Station of Sydney." The lecture was illustrated by numerous lantern slides.

A hearty vote of thanks was accorded Mr. Deane, on the motion of Professors Warren and David.