

## A Talk on Music

FROM 2YA on Monday, November 17, the programme will be interrupted for a lecture which should be of unusual interest to all radio listeners. Dr. John Borland, who is at present in New Zealand examining for the Trinity College Examinations, will speak on the "Foundations of Musical Training."

## Special N.Z. Programme

I HAVE received a communication from HRB, of Honduras, Central America, saying that they will be transmitting a special N.Z. programme on November 29. Some weeks back I received verification from this station, and they asked me to fix a date for a special programme. I gave November 29 as the date, and it appears that they have accepted this date.

Transmission will be made, using a power of 2500 watts. The first half of the programme will be made on a wavelength of 49.95 metres, and the latter half on a wave of 48.62 metres. This arrangement is made so that the two halves of the programme may be compared.

HRB invites reports from N.Z., particularly those on the reception of the special programme.—Vernon Wheatley (Auckland).

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THE MATI TRIO.  
A popular Auckland combination whose light numbers from 1YA attract a great deal of interest.

—S. P. Andrew, photo.

## FZR, Saigon

ON Sunday (October 19), on 18.5 metres, FZR, Saigon, at 7.40 p.m., was calling JAA, Tokio. Volume was R9, very clear and steady. I have also heard him on 24.9 metres. Volume is nearly always R9. FZR operates on 18.5 metres from 11-12 noon, E.S.T.; 24.9 metres from 11-12 noon, E.S.T. On the former wavelength he is on duplex with FRE, St. Assise, France, while on the latter he is testing with FTN, St. Assise, France. On 16.88

metres, PHI, Huizen, Holland, works from 8 to 10.30 a.m. Monday, Wednesday, Thursday, Friday, Saturday, E.S.T., which equals about 12.30 midnight to 3 a.m. the following day here; this explains why PHI is seldom heard here now.—"Metre" (Huntly).

TWO steam trawlers which fish on the Dogger Bank have been fitted with wireless telephone equipment. They will patrol the fishing grounds and give reports by radio of the movement of shoals.

## Greatest Discovery

## Hundred Years of Electricity

THE Royal Institution is making arrangements for the celebration in September, 1931, of the discovery by Michael Faraday of electro-magnetic induction, in which lies the origin of the dynamo and which is the starting point of the utilisation of electric power for the purposes of man.

The day of the discovery was August 29, 1831. On that day Faraday, as his diary shows, working in his laboratory at the Royal Institution, wound two coils of wire on to opposite sides of a soft iron ring, connected one coil to a battery and the other to a galvanometer, and at the "make" and "break" of the battery circuit observed the deflections of the galvanometer connected in the other circuit.

From this simple experiment and the variations made in it by Faraday in subsequent trials has grown in the past 100 years the science of electrical engineering. The Royal Institution, in a preliminary announcement of the proposed celebrations, says: "No other experiment in physical science has been more fruitful in benefit for mankind. August 29, 1931, is, then, the centenary of one of the great events in the history of the world."

The Royal Institution and the Institution of Electrical Engineers have joined forces in making plans for the celebrations, and a number of other societies and organisations are co-operating. The Royal Society will entertain the delegates; the British Association has arranged the dates for its centenary meeting in London, also in 1931, to coincide with the Faraday celebrations; the Federal Council for Chemistry will participate in the arrangement of a Faraday Exhibition, for Faraday's chemical researches—his isolation of benzene and his establishment of the laws of electro-chemistry—are hardly less remarkable than his purely electrical discoveries, and Governments, university, and scientific interests have joined in offering their assistance to make the celebrations worthy of the occasion.

Faraday kept a careful diary, in his own hand, of all his experimental work, which was bequeathed to the Royal Institution, and for over 60 years has been its most treasured possession. The Royal Institution has resolved to publish the diary in full. It is intended to have two or more of the six or eight volumes in which the work will ultimately be completed ready by September, 1931.

ELECTRICITY Power Boards charge anything from 1d. to 8d. per unit (according to the districts), but the cost of one such unit supplied from batteries would run into pounds.

## Heavy Smoker for 63 Years

I was a heavy smoker for 63 years, but after using half a bottle of "Anti-Bacco," I am grateful to say I am a non-smoker. Write or call for particulars. Home Welfare Pty., A.M.P. Buildings, 36R Hunter Street, Wellington.

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