ADVERTISER PROFESSOR BRAILSFORD ROB-

ERTSON AND JACQUES LOEB.

To the Editor.

Six-I have genque frespect for our Unigrany professors, and for that reason Nosely study there deliverances. Each is an expert carefully chosen for a special subject. Professor Brailword Robertson is a highly qualined professor or blology, who by observation and experiment has rendered distinguished service to the cause of schence. I fully recognise his abilities and his service. It is a simple fact, however, but, ontside the limits of his special withsees, a University professor stands on the same ground as the average educated man, and must therefore expect criticism. The report of the fecture on The life and work of Jacques Loob I read with interest, and, am bound to say, with considerable disappointment. The proven facts of science are one thing, their interpretation another. No same man will dispute a fact scientineally demonstrated, whatever its nuplications may be. But on the interpretation of the tacts the ordinary man is entitled to his opinious and it is on this ground that I venture to break a lance with Professor. Brausford Robertson,

To make my position quite clear, let me my that I do not dispute any of the facts regarding Loeb's life and work adduced in the lecture. Nor am I, as someone sugrested in a previous correspondence, foolish smough to dispute the professor's right to his opinion. The burden of my complaint is that the inferences drawn from the facts are for the most part quite unwarranted. The processor regards his former chief with a kind of hero worship, which perhaps obscures his better judgment. A recent scientific authority expresses very concisely what I wish to my. I respectfully suggest that these words apply equally to Professor Robertson:

It has repeatedly been proved that eminence in physical and elemical experiments, such as Dr. Loob's have really been, does not necessarily qualify a man for discussing the ultimate problems of life and mind. The psychological and philosophical writings of Dr. Lieb liave done nothing to advance his reputation, and have been very soverely handled by the students of those soldects. Further researches along the lines of those made by Dr. Look have also been carried out by Professor Briesch and others, with the result that a wholly mechanistic interpretation is found to be impossible,

he professor asks, What should be said on the main theses (of Dr. Loob), culminating in the view that man was an automaton, moved wholly by chemical or physical I reply that this view is not proven, that it is rejected by the majority of eminent men of science to-day, and that it is inadequate to account for manirold and vital activities of men. One might add that it is incorrect to ascribe this view to Dr. Loeb as its originator. It is as old, at least implicitly, as Democritus, Epicurus, and Lucretius, and is therefore over 2,000 years old. "Locb set to work to strip the mystery from life, and to show that living bodies, no less than manimate bodies, were machines, impelled by physical and mechanical torces, mys the professor, who opviously opines that Loeb has succeeded in stripping the mystery from laie. This is news indeed. Years ago Du Bois-Reymond, whom Professor Haeckel hailed as the all-powerful secretary and dictator of the Berlin Academy of Science, declared that science had no solution for seven enigmas. These are (I) the nature and origin of matter and of force; (2) the origin of motion; (3) the origin of life; (4) The apparently origin of rational thought and speech; (7) free-will. Assuming that Dr. Lock. rejects the idea of Creation, may I ask the professor to supply the solution of the above problems now that the mystery has been stripped from hie? He cannot do I lear-

Again, "m many of the simpler forms or life inhabiting the ocean bed, mutility tion resulted in the regeneration or regrowth of the missing parts." Far from proving the truth of mechanism, this seems to me to prove the opposite, and indicates that "some kind of force other than that recognised by chemists and must have its existence in living call, a force which is able to discre

it to its appointed term of development and even to lead it there in spite of difnoulties which it could never have been supposed a lew years ago would have been ulusul in its way." Once more, Losh "proved that the polarity of many ci these organisms was entirely due to Someon anticipated Lorb, but he gave a amiliar explanation, to which a very returned provision replied: -"This explanatoos to the expelers no doubt sounds to the full av satisfactors as did the blessed word Masopatamia, but schen we come or examine the meaning of the parase we the explanation of po explanation of See Berreaux Windle, M.A., M.D.

LLD, FRS. FS.A.J. But in any case, as we are stripping were musteries, let us ask, what is policity? and what is gravity? I do not were repair. but is themselves. No

authorizer answer appears possible, since these things owne under the account given. by Lange of motter and force. This greatmanior afterns in his History of Materialisse, clear "the inner nature of matter, and beere escapes the notice of the man someone of spensor. If that he true, and it is

in the craunted wall or any single thin toan a street-arab. Newman asked: "What do I know of matter? Just as much as the greatest philosopher, and that is nothing." One might reasonably expeet historical accuracy in a set lecture. Yet we read of the pre-revolutionary period in France that "people were taught to believe at that time by their religious instructors that human nature was essentially bad." New the religious instructors at that period were, in France, doubtless the Catholic clergy. Since the doctrine that human unince is essentially

bad has always been explicitly and strongly

condemned by the Catholic Church per-

3. 8. 25.

haps the professor will consider a wita-There are other passages one might wish and been omitted. For example:-"The musics were fettered to unwearying labor by religious dogma, superstition, and recognition of a higher will;" also, "The mysticism which revelled in ignorance of hatural henomena," and others of a similar type. "The persecution of the Inquisition" is also introduced as it to complete the resemblance of the professor's dircourse to a cheap rationalist reprint or the most approved sectarian sheet. One may my that the above selections, and, indeed, the whole address, betrays a looseness and inaccuracy of thought and expression by no means consistent with the reputation of a scholar. There is an element of humor in the thought that Professor Mitchell was chairman during the address. I wonder what thoughts passed through the mind of this kindly and cultured gentleman as he listened to a lecture of which the logical issue was the abolition of the chair of psychology. Nay, to pursue the thing to its final analysis, Professor Robertson's own chair is doomed, for it everything can be reduced to physics and chemistry, and

son, Dr. Haldane says:-This argument, in its widest form, is undoubtedly based on the metaphysical assumption that the universe, interpreted as it is in the physical sciences as a universe of matter and Both were thoughtfully played. They energy, corresponds to absolute reality, and is for comprised a melodious "Andante express this reason incapable of further interpretation, sivo," and a dainty rhythmical "Canzon-The work of modern philosophy since Berkeley etta." Alex Burnard was represented

finally to mechanics (and some say to

mathematics), the faculty of science at our

University can do without a professor of

ago Bacon observed that "a little phileso- Miss Ada Wordie.

which he had devoted the whole of his and "When I am dead, my dearest" life. In his private life, like his illustrious (Christina Rosetti). The evenness and compatriot, Pasteur, he was a devout, limpid sweetness of Miss Ridings' voice humble, religious man. Both these great were ideal for these exquisite melodies, of the Commonwealth). It is probable men held with Bacon, "It is no less true Arthur Williamson's vocal bracket, that he will be absent from Australia for designed order of nature; (5) the origin shall enter it except he become first as a (Heine) were compositions worthy of the little child."-I am, &c.,

R. P. DENNY. Hamley Bridge, July 31, 1925.

REGISTER. 4.8.25

R.M.S. Orama is Mr. Bruce Anderson, son of Mr. and Mrs. H. W. Anderson, o



MR. SRUCE ANDERSON.

festations? Dr. Lock knows no more of native city, and will undertake the overthe power meture or execute of the flower, seas journey in about his process time.

MERISTER 4.8.25 ELDER CONSERVATORIUM ASSOCIATION.

Evening of Original Compositions.

The second gathering, held under the auspices of the recently formed Elder Conservatorium Association, attracted a deeply interested assembly of past and present students and members of the staff to the Elder Hall on Monday evening. Included in the audience were the Director of the Conservatorium (Dr. E. Harold Davies), the President (Mr. Frederick Bevan), and the secretary (Mr. H. K. Othams), who had capably organized all the details. The occasion was a distinctive one in the Conservatorium annals. for the concert consisted entirely of original compositions by the members. To Mr. Arthur Williamson is due the credit of having arranged the programme. All the numbers were splendidly performed. There were songs, planoforte solos, violiu solos, and a planoforte concerto. In the majority of cases the songs and stringed items were accompanied by the composers. There was a preponderance of vocal numbers, but great variety was manifested in this section.

The introductory pianoforte solos, "Two preludes," by H. J. Perkins, were played by the composer, and their contrasting themes-the one thoughtful, the other brilliant-were finely interpreted. Reginala Bevan's delightful three-fold brucket of songs commenced the vocal portion, and Miss Hilda Gill's rich contralto notes did full justice to the melodious and attractive love songs-"The thought of you" (Celia M. Robinson). "Visions" (Chrystabel). and "The night has a thousand eyes" (Bourdillon). Two songs by Harold Wylde, "Dawn" (Anon), and "Wilt thou be my dearie?" (Burns) were rendered biology; which is absurd. Of the thesis of Loeb as formulated by Professor Robertby Miss Ada Wordie, with due appreciation of their scholarly appeal. To Miss Clarice Gmeiner was entrusted the rendition of Arthur Williamson's violin solos. and Hums has shown that the assumption in ques- with a bracket of songs. "The city child" tion is without founcation. and "Birdle and baby." Miss Olive Bas-In conclusion I venture to think that nett acquitted herself creditably as the Professor Robertson does not exhibit the soloist for their distinctive items modesty of a true man of science in the with their difficult accompaniments. presence of the mysteries of Nature, mys- Maude Puddy's group of songs, "Renunteries which profound study tends to ciation," "Practerita," and "A song in deepen rather than dispel. Three centuries summer," was charmingly presented by phy inclineth man's mind to atheism; but clarity of the first item, the classic deli-The purity and depth in philosophy bringeth men's minds cacy of the second, and the lilting air about to religion." The great French of the last one were rendered each in its man, J. Henri Fabre, who stands in the corresponding mood. T. D. Campbeil's very forefront in the ranks of scientific very modern pianoforte solo, "Brolgas" men, gives wise counsel in the following was played with insight by Mr. Alex Burnard, who skilfully brought out the quaint Let us acknowledge that in truth we know beauty of that composition. Francis S. nothing about anything so far as ultimate truth; Walker's impressive writing, "A yagabond ture is a riddle to which human curlosity can find song' (K. H. Weston) eminently suited no answer. Hypothesis follows hypothesis, the Miss Olive Bassnett's range, and she sang ruins of theories are piled one on another, but that fine melody to Miss Mignon Weston's truth ever escapes us. To learn how to remain accompaniment. An example of true, in ignorance may well be the final lesson of wis- artistic singing was afforded by Miss Ethel Ridings, in Reginald Bevan's bracket, "My Here he speaks as a man of science, to true love bath my heart" (Philip Sydney) finished singing of Miss Linda Wald, who in both numbers excelled herself, the velvety softness and roundness of tone sugwas the brilliantly composed and also brilliantly played "Pianoforte Concerto in A Robe terrace, Medindie. About 18 months Flat." by H. Brewster Jones, who had ago Mr. Auderson left for England to selected Mr. Spruhan Kennedy and Miss Alice Moncrieff as the interpreters. This in three sparkling movements.

At the conclusion of the programme Mr. Bevan briefly thanked the artists for collastic record, as after gaining honours at laborating in giving such an enjoyable evening. He said there was evidently abundance of eventive talent in their midst. (Applause.)

HOVERTISER 4-6-25 CONSERVATORIUM STUDENTS CONCERT.

With the object of lostering composition among its members the Elder Conservatorium Association on Monday night held an evening for the presentation of original compositions. Inc programme empraced both vocal and instrumental numbers. under the latter heading being violin and planoforte ifems. A guit for composition the report of the sub-committee in regard on the part of several members of the association manifested itself in works of undoubted merit. The composers represented on the programme were:-Messrs. H. J. Petkins, Reginald Bevan, Harold of Atoms," and as Sir Ernest's stay in Wylde, Arthur Williamson, Alex. Burnard, T. D. Campbell, Francis S. Walker, and M. Brewster Jones and Miss Maude Puddy. Those who presented the numhers were: Mesers, H. J. Perkins, Alex. Burnard, and Spruban Kentrue, how can muchanism claim to no continue his studies along the mass of res forte). Mass Clarica Gaminer (violin), count for all phenomens, including matter search work at Cambridge. At present Misson Hilds Gill, Ada Wondie, Olive Fand force, as more chemica-physical mani- he is spending the long vacation in his Basenett. Natio Serve, Ethel Ridings,

REGISTER 4-8-25 PRICKLY PEAR.

Commonwealth Investigation.

South Australian to Visit America.

On September 16 Mr. H. K. Lewcock, B.Sc., Ag., a graduate of the Reseworthy Agricultural College, will icave for America. His mission will be observation on behalf of the Commonwealth Government of points with regard to prickly pear eradica-

Mr. Lewcock will also enquire into the practical application of destructive methods for a pest which is monopolizing large sections of country in Queensland and the northern semi-tropical regions of New South Wales.

Born at Clare 25 years ago, son of Mr. W. G. Lewcock, and the grandson of the Clare pioneer intense culturist, Mr. Lewcock comes of a family which is decidedly practical. On top of it all Mr. Lewcock has added the latest scientific knowledge, and his preferment was won in competition from about 40 others (from all parts



MR. P. K. LEWCOCK, B.S.

in this human kingdom of knowledge than "Morning song" (to a sleeping child) (E. at least two years, as the travelling myco-in God's kingdom of heaven, that no man Nesbit Bland), and "Golden stars" logist, under the Commonwealth Prickly Pear Board, which was established on the recommendation of the Department of Science of Industry. The duties entailed gesting much careful foundation work, will necessitate close application for two Mr. Harold Parsons contributed a custom- years under the direction of the United Among the arrivals in Adelante by the arily able cello obbligate to the dramatic States Department of Mycology with study "Golden stars." The concluding offering both in the universities and in the field. Subsequently he will inspect the opuntia areas of Mexico to make himself conversant with the latest methods adopted there to combat the prickly pear trouble. Upon is a difficult, thoughtful, and clever work, his return to Australia his headquarters will be in Queensland.

Mr. Lewcock has a distinguished scho-Reseworthy Agricultural College he we it to the Adelaide University, where he won the John Bagot Scholarship in Botany, and after graduation became th Lowrie Scholar for Research, in which ex pacity he was subsequently an assistant n the laboratory of Professor Cleland: His earlier successes included the Ridley Scholarship.

NEWS. 1. 8.25. University Lectures

The Council of the University of Adelaide at its meeting yesterday adopted to the lectures to be delivered by Sir Ernest Rutherford. He will arrive in Adelaide early in September. The subject of the lecture will be "The Structure Adelaide will be short the lectures have been arranged for the evenings of September 3 and 4, and will be delivered in the Brookman Hall, at the School of

A film of the Brownian movement will be shown and the tectures will be illustrated with slides. Sir Ernest will proceed to Melbourne and Sydney to deliver and Linda Wald (vecal). The accompanies cities, He will then return to Britain a course of lectures in each of those were the composers and Miss Mignon Wes by way of New Zealand.