

SCIENCE AND DEVELOPMENT

Nearly all present-day advancement in the fields of industry and production emanate from the revelations of scientific research. The meaning of science is knowledge, and that can be obtained only by research and enquiry.

It must be sought sedulously and in the right way in order that the absolute facts may be ascertained. Otherwise the world is astray and groping in the dark. It is this meticulous care to gather definitely and beyond all question of doubt the facts surrounding industry and production which renders the work of research so trying and the tests so elaborate. The benefits flowing from it are, however, stupendous.

In his presidential address before the British Association at Oxford the Prince of Wales emphasised the enormous results which had been attained by the practical application of science; that is, the adaptation of ascertained facts to the requirements of man. There were, he said, two millions of people at work in Great Britain whose labors were made possible by Faraday, the discoverer of benzine. The handling of electricity confers almost as great a boon.

Hardly a branch of industry exists today which has not derived immense advantages from the discoveries of science. That truth is so well recognised in Britain and other manufacturing countries that there is a department of scientific research established in nearly all the large works.

The carriage of produce overseas in cold storage was beset with many difficulties, but they have all yielded, or are yielding, to scientific investigation. This will mean as much or even more to the Dominions as the discovery of benzine has to Britain.

Medicine and metallurgy have, perhaps, benefited most by the efforts of science. The victories of research into the causes and cures of disease are too numerous to recount.

One by one every known ailment is being explored and analysed until in the future it will be a simple matter of precaution to avoid nearly every ill to which flesh is heir. Indeed, the outcome of research work in medicine is to focus energies on the preventive rather than the curative side of medical activities.

Agricultural research has opened a new era for farmers with wheats which are more prolific and disease resisting, and that has been added to by the analysis of soils, enabling the landowner to conduct the operations which are most fitted to the class of soil he possesses, and is therefore able to get the highest return of which his land is capable.

Every field of man's labors offers possibilities for research and investigation, and the future trend of the whole educative system must be in that direction. An old proverb has it that knowledge is power, but unless it is turned to practical account it is like the Biblical story of the buried talent which yielded nothing.

UNIVERSITY MACE

To Be Carried in Ceremonials BEAUTIFUL METAL WORK

In all future ceremonials of Adelaide University a mace will be carried immediately before the Chancellor. A handsome symbol has been secured for the jubilee celebrations, which will begin on Saturday.

The mace will be carried for the first time at the Cathedral service on Sunday. It was designed by Mr. F. Millward Grey (principal of the School of Fine Arts, North Adelaide), and was manufactured by a firm of Adelaide silversmiths, under his personal supervision. It is 24 in. long, and is made of silver gilt. Seventy-three ounces of metal were used in its manufacture.

The design is a tapered shaft carrying a platform supported by four chaste brackets of conventional leaves. On the platform is an open book, symbolical of learning. An orb denoting the world rests upon the book. The orb is surrounded by a carved band decorated with a design of gum leaves upon a matted ground. On either side of the orb is a shield bearing the arms of the University, executed in metal and enamel. Below the shield is the University motto.

The whole presents a beautiful aspect, the work involving craftsmanship of a high order. Wherever possible the metalling was done by hand. The beauty of the work is shown in the graded chasing which decorates the shaft, and in the metalling of the leaves of the open book. The pages are suggested by the skilled use of oxidised metal, producing a realistic effect.

The mace is a distinctive emblem of a corporate body. It has been secured by the University as a memorial of the jubilee.



University Mace

which will be used in future ceremonials in Adelaide.

"ANNA CHRISTIE"

REDEMPTION THE MOTIVE

Sir Archibald Strong in Defence

Following the criticism of Adelaide Repertory Theatre for producing "Anna Christie" by Eugene O'Neill, Prof. Sir Archibald Strong, M.A., D.Litt. (president of the board), said that the Repertory Theatre aims not only at amusing people but at interesting them in the tragic aspects of life.

"If it decided merely to make people laugh, instead of also making them feel and think, it would be untrue to its mission and many of its more thoughtful members would at once sever their connection with it," he said.

"In arranging its programme for the year it tries as far as possible to alternate comedy with more serious drama. Thus 'Anna Christie' was preceded by Shaw's 'Getting Married' and will be followed by A. A. Milne's 'The Dover Road.'

Lesson of Humble Lives

"In its choice of tragic or serious plays the Repertory Theatre never has been and never will be guilty of the snobbery of confining itself to those dealing with the more genteel and smug varieties of social life.

"One main aim of modern literature is to show the tragedy and consequently the spiritual splendor which is interwoven with the sordidness of lowly lives.

"Eugene O'Neill, in his dramas, including 'Anna Christie,' attempts the same thing. He says that he finds his most dramatic material among humble lives—among people who have fallen, even as Anna Christie has fallen. 'In many cases,' he says, 'these people are inarticulate, they cannot write of their own problems, so they must suffer in silence. I like to bring their hardships into the light so that others may see and understand.'

"In saying this Mr. O'Neill is merely asserting the claim, which will be honored by all artists and thinkers, to choose his human material from any stratum of society which will enable him to bring his audience more intensely in touch with the meaning of life.

Language Not Indecent

"If he has a right to choose lowly lives for this purpose he must obviously also choose lowly speech, and it is not to be expected or desired that his barges or stokers should use the language of Mayfair or North Adelaide.

"There is something rather shocking to me personally in the outlook of those who are shocked by any of the language used in 'Anna Christie.' Some of that language is indeed coarse, but none of it is indecent either in meaning or suggestion.

"A certain adjective used which is sometimes rather arrogantly named by the people in this country the 'Australian adjective' is perfectly innocent in its origin and meaning and is avoided in polite society only because of the ugliness of its sound.

"To excise it from the speech of a stage barge would be the height of prudery. In no part of our Empire would such an attempt ever be made.

Love Triumphant

"The whole significance of 'Anna Christie' as it stands is the redemption of two lives from sin through love. That redemption may be achieved there must be initial degradation, and in many modern plays which are staged elsewhere without adverse criticism such degradation involves reference to the past of a fallen woman. 'Camille' and 'The Second Mrs. Tarrat' are cases in point.

"That the audience on Saturday night fully understood and appreciated the play was evidenced by the enthusiastic applause of the brilliant acting.

"The Repertory Theatre never allows calls or raises the curtain after the acts. If it had departed from its invariable custom on this occasion the performers would have been recalled again and again.

"Since my connection with Adelaide Repertory Theatre began I have never sat among a more keenly interested audience."

INDUCTED TO CHRIST CHURCH

Rev. H. Woolnough, B.A.

STRATHALBYN, Today.

The ceremony of inducting the Rev. Harold Woolnough, B.A., to the rectorship of the parish of Strathalbyn and of Christ Church was performed by the Right Rev. Dr. A. Nutter Thomas (Bishop of Adelaide), assisted by Mr. F. C. Laycock, one of the regular lay readers of the parish, who took the place of the Ven. Archdeacon Bussell, who was prevented from attending on account of a serious accident to his wife.

University Jubilee

"Lay Preacher," Woodville:—In the column adjoining the excellent article by your esteemed weekly contributor "Mark Western" is printed a protest by the Presbytery of Adelaide against the University Council for having arranged a jubilee service in St. Peter's Cathedral.

Reading the last section of the resolution one feels sorry that the Presbytery, while claiming to enter into the universal desire for unity and harmony, should show by its action that prejudice has clouded its perception of what unity and harmony really mean. It is always the non-essentials which bar the way to a linking up in Christian fellowship and the spectacle is not edifying. But—

"When brethren all in one agree
We know the joys of unity."

The chalk line legend of Robert Louis Stevenson is a pertinent illustration of this spirit of division. On occasions I have used it at services to indicate the foolishness of sectional differences.

Is our Lord's prayer before His betrayal and crucifixion to be answered? Some day it will be in the Church Universal, but why should the blessings of unity not come now to the leaders in various churches whose bitterness so disturbs members?

The prayer of Jesus in John 17: 21 and 22, is full of fervor:—"I pray for all that believe in Me through Thy word; that they all may be one; that they also be one in Us; that the world may believe that Thou has sent Me."



Mr. S. W. Jeffries, LL.B.
who has been elected president of the Methodist Men's Missionary Movement.

By the latest mail Dr. Harold Davies has received further news of Mr. Frederick Bevan, who wrote shortly before he left London to return to Australia by way of Canada and the United States. Mr. Bevan is in the best of health, and has been having a wonderful time in England, with "not a dull moment." He has seen a great deal of the Royal College, and had long talks with the director (Sir Hugh Allen), as well as meeting many of the professors, and hearing recitals and performances of opera. Mr. Bevan is looking forward eagerly to his return, and the resumption of his work in the Elder Conservatorium, at the beginning of October. He was to sail for New York on July 23, and expected to reach Adelaide about the end of September.