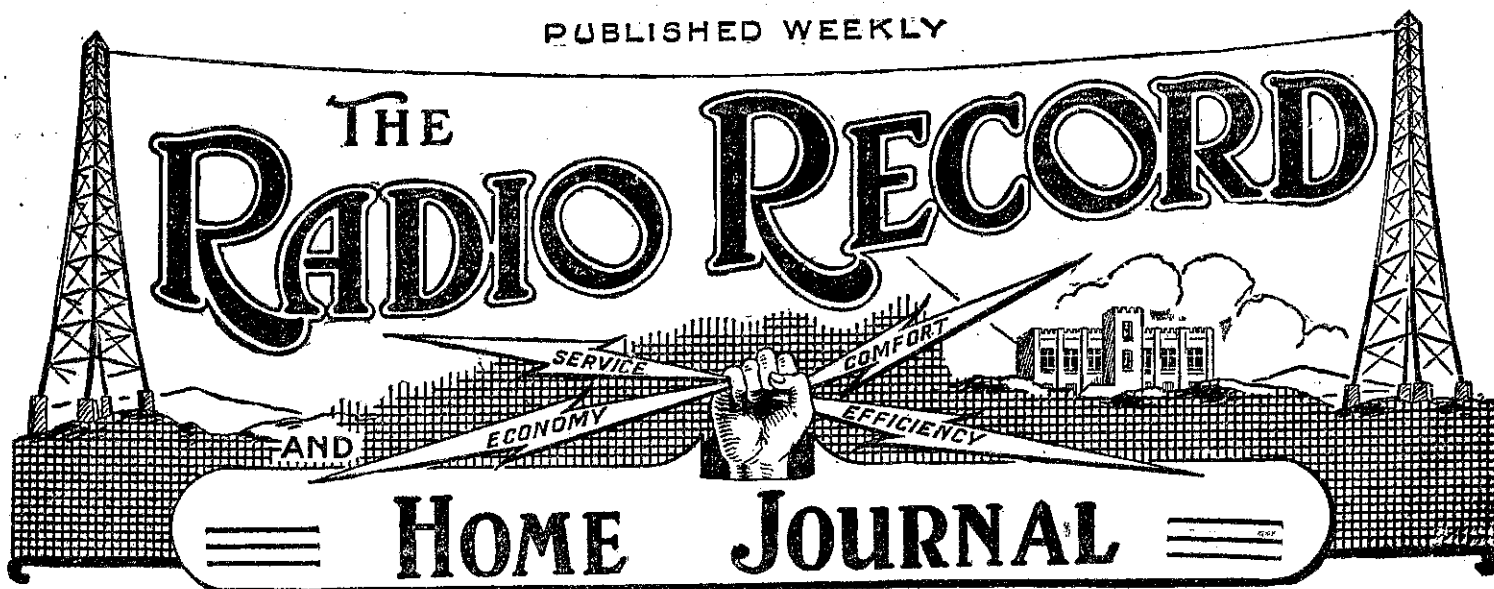


PUBLISHED WEEKLY

# THE RADIO RECORD



Vol. No. 38.

WELLINGTON, FRIDAY, APRIL 1, 1932.

Price, 3d.

## How Much are You Missing?

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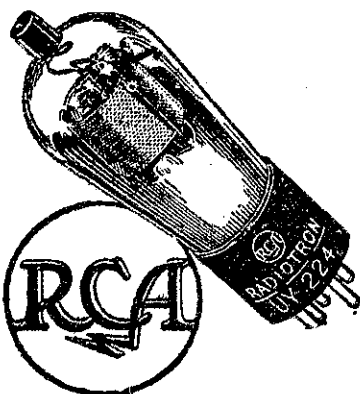
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## Science and Humanity

Broadcast Talk by  
Aldous Huxley

MR. ALDOUS HUXLEY, in the second of a series of B.B.C. broadcast talks on "Science and Civilisation," stated that we were passing through

a time of crisis, the reason, in the last resort, being that science had been applied to human affairs neither adequately nor efficiently.

Nature used to be the enemy of man; now that enemy had been largely conquered and our present troubles were entirely artificial, due partly to wrong policy and partly to mal-application of science.

We were told we must return to nature and abandon science and live like primitives. "The trouble is that such advice cannot be followed except by sacrificing eight or nine hundred lives."

Science had enabled the world's population to double itself in three generations. Tolstoi and Gandhi were reputed to be humanitarians, but they, in effect, advocated a slaughter beside

which that of Genghis Khan would be negligible.

"The only cure is more science, and not less." Human activities must be regulated scientifically. Science was a means to an end—but to what end? By what hands was this potent instrument to be wielded?

## The Humanist View.

ECONOMISTS demanded for their world the maximum of stability and uniformity. The most profitable method of production was mass production.

It was perhaps a hopeful feature that the interests of the economists were opposed to the philosophy of the Nationalists, whose policy had been so disastrous. International good-will paid handsomely, and, therefore, economic pressure might force the peoples out of their mutual hostilities. Mass producers needed world markets, which implied peace and Free Trade.

Stability and uniformity which the economists demanded were means to an end.

They wanted to keep the world safe for political economy and to create a race of mass producers and mass consumers. They might suppress science itself because scientific research would be subversive and might make at any time equipment and technique obsolete.

We had ourselves seen the power of mass-suggestion by wireless and poster, though propaganda was still not fully used. Psychological science showed how propaganda could be used effectively. Freud and his school had demonstrated how the entire philosophy of life might be shaped by the experience of the early years—how conditioned reflexes became unbreakable habits and how unconditioned reflexes are very few.

Some day our rulers might have a scheme for the control of new-born babies in creches, and so create in their subjects any pattern of behaviour which they liked. They would thus have the State in their own hands, although by retaining the forms of democracy they would leave to the people the illusion that they were exercising a free choice.

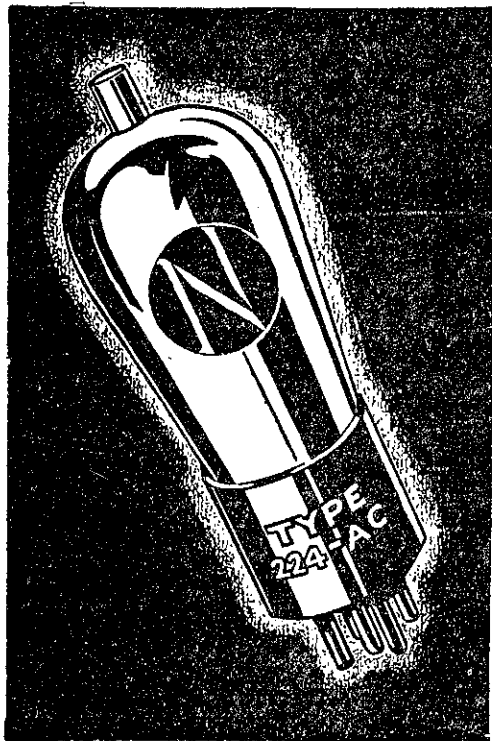
For the economist ruler, scientific propaganda would be a heaven-sent means of creating a race of ideal producers and consumers. Scientific propaganda, in fact, might enable future rulers to do what mediaeval Popes attempted—but failed in doing—to create a great world-wide community, united by a common faith and a common mentality, a Holy Roman Empire without Christianity.

## Rival Ideals.

EUGENICS was not yet practical politics, but propaganda could easily make it so. The humanist would see in eugenics a sure way to the cultivation of the higher qualities, but would the economist be anxious to improve the race? On the contrary, he might wish to deteriorate it because he wanted a perfect mass consumer and producer, and industrialists might find that the majority of jobs could be better performed by stupid people than by intelligent.

Economists might wish to lower the average mental standard, and that would mean breeding a small caste of experts. In fact, society would have to be organised on a caste basis of Brahmins and Untouchables. But the unintended effects of any action were often more considerable than the intended, and for a long time science would be unable to eliminate those unintended effects.

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FOR the first time, shipments of the National Union Radio Valves were forwarded to jobbers on February 15th, 1930.

Produced with painstaking precision and packaged with distinction, this new and finer radio valve has gone forth to assume the leadership for which it was destined.

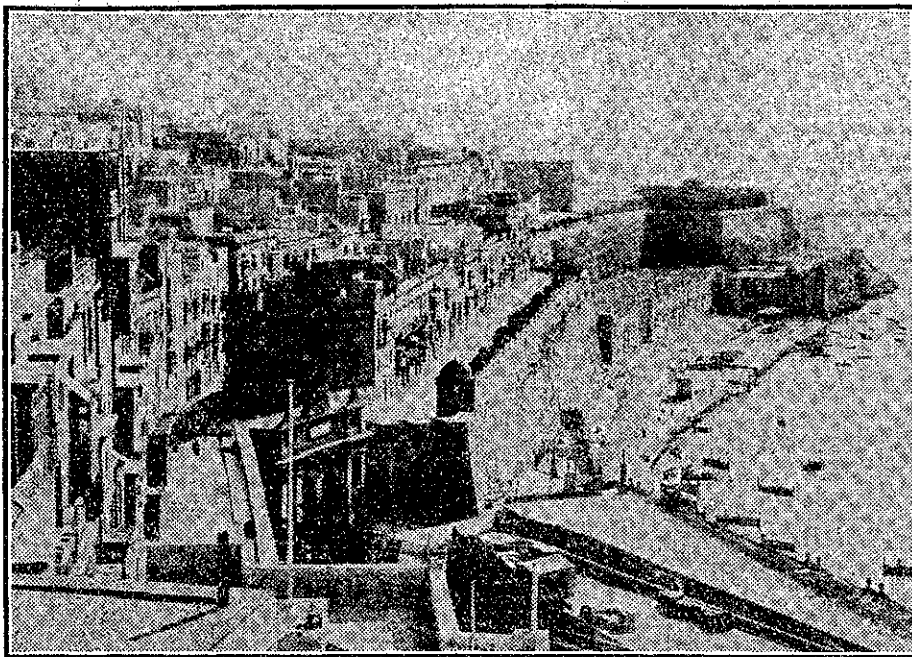
This is no ordinary radio valve to take a quiet place in the ranks of radio. It is the perfected product of at great combine of men and resources, who have determined to produce an outstanding figure in the radio valve world. The weeks and months to come will find the new National Union Radio Valve increasingly important in the eyes of dealers and jobbers, and the years will find it deeply entrenched in the favor of millions of set owners.

Such is the new National Union Radio Valve. If you can appreciate the value of being a National Union Dealer or a National Union Jobber, you will communicate with us—soon.

MILES NELSON,

Representative,

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N.Z.The  
NEWNATIONAL  
RADIO VALVE



A view of Valetta,  
capital of Malta.



A typically narrow  
street in one of the  
small villages.

# Malta

## Its Hopes and Problems

by

Dr. Guy H. Scholefield

A 2YA Talk

IT is a change now and again to forsake the major troubles of the world and to speak about some country which enjoys quite different conditions. It is not easy to find a country now which has no oppressive debts or political disputes, but at any rate, Malta, being a small country, has them on a smaller scale.

Malta most of us know as the home of romance throughout the middle ages; the stronghold of the Knights of St. John when the Turks drove them away from the Holy Land; and the country of the Grand Harbour of Valetta and the historic Fort St. Elmo. Most people who have been to Great Britain through the Mediterranean know that Malta stands guard at the narrow passage midway through that sea. It thus has a most important military position. Incidentally I may state that during the war it was a half-way house for our New Zealand wounded and sick between Egypt and England. Many thousands of them lay for weeks in hospital there. Later it was found that the heat was unfavourable to their recovery, and they were brought right on to England.

Malta consists of three islands: Malta itself, of 90 square miles; Gozo, of 20 square miles; and Comino, a small patch of one square mile. Malta is rockbound and by nature somewhat arid and dry, but the native farmers till the soil very successfully. They manage by their industry to grow enough in the year to keep the whole population for three months. The highest hills in Malta are just about 700 feet. There is a rainfall of 20 inches in the year, but it is very uncertain in its occurrence. The climate generally is temperate, but there is a troublesome hot wind from the north-west which scorches the vegetation and is a constant danger to small shipping.

Most of the country people are farmers, but their farms are small and they live together in villages. When I say there are 10,000 farms in an area of 90 square miles, from which a large city and port has already been taken, you will understand that the farms must be very small. As a matter of fact, they average about four acres. The principal crops are maize, wheat and barley; wine and fruit. Owing to the mild climate the Maltese are able to export fruit profitably at odd seasons. Of farm animals there are fine cattle and some sheep

and goats, but, of course, there is not room for many of them. Then we must not forget the hand industries of Malta, the chief of which is lace-making. There has also been a certain amount of pottery for centuries past.

It is obvious that, but for their position on trade routes, these islands would have no population at all. The main purpose of Malta in the modern world has been as a fortress or

strong point in British communications. In fact, its strategic position has been the mainspring of its importance all along. It was on account of that position between the eastern and western parts of the Mediterranean that the Phoenicians took up their abode there, and later the Carthaginians, and later the Knights of St. John. The population has for many centuries been larger than the islands could possibly support. The Knights of St. John supplemented the island wealth by revenues they drew from their own estates in various European countries, and also by plundering the commerce of the Turks and others. In the last hundred years or so, since the British occupied Malta, the population has steadily grown to something like a quarter of a million people. The fields of Malta could not possibly support such a mass of people. Most of them have earned their living by working for the naval and military authorities, and as seamen on British and Italian ships. Somehow or other the Government has generally managed in the last half century or so to keep the accounts balanced, but there was a great problem to solve when the war ended and 25,000 men and women were suddenly thrown out of work. A scheme of emigration had to be inaugurated to ease the distress.

YOU will guess from the position of Malta, close to the mainland of Italy and the island of Sicily, that the people are mainly of Italian extraction. Yet they differ in important respects. They do not speak the Italian language. Their own patois is based on words from English, French, Spanish, Italian and Arabic. Eighty-six per cent. of the Maltese cannot understand Italian, and it is one of their main grievances that the court proceedings are in that language. They naturally consider they are being tried in a foreign tongue. Until Napoleon's time the language of the courts—(Continued on page 22.)

# LIST OF MUSICAL NUMBERS

for the

## Music Lovers' Competition

### Fifth Series

THE excerpts to be given in the fifth series of the "Music-Lovers' Competition" on the dates below will be chosen from the accompanying list:—

1YA	Tuesday, April 5
2YA	Wednesday, April 6
3YA	Thursday, April 7
4YA	Monday, April 11

THE interest that is being taken in the Music-Lovers' Competition is indicated by the fact that, by request, it has been arranged for relays to be carried out each Monday evening from 4YA, Dunedin, to Invercargill for broadcasting by station 4ZP.

Dicky Bird Hop.  
Demande et Response.  
The Long Day Closes.  
Perfection Polka.  
The Return of Peer Gynt.  
Hawaiian Girl o' Mine.  
The Windmill Man.  
Serenade (Heykens).  
Over the Waves.  
Beautiful Garden of Roses.  
Beautiful.  
Adoration.  
Ave Verum.  
Kiss Me Again.  
The Ride of the Valkyries.  
Die Nacht.  
Silk and Velvet Waltz.  
Melody in F (Rubinstein).  
The Maiden's Prayer.  
Shepherds Hey.  
O, Peaceful Night.  
La Corrida.  
Deep River.  
The Waltz You Saved for Me.  
A Little Night Music—Serenade.  
Old Pal.  
Elegie (Massenet).  
Octobre.  
Shulamith Selection.  
Nymphs and Shepherds.  
Intermezzo Russe.  
The Flying Dutchman Overture.  
Traviata, Prelude Act 1.  
Two Hearts in Triple Time.  
The Question.  
Dreamy Rocky Mountain Moon.  
Rienzi Overture.  
For You.  
Pale Moon.  
The Fortune Teller.  
Orpheus in Hades.  
The Far Away Bells.  
La Sorella.  
Artists Life.  
Serenata Silvestri.  
The Skaters.  
Serenata Amorosa.  
Gavotte from Idomeneo.  
Der Tanz.  
Le Jet d'Eau.  
The Erl King.  
The Prince Waltz.  
Anitra's Dance (Peer Gynt).  
The Secret of Susanna.  
Sicily of Mine.  
Faust Waltz.  
Santa Lucia.  
The Linden Tree.  
The School of the Fauns.

Maria Mari.  
Dalvisa.  
Sometimes I'm Happy.  
Song of the Anvil.  
Frühlingstimmen.  
My Florence.  
Simple Aven.  
Little Words of Love.  
Le Cid Ballet Music.  
Annie Laurie.  
Wiener Blut.  
Cielito Lindo.  
The Wedding of the Painted Doll.  
National Emblem March.  
The Men of Harlech.  
Flight of the Bumble Bee.  
Mother o' Mine.  
Marche Hongroise.  
Oh! Donna Clara.  
Hearts and Flowers.  
Silent Night.  
The Bells of St. Michael's Tower.  
The Bees' Wedding.  
Nellie Gray.  
Arab Dance (Nutteracker Suite).  
Oriental One-step.  
Hearts and Diamonds.  
Spinning Chorus.  
Cuckoo Waltz.  
Tales from the Vienna Woods.  
Land of My Fathers.  
Thoughts at Twilight.  
At Dawning.  
Old Comrades.  
Sweetheart.  
Belphegor.  
Danse Macabre.  
Deep River.  
The Stars and Stripes Forever.  
King Cotton.  
The Call of the Angelus.  
Vision of Love.  
Pagan Love Song.  
Silver Moon.

Gipsy Love.  
Bright Shines the Moon.  
The World is Waiting for the Sunrise.  
Swing Low, Sweet Chariot.  
Doctrinen.  
All Through the Night.  
Sally in Our Alley.  
The Flowers' Dream.  
Beautiful Days.  
The Magic Flute Overture.  
On Wings of Song.  
Stephanie Gavotte.  
Turkey in the Straw.  
Polonaise No. 2.  
Sweet and Low.  
Down South.  
Consolation.  
Hymn Before Action.  
The Answer.  
Tres Jolie.  
Finlandia.  
Flower of Spain.  
Traumerei.  
Espana.  
When the Lemons Bloom.  
The Red Sarafan.  
Friends for Ever.  
The Fly's Courtship.  
Bail to the Flag.  
Coeur Brise.  
In an Old-fashioned Town.  
La Habanera.  
Madrigale.  
Homage March.  
In a Chinese Temple Garden.  
Melodie Arabe.  
Hungarian Dance No. 5.  
Spinning Wheel.  
Roses of the South.  
Sillicienne.  
Carnival.  
Butterflies.  
The Bronze Horse Overture.  
Vito—Spanish Dance.  
Serenade (Toselli).  
Hassan Serenade.  
Masaniello Overture.  
The Gentle Maiden.  
Shepherd's Dance (Henry VIII).  
Guitarre.  
Shepherd's Melody (Rosemunde).  
Papillon.  
Norwegian Dance.  
Valse Caprice.  
In a Persian Market.  
Carnival of Venice.  
Voices of Spring.  
Fairy Tiptoe.  
Arlequin.  
Hark, Hark the Lark.  
Valse de Concert.  
Solemn Melody.  
Radetzky March.  
My Heaven of Love.  
Amaryllis.  
Two Little Finches.

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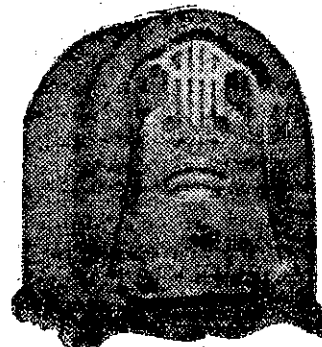
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# RADIO

## IN THE AFRICAN JUNGLE

Radio has penetrated yet another unknown sphere, and from the jungles of Africa have come the calls of the amateur operator. In this story is told how radio was employed by an expedition moving in the African interior to maintain communication with civilisation.

WHEN our company was sent to film a picture in the heart of Africa, some means of communication between headquarters and the various field units had to be maintained. Short-wave radio was selected as the means of communication, and as the expedition was necessarily limited to a small number of persons, we could not afford to take along a radio operator. I was selected, because of my interest in the amateur short-wave branch of modern science, to be the radio operator of our safari.

From the remote places visited it was one of my duties to keep in daily touch with the expedition's temporary headquarters in Nairobi, British East Africa, and in some cases with the studios at Culver City, 12,000 miles away, as well as the New York office.

When we left America our party included 20 people, and this number was augmented to 40 whites at certain stages of the safari, what with the addition of professional British hunters and guides, and additional white men, who acted as technicians in handling the necessarily elaborate motion-picture equipment, camp managers, and so on. In addition we enrolled an army of native porters for carrying goods, cooking, personal service, etc. I mention these particulars to give some idea of the elaborate formation of the safari, which was said to be the longest and largest ever organised in Africa. We carried a quarter of a million dollars in equipment to these remote places, and altogether lived a rather complicated and varied life, if primitive in some of its essentials.

In addition to my regular work, the radio required considerable time, but was nevertheless a source of much interest, as radio enthusiasts will understand.

The first consideration in selecting a radio outfit was performance, and this had to be sharply related to portability and endurance. Operating, as we were, far from a place where parts may be replaced, I had to rely on the ruggedness of the original equipment to an unusual degree.

I chose an M-1 type transmitter and receiver, which is a portable set standard with the United States Navy. It works on a frequency of 4000 to 30,000 kilocycles both for sending and receiving. The power was derived from a gas-electric generator. The entire outfit weighed 300 pounds and could be broken into packages weighing from 40 to 60 pounds for convenience in carrying.

The main object of our installation was to maintain regular schedules with Nairobi, regardless of our location. This was quite a problem, inasmuch as nearly as great difficulty is encountered in working short distances with short-wave apparatus as in trying for extreme distance. Fading, swing, and other disturbing phenomena are more prevalent at short distances than at longer ones; and during our work recourse was

had to three of the bands—14,000, 7000 and 3500 kilocycles—according to what best suited prevailing conditions. The distance from Nairobi varied from forty to approximately one thousand miles, and communication was maintained throughout the trip, regardless of weather and other adverse conditions.

The man handling the Nairobi end was Mr. Sydney Pegrum, an amateur there, VQ4CRE, who did remarkably good work on his low-powered set. Our regular schedule was kept at 16.00 GMT, with extra sessions fitted in, according to demand.

DURING the period of our safari we handled approximately 600 messages, totalling perhaps 18,000 or 20,000 words. The Nairobi connection was the first consideration throughout the trip, taking precedence over any efforts at distance or other experimental work.

However, we also made connection with amateurs in practically all parts of the world during our spare time—this being carried on, of course, along recognised amateur lines. Many interesting contacts were made with amateurs in different nations: South Africa, France, Spain, Germany, England, Belgium, Denmark, Czechoslovakia, China, Malay States, Borneo, Philippines, Russia, Mexico and the United States.

Radio is now fostered under an enlightened policy in most of the African Governments, and we were specially licensed by the Kenya, Uganda, Belgian Congo, and Tanganyika Governments to handle traffic to and from Nairobi. These Governments showed us great courtesy and co-operation. As to operation: All work was done in the wavelength bands set aside for use by amateurs. The bands used most were the 7000 kilocycle and the 14,000 kilocycle bands—or 40 and 20-metre bands respectively. The 7000 k.c. band works best for moderate distances, and during the early morning, while the 14,000 is best for extreme distance and in the evening.

The early evening and early morning proved the best hours for receiving. From about 5 p.m. to about 7 p.m. the 40-metre signals come in well from the east. From about 8 p.m. to 10 p.m. the "European gang" on 20 metres (14,000 kilocycles) came along; and from 10 at night until around 2 a.m. the United States "bunch" on 14,000 k.c. came in excellent. Then there began a fade-out until daylight, and from then until noon or so the U.S. bunch on 40 metres came in very well again. This represents about the average condition, the time given being that for the parts of Africa in which we happened to be working.

Stations on the east coast of the U.S. and those in the Philippines (Continued on page 13.)



The Tom-Tom: Radio's rival in the jungle. By means of a system of signals beaten out on these drums, natives can relay signals over hundreds of miles in an amazingly short time.



# Editorial Notes

Wellington, Friday, April 1, 1932

THE announcement that broadcasting to schools is to be resumed from 2YA on the first Tuesday in April is interesting. This service was initiated last year, but over the holiday period it was suspended. For the present only one hour a week is to be given, but the subject has such possibilities that it is believed the time will speedily come when longer time will be necessary. The experience of Australia and Britain endorses this view. In Australia, station 3AR for the second year in succession is giving a special programme consisting of half an hour each afternoon from 3 to 3.30 on various subjects. This work is under the care of a Committee on Educational Broadcasting. It was formed in 1931 by order of the Director of Education, Mr. M. P. Hansen, to act in conjunction with the Australian Broadcasting Company. The committee consists of a number of representative teachers and others engaged in educational work. In 1931 they conducted a special programme throughout three school terms, and according to an interim report submitted, valuable work was done. To secure fuller investigation it was asked that the experiment be continued throughout 1932. For the information of teachers and all interested in co-operating with this service, a special booklet is issued. This sets out that the subjects being treated are: (1) Australian Geography, with special relation to the Character of the Continent; (2) English Literature; (3) French; (4) Physical Science; and (5) History. Each of these subjects is under the care of either one or two authorities. The booklet sets out in detail the special phases of the subject that will be treated each day throughout the series, and is enriched with a specially fine selection of photographs. These cannot but be highly educative to the children listening to the broadcasts.

WHAT is being attempted is obviously modelled on what has been attained by the British Broadcasting Corporation. Very early in broadcasting its value for educational purposes was appreciated, and there was formed a Central Council for School Broadcasting, to which in 1929 the B.B.C. entirely entrusted the supervision of this branch of service. This Council embodies a large proportion of teachers, who use the broadcast lessons, and co-operates heartily with teachers, local educational authorities and training

colleges in arranging meetings and demonstrations, at which special attention is called to the important problems which arise in the use of broadcasting in schools. These problems relate, first, to the efficiency of the receiving apparatus and its suitability for school use; and, secondly, to the place that broadcast lessons take in the activities of the school. On the first point a Technical Sub-Committee has been appointed to ensure that schools seeking to take advantage of the broadcast lessons shall have the most suitable type of receiver installed. Obviously there is little use in aiming to use radio unless reception is so clear as to impose no strain upon the pupil. The extent to which the school service has grown may be gauged from the fact that no fewer than seven hours a week are now devoted by the whole of the B.B.C. stations to broadcasting lessons for schools. Thousands of schools throughout the country regularly listen-in to these services, using it as a supplement to their own educational syllabus. According to the Central Council, "There is no desire to make broadcast lessons compulsory or to suggest that they can be used to replace personal instruction by competent teachers. But after careful inquiry we are convinced that broadcasting may be brought in to furnish forms of stimulus and first-hand information such as are beyond the resources of any school." It is admitted that school broadcasting is in the stage of experiment and inquiry, and that before any valid conclusions can be drawn as to scope and methods in broadcast lessons, it will be necessary to enlist the co-operation of many teachers and to gather the experience of many schools and authorities. Efforts are afoot to collect the data and formulate and consider a policy for future conduct. In the meantime sufficient experience has been gained to enable considered advice to be given teachers for securing the best from the service. These points, embodying the common-sense of broadcast listening, are duly set out in the special booklet issued by the Central Council.

THE subjects set down for treatment in the spring term of 1932 are most interesting. They are

divided into two classes: one suitable for pupils from 10 to 12, and the other for pupils from 12 to 14 years of age. It will be interesting to record the matter covered. Miss Winifred Knox and Miss Rhoda Power give a most interesting series of talks upon Empires, Movements and Nations. Sir Walford Davies conducts probably one of the most important series in "The School Music Manual," this taking up one hour a week. Early stages in French are covered by a competent teacher. Professor Winifred Cullis gives physical instruction under the title, "Your Body Every Day." Stephen King-Hall and C. H. K. Marten give historical instruction by "Tracing History Backwards," in explaining how existing institutions have evolved. The "King's English" is dealt with by A. Lloyd James. Rural science, with the sub-headings of "The School Garden" and "The Conquest of the Soil," is treated by C. E. Hudson and Sir John Russell, the well-known director of the Rothamsted Experimental Station. Current life in Britain is dealt with by a series, "Life and Work in the British Isles," presented by James Fairgrieve and Ernest Young, while talks for older pupils present readings and dialogues in French and German, and "Unfinished Debates," by Gerald Heard are also included. Geography and Friday Afternoon Stories and Talks, not forgetting concerts and gramophone recitals to wind up the end of the week, conclude a list of subjects entrancing in its scope.

RECOGNISING that the talks in themselves would be of but little value without supplementary text-books, the B.B.C. has issued a series of penny pamphlets, which are available in bulk to schools utilising the broadcast service. These pamphlets are extraordinarily interesting. They are printed on good paper, and are illustrated with a wonderfully fine collection of high-class photographs dealing with the various subjects being discussed. History learned by this combination of visual and oral instruction cannot but be avidly enjoyed by the pupils. For instance, it is impossible for anyone to glance through the synopsis of lectures on "Empires, Movements and Nations" without getting

a clear-cut mental vision of the surging tide of peoples which has moulded history. This paragraph by Winifred Knox illustrates the point: "The importance of these talks lies, not so much in the names of tribes and battles, or in historic events and dates, as in a clear grasp of the fact that all through the Dark Ages and early Middle Ages, the people of Europe were moving, developing in new environments, and settling down in the borders which remain, to some extent, in modern history. We can only illustrate in passing the constitutional developments of Europe; our primary aim is to show the gradual emergence of nationalities and the passion for adventure which led to the great intellectual and physical discoveries of the Renaissance. The first talk deals, therefore, with the movement of the Germanic tribes upon the Empire, the second with the great religious movement of the East carried by Mohammed's cavalry over Asia and Northern Africa, in contrast with the slow campaigns of the Missionary monks in the West. The third talk shows the Northmen sweeping over Europe; in the fourth, Europe attacks and defends its own borders against the Mohammedans. Lastly we see the merchants set out on their lawful adventures; in their cities we catch a glimpse of the beauty of the Middle Ages." To illustrate the points covered, pictures of outstanding phases carry to the pupil's mind glimpses of the past, necessarily leaving a vivid impression.

EQUALLY interesting and gripping in their skilful presentation are the courses on Rural Science and Life and Work in the British Isles. Clearly the science of teaching is seeking to adapt itself wonderfully to the new means of instruction, and pupils passing through the school under this system have an immeasurable advantage over those of a generation ago. In the case of music, a marvellously complete handbook is issued, setting out the principles of instruction and words and music of songs to be covered. Altogether, perusal of the pamphlets issued by the B.B.C. and an appreciation of the course provided by them for the use of schools, shows what a wonderful force radio is for conveying instruction if adequately used and appreciated. New Zealand necessarily must exercise care in entering this field. It is plain, however, that the opportunity is presented here for effecting co-

ordination through broadcasting impossible by any other means. Radio tuition cannot displace the teacher. It can, however, supplement individual effort by making available highly expert tuition over a wider field than is possible by any other means. Our distances in the Dominion are so great that personal travel on the part of experts is impossible. Radio can bridge that distance. Radio can carry, given the necessary power in transmission, the highest class of instruction into the furthest hamlet. With the demand for economy now ruling, it is at least conceivable that radio can be used as a factor in economy; that it can supplement the teaching instruction, particularly in rural districts, without loss of efficiency. The resumption of the service now undertaken will, we hope, lead to closer co-operation between the radio service and the Education Department. That department has had much money lavished upon it in the past, and is now being called upon to economise. Possibly that economy can be achieved without loss of efficiency or any detriment to the interests of rural children if the fullest possible use is made of radio. The radio trade in the past has been fully alive to the possibilities of radio in the schools, and we have no doubt that any forward move inaugurated by the Board and the Education Department will meet with their fullest backing.

**KNOW** the time all over the world with a

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## T.C.C.

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Electrical Engineers,  
Auckland, Wellington,  
Christchurch, Dunedin.

# Inter-University Boat Race

## Successful Relay by 2YA

At about 3.20 p.m. last Saturday 2YA passed over to relay a running commentary on the inter-University eight-oared boat race, an annual event which was held this year on Wellington Harbour.

Technically the relay was of great interest, as the broadcast was actually carried out by the commentator on Mr. W. Cable's launch Kereru as she followed in the wake of the competing boats. A short-wave transmitter, owned and operated by Mr. Clive Liddell, had been installed on board, and the transmission was picked up on a short-wave receiver by Mr. E. W.

Sellens, of Northland. From there it travelled by telephone line to the 2YA studio, and thence by underground cable in the ordinary way to the broadcast transmitter on Mount Victoria. The final reception was surprisingly clear and steady.

For the information of the more technically-minded, the short-wave transmitter on the launch employed a pentode as modulator for a type 245 valve. All power was derived from batteries. The transmitter, which was crystal controlled, was of about 6 watts power, and employed about 80 per cent. modulation. A portable voice amplifier and condenser microphone completed the equipment. The aerial, which was slung between the masts of the launch, was about 60 feet long, and the launch's engine was used for an earth.

The broadcast commentary was effectively carried out by Mr. Gane,

the Victoria University rowing coach.

The day was fine, but as a gusty southerly wind had made the harbour very choppy, it was necessary to reduce the length of the race from 3 to 1½ miles so that it could be rowed over the comparatively sheltered Oriental Bay course.

A good description was given of the scene—of the yachts and launches out on the harbour for the afternoon and of the crowds of spectators, including the enthusiastic barrackers from the different universities, with their various colours.

While the three competing boats were manoeuvring into position for the start, details of the crews and the results of previous races were given. After several false starts by the Auckland boat, the gun was heard and the race commenced. The ensuing description was exciting, especially when the Canterbury boat drew away to finish several lengths ahead of Otago, with Victoria a close third.

A huge crowd had collected on the Taranaki Street Wharf to see the finish, and the winning boat was given a tremendous ovation. A band of Victoria University supporters, known as the Haeremai Club, provided listeners with an amusing interlude when they lined up before the microphone and gave one of their realistic Maori hakas. Shortly after 2YA passed back to the studio.



Mr. Clive Liddell, who operated the portable short-wave transmitter during the relay of the boat race. Mr. Liddell was one of the Wellington amateurs who rendered such valuable service during the Napier earthquake last year.

### "Wool Week" Broadcasts

"WOOL WEEK" which is to be observed throughout New Zealand will be broadcast from all stations.

### "The Valve With the

TRAIL BLAZER OF

Specially selected by  
Manufacturers because

OBTAINABLE AT ALL GOOD RADIO DEALERS.



### Life-like Tone."

THE INDUSTRY

America's Leading Set  
of their reliability.

## The Settlement

### Details Asked For

AN interesting question asked in the House last week was that submitted by Mr. P. Fraser to the Postmaster-General as to whether he would be prepared to lay on the table of the House the decision of Mr. Justice Blair as arbiter in the matter of the Government taking over the Radio Broadcasting Company's assets.

In his reply the Hon. A. Hamilton said that, although Mr. Justice Blair had given his decision as to the total sum involved and that had already been published, there were still a few points to be cleared up, and it was not expected that the final decision would be available for some time yet. He was, however, prepared to consider the tabling of the report when everything was finalised.

It is understood that the matters outstanding have a bearing upon the financial transactions between the department and the company.

## A Distinguished Vocalist

THE name of Madame Merlin appears on 2YA's programme for Monday, April 4, in a series of folk songs. This lady is the wife of Major-General Merlin, who has been entertaining listeners with a series of thrilling narratives of his experiences with the Bolsheviks of Russia and in the Russian Secret Service during the war. Madame Merlin came in for her share of excitement in those stirring days.

She is a highly-trained musician and her fine mezzo-soprano voice will be heard in several Russian and other folk songs.

**Jensen**  
SETS THE PACE!  
By every test—  
**Jensen**  
DYNAMIC SPEAKERS  
ARE SUPERIOR

**Cough?**  
**NO!**  
**Pulmonas**  
PASTILLES are INVALUABLE

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Out early in April, the 1932 "Guide" is going to be the last word in technical reference books. Suits the amateur . . . suits the professional.

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or direct, posted, 2/10.

The

Radio Record

BOX 1032 . WELLINGTON.

## Orphanage Equipped With Radio

### Successful Broadcast Appeals

The following letter has been received from Mr. Reg. Morgan ("Uncle Reg"), of 1YA:—

"At the end of December I put over station 1ZM, Manurewa, an appeal for funds to purchase a radio set for the children of the Leslie Orphanage, Remuera, Auckland. £34 was collected in approximately 10 days, a highly gratifying response. This enabled me to purchase a first-class all-electric radio set with extra speaker for this most deserving cause.

The set was installed on Christmas Eve, and the appreciation received from these poor little orphans compensated for all the worry and work involved. I am indebted to the Milne and Choyce Ltd's. Choir, and also to members of my own Radio Broadcasting Dance Band, and the persons who supplied the transport for the artists—Mr. McAlpine, Mr. Harry Williams and Mr. W. H. Hindman, not forgetting Mr. W. W. Rodgers, owner of station 1ZM.

The first Sunday night we were on the air appealing for funds, it was suggested I make a request night that anyone ringing the station desiring me to sing a request was to donate 10/-. By this method I collected £12/10/- in one night, after singing 25 songs. This unfortunately caused a little throat trouble, but it was worth it.

I would again like to express my appreciation to the many listeners who contributed to the appeal.—Yours sincerely,

REG. MORGAN ("Uncle Reg." 1YA.)

## Our Mailbag

### Quarterly Licenses.

I QUITE agree with Mr. McDonagh re quarterly licenses. I know of many in Hamilton who will be putting their sets on the shelf just because they cannot afford these times to pay 30/- in a lump sum. On March 19, 1ZM, Hamilton, broadcast dance music on relay from a local dance hall. It was very enjoyable, and I hope they continue.—DX114A (Hamilton).

### 4YA and KFI Heterodyning.

"RED BIRD" evidently misunderstood the import of my letter last week. Many listeners with good sets can tune in KFI, and they prefer this station's transmissions to those from 4YA. In Wellington the two stations can be separated, but down here they interfere badly. Could not 4YA's frequency

be shifted a trifle? Even a small change would make a vast improvement.—"Economic" (Oamaru).

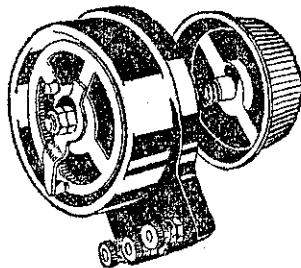
## Broadcasts for Schools

THE special hour for schools provided by arrangement with the Education Department is to be revived as from the first Tuesday in April, when the hour from 2 to 3 p.m. will be set aside by 2YA for this purpose. The syllabus will be opened by an address from the Director of Education, Mr. T. B. Strong, followed by three speeches by different experts.

A useful and entertaining syllabus has been arranged, and it is felt that the revival of the service will be appreciated by all schools able to listen.

## Sovereign Potentiometers

"SILENT IN SERVICE"



BRITISH MADE

STOCK VALUES

2,000 ohms.	100,000 ohms.
5,000 ohms.	250,000 ohms.
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## American Cartoonist Broadcasts

BROADCASTING from Sydney to his fellow citizens of the United States by means of the shortwave service of Amalgamated Wireless, Mr. R. L. Ripley, the American cartoonist, who has become famous for "Believe it or—" cartoons, said that Americans would take a lot of convincing when told that wild dogs in Australia (dingoes) do not bark, that there is an Australian fence 1189 miles long, rivers that run inland and never reach the sea, black swans, and white eagles, and the kookaburra bird, which laughs like a man, only louder.

Mr. Ripley told his audience that he was all "burned up" about the platypus, which is a fish because it lives in the water half its time, an animal because it lives also on the land, and an amphibian because it does both. It is also a "hibernian" because it buries itself in the mud and sleeps for weeks. Mr. Ripley also explained that the ornithorhynchus paradoxus, to give the platypus its full name, is a duck, a seal, a bird and a mammal.

Mr. Ripley's talk was rebroadcast throughout U.S.A. by ten of the national chain of stations and by six shortwave stations.



## Your Opportunity!

It will soon be here again, for every Depression is followed by a Revival! WILL I BE READY FOR IT? The way you answer that question will determine whether SUCCESS or FAILURE is written across your life's record.

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1822 Wakefield St., Wellington.

Six.—Please send me free prospectus giving full particulars of all branches of the profession or occupation before which I have marked X (if your subject is not on this list, write it here):—

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| —Structural Eng'r,    | —Salesman (any branch)  |
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| —Shire Engineer,      | —General Education,     |
| —Motor Engineer,      | —Language (G'phone)     |
| —Motor Mechanic,      | —Special Examinations   |
| —Electrical Engineer, | —Accountant (Inst. Ex.) |
| —Elec. Mech. Exams,   | —Matriculation,         |
| —Mechanical Engin'r,  | —Intermediate,          |
| —Mine Electrician,    | —Dental Practm,         |
| —Aeroplane Engin'r,   | —Public Service,        |
| —Aeroplane Rigger,    | —Special Women's Depl.  |
| —Textile Expt.,       | —Dressmaking,           |
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Age.....Occupation.....  
Address.....



# STATIC

by  
"SPARK"

**LICENSES** are due—Have you renewed yours? The Post Office people tell me that renewals have come in particularly well so far, in spite of the depression. These early renewals represent, of course, the old loyal brigade who wouldn't be without the radio for worlds. The question is, will the rate keep up? There is talk on all sides of "cutting out the radio." Frankly, I don't believe that. I believe that radio will increase in popularity through the depression.

**WHY?** Well, we must all have our fun. Radio is the cheapest fun and entertainment going. It thrives on hard times. Germany recently suffered a further drastic cut in wages and salaries. No country in the world probably is so poor as she is. Her suicide rate through poverty is up four times normal. Everybody is suffering in proportion. Yet the last year saw an increase of five hundred thousand licensed listeners. Investigation into this increase showed that the "cuts" had made it impossible for a wider circle to go to the cinema, the opera and the restaurant. So they came to radio.

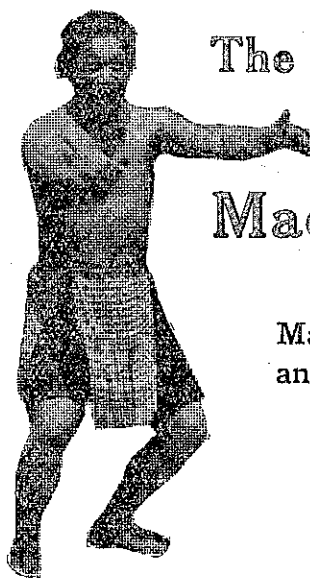
The same thing will happen here—except the suicides! Unable to go out, we will stay home more and bring the radio into the home. Many are saying that they will drop radio. They might—for a fortnight, then they will come back—and bring others with them.

**GOOD News!** Titles of dinner music once more in the programmes. This will be keenly welcomed by all music lovers.

**I HEAR** on all sides growing interest in the music lovers' competition, with its challenge to the memory and knowledge of listeners. I am sure that the interest that has been

aroused will necessitate further competition of this character later. Obviously listeners must have titles on which to hang their memories of tunes.

lishing an independent commission. A general manager at from a thousand to fifteen hundred a year will be required, and it is proposed to appoint one or two liaison officials in



## The Te Rawhiti Maori Entertainers

Will present

Maori and Hawaiian Vocal  
and Instrumental Numbers

from

2YA

On April 9

**2ZW** is to be congratulated upon securing Mr. Syd Reid to speak on behalf of Mr. Telford, who desired to express his thanks to the New Zealand public for their interest in Phar Lap. The information that the horse was still fed on New Zealand fodder would surprise most listeners. That this country grows good grass is well known through our dairy and mutton industries, but it is not generally known that our fodder is in great demand by racehorse owners abroad. First-class horses even so far afield as India are regularly fed on New Zealand fodder.

**I NOTICE** that one bright intellect suggested that Parliamentary debates should be broadcast. Mr. Forbes has refused. That is the soundest decision he has ever made.

**FOLLOWING** on strong protests the Commonwealth Government has abandoned its idea of political control of broadcasting and purposes estab-

London to skim the cream of British developments for Australia. Major Keith's name is suggested for this position.

Would it not be possible for New Zealand to co-operate in some way with such an officer in London—possibly sharing the expenses. I am satisfied that as time goes on the broadcasting authorities throughout the world will need to pull together more and more and pool their resources and experiences.

**IT** was proposed earlier that Australian A stations should be allowed to accept commercial advertising. In response to strong protests that has been dropped.

**WITH** the abolition of daylight saving and the approach of winter, listeners who habitually tune in to Australia notice a decided improvement in reception and will be able to retire earlier—without getting Chili!

**A CURIOUS** instance of the accuracy of popular rumour occurred in connection with Phar Lap's victory in Agua Caliente. The announcement was not made by either Press or radio until nearly twelve-thirty on Monday, whereas rumour was active from eleven-thirty to the effect that Phar Lap had won by five lengths. The source of this information was not given, but I am now led to understand that a skilful amateur in Gisborne secured it on shortwave.

**MR. VON HAAST'S** treatment of "Nikko and Old Japan" from 2YA was entertaining and very well done. To give a word picture of the temples of an old Oriental family and convey the spirit of feudalism is a difficult matter when dealt with by a Westerner for an Occidental audience. The speaker's reference to stork in flight reminds us that the artistic faculty was highly developed in Old Japan, and his description of the garish art, which is not art at all, was a painting that discerning listeners would appreciate. An enigma to the Occidental is the artistry of some of the Japanese representations of nature and the grotesque handicraft that stalks under the cloak of art, which holds no reflection in nature. I would like to hear Mr. von Haast again.

**I UNDERSTAND** that the W.E.A. is arranging two talks a week for each of the YA stations. This organisation does fine work and possesses some good speakers. In the past some have been heard that were, to put it mildly, not so good. It is a shame to hear good matter murdered. If good vigorous speakers are chosen this series should be welcome, and may encourage the formation of study circles amongst listen-

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BURGESS RADIO BATTERIES, All Radio Dealers.

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MULLARD VALVES . . . . All Radio Dealers.

**SUPERIOR  
TO ALL OTHERS  
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VALVES**

ers. Such circles are very popular in Britain.

A SHORTWAVE club has been successfully floated in Auckland. This follows on the lines of the Wellington club and will, I am sure, be a success.

CANTERBURY listeners will be pleased that 3ZC will be saved for them by its purchase by the New Zealand Farmers' Co-operative Association. The plan is to maintain the past musical programmes but to render a special service to farmers with market reports and other matter of special value to the farming community. Friends in Canterbury have told me that the weekly market report of stock prices at Addington has meant thousands of pounds to them and their friends. With prompt knowledge of current prices given by radio there has been no opportunity for slick city buyers to "pick up a line cheap."

I NOTICE that the "Auckland Star" drops a word of criticism in regard to broadcasting administration. In reviewing the radio season and the work of the board it says: "Two steps it has taken—a study of the problem of coverage and the plebiscite of listeners—promise well, but there is

a feeling that the Post and Telegraph Department rather than the board itself, is dictating broadcasting policy overlong. This may be unavoidable. Listeners would like to know the full position. Mr. Hands, of course, who is acting as general manager, is on loan from the Post and Telegraph Department, and it is understood will eventually go back to that department. He was lent to the board because for some six years past he has been in close touch with various angles of broadcasting and possesses a knowledge of copyright and other matters invaluable at this stage. It is difficult to see where he could be replaced at present but eventually doubtless an effort will be made to secure an independent commercial administrator.

MR. FORSYTH'S talk on Bond's hosiery (2ZW) was entertaining and instructive. The speaker traced the silk stocking industry from silk-worm culture in Japan to the article manufactured in Wellington. His description of beautiful Japan with its towering mountains and its mulberry and maple groves, gives further enchantment to a pair of silk stockings. The activities of the local factory go to show how far our country has advanced in the industrial era.

MR. GEORGE MANNING's talk on "The Economic Problems of New Zealand" (3YA) was lucid in explanation of the trade depression, but his remedy was not clear. Mr. Manning advocates the creation of credit by the banker. These institutions accept depositors' money and lend it to finance ordinary business. How credit may be created when it has already been done to the safe limit, was not explained. The bank's first concern is their own and their depositors' security, and safe banking institutions were never more necessary than they are to-day. To relieve the harassed taxpayer and the heavily burdened Government, the lecturer exhorted the alteration of regulations, which would permit of the disposal of the gold backing at an enhanced price, and left listeners with the impression that the gold holdings belong to the taxpayer and the Government. We all want a cure for our financial malady and we will look forward to hearing Mr. Manning again—provided he keeps off the soap box.

I NOTICE that radio writers are showing interest in the price to be paid to the Radio Broadcasting Company. The Christchurch "Press," for instance, says: "The purchase price fixed for the Government to

pay the late Radio Broadcasting Company is practically double what was commonly anticipated and there was probably an erroneous assumption that a second-hand figure would

## ★ ★ ★ Star Myths of the Zodiac

is the title of a series of talks being broadcast from 2YA by Mr. A. Quinnell. The next will be presented at 7.40 p.m. on April 7.

be placed upon the stations. It was evidently not thought at all likely that the company would claim as for a good going concern, as it appears has occurred. Without any details it is impossible to make further comment, but surely the listening public should be given the statements made by both sides when presenting their sides of the case.

I can't quite follow why this writer thinks the company should not have claimed as for a good going concern. It was going all right, and has now "gone"! It would certainly be of interest to all to know the valuations submitted by both sides. The Radio Broadcasting Company might easily have failed and lost its money as similar ventures did in South Africa and India. By good management it succeeded, and is entitled to compensation for the risk it took and the assets it built.

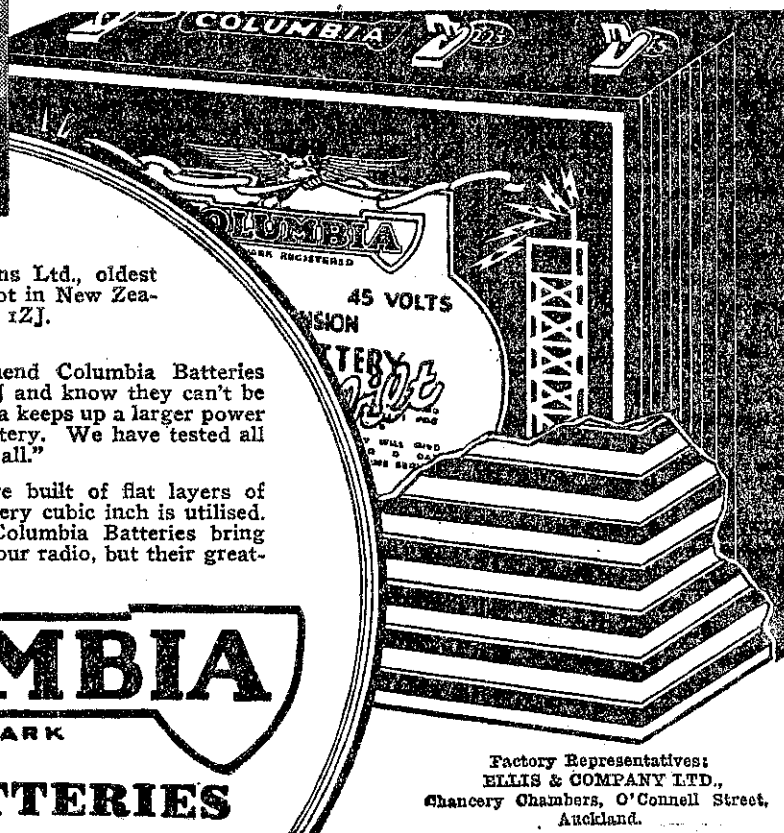
AUCKLAND gave General Higgins a fervid welcome and small-set owners in Wellington may expect to hear some stirring speeches when the General arrives in our city.

A LITTLE station in Hastings—2ZI—has been heard in New York, U.S.A. The check-up is absolutely reliable and the performance is authentic. This is much to the credit of Mr. Paul Barcham—engineer operator at 2ZI, which operates on Monday and Thursday evenings.

3DB, a station in Victoria, recently advertised for an announcer for the Ballarat station. They received over 100 applications. They included men from at least two professions and others who had held important executive positions, yet only a small percentage of them could speak English correctly. Fewer than twenty had voices that were pleasant to listen to, and not more than half a dozen pronounced the name of Rachmaninoff correctly. The position has not yet been definitely filled, and the final choice will be made after several of the most promising applicants are tested in actual work before the microphone.

That experience prompts the com-

## Vic Johns says "COLUMBIA beats them all"



Vic Johns, Director of Johns Ltd., oldest radio firm in Auckland—if not in New Zealand—and owners of Station 1ZJ.

Vic Johns says: "We recommend Columbia Batteries every time. We use them at 1ZJ and know they can't be beaten for long service. Columbia keeps up a larger power output longer than any other battery. We have tested all makes and Columbia beats them all."

Columbia Layerbilt Batteries are built of flat layers of current-producing materials. Every cubic inch is utilised. They're packed with power. Columbia Batteries bring volume, clarity and distance to your radio, but their greatest appeal is their LONG LIFE.

# COLUMBIA

TRADE MARK

## RADIO BATTERIES

Factory Representatives:  
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Chancery Chambers, O'Connell Street,  
Auckland.

ment that the inaccurate pronunciation of foreign names and titles here in New Zealand is appalling. It was worse in the earlier days, but there are still notable deficiencies. A few hours study would correct the more obvious errors and avoid those frequent jars which distress the travelled and educated listener.

WHEN I read this paragraph in "World Radio" I thought of Mr. Nimmo and station 2ZW and "what might have been":—"The visit to Brussels of the French Minister has had the indirect effect of closing the private Brussels station, Radio-Schaerbeek, Brussels. This station, since the publication of the Ministerial decree prohibiting commercial advertising by wiseless, took to violently attacking the Belgian Minister and his colleagues. Nightly, the announcer of the station criticised the I.N.R. and its directors, and on several occasions, particularly during its last few days, abuse was addressed to the Belgian Minister, M. Bovesse. The French Minister also was referred to in a rude way by Radio-Schaerbeek, which is well heard throughout the Brussels area, on the occasion of his visit to Brussels. The Belgian Government naturally could not tolerate insult being offered to the representative of an allied country by a station authorised by the Government. Consequently, the Director of Radio-Schaerbeek was ordered to cease transmitting by December 30. As he did not, seals were affixed to the equipment on the following day."

HERE is a bright idea for hard times. A mobile broadcasting station is operating in the country districts of Australia, giving a one-night programme at each stop. It works on advertising such commodities as sheep dip, plough shares, etc. The station is housed in two motor vehicles, one equipped with the transmitter and the other fitted as a studio. Two collapsible steel masts, 40 feet in height, are carried, and these are erected 120 feet apart to support the aerial. There is a petrol engine for generating power, and the programmes are provided from 400 gramophone records, which may be supplemented with local talent. The indications are that the venture will pay its way.

THE illuminating short treatise on the "Origin and Occurrence of Oils" (2ZW), given by Mr. Voco, was well worth hearing. This type of informative lecturette, especially when so ably delivered, is what broadcasting is for, and is preferred to the soughing of second-grade artists. The speaker referred to the theories held regarding the origin of oil, and stated that the organic theory had the greater support. Further, that a vegetable base appeared the more likely as vast accumulations of vegetable matter were seen even to-day, whereas it was difficult to conceive an enormous conglomerate of animal matter naturally deposited. Has Mr. Voco ever seen a frog pond that has dried up before the tadpoles assumed frog form?

I RECENTLY heard one of the series of "celebrated trials" being described from 3AR, Melbourne. A synopsis of this series shows it to be very interesting. It covers cases in which there was a reasonable doubt such as that of the Seddons, straight out murders such as those by Deeming and Landru, famous treason trials such as those of Sir Walter Raleigh and Sir Roger Casement; and describes two master criminals in Jonathan Wild and Charles Peace. Crime and criminals exercise an irresistible fascination at all times and this series it is known is attracting intense attention.

2BL recently broadcast a military tattoo. A human and humorous feature of the evening was the effort of a young man from up country to tell "Mum" in the back-blocks of his experiences in the city.

DESPITE the general depression, it appears that the Olympic Games to be held this year at Los Angeles will not suffer to the extent that may have been supposed. Plans for accommodation were laid in pre-slump days and the Americans in their usual manner made prepara-

tions on an elaborate scale. KFI, however, announces that accommodation is almost filled, and intending visitors are, in consequence, advised

their very best, and this Olympiad should stand out as the greatest yet held.

## Two Sketches

"The Art of Love"

and

"Writing a Play"

will be presented from

2YA on April 5

by

Linnie Nicholas

and

Vryn Evans

to write immediately for reservations. As remote countries are able to send only a restricted number of athletes this year, these will be of

DURBAN'S new announcer, Mr. Duncan T. Little, before emigrating to South Africa, was in the book-selling profession in London, where he gained considerable popularity in inaugurating free lectures by noted literary men. Included amongst these were G. K. Chesterton, Gilbert Frankau, Walter de la Mare, Hilaire Belloc and Sydney Dark. While working as a free lance journalist in the Transvaal Mr. Little delivered from Johannesburg station a series of lectures on "Books I Have Read" and "Authors I have Met." These had so great an appeal that Mr. Little was subsequently engaged as announcer.

GOOD-MUSIC lovers regret the progressive lightening in character of the Wednesday night programme from 2YA. On the one evening of the week when all records are used, an opportunity presented itself to give the musician at least an hour of the world's best recordings.

With all the pure unrestrained sweetness of a boy soprano, the Empire Concertone Radio reproduces the entertainment that comes to you over the air! The Set with the Singing Voice! An achievement only made possible by the invention of the remarkable Loftin White Amplifier—the latest development of Radio Science! But see this amazing set—and admire its range, volume, selectivity and flawless tone for yourself! Any Empire Radio dealer will be pleased to demonstrate.

**Empire CONCERTONE RADIO**

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## Answers to Correspondents

**DX2HB (Hastings).**—Correspondence intended for publication in the N.Z. "Radio Times" should reach our offices not later than the 20th of each month.

**DX94W (Oamaru)** and others: Your letters have been held for publication in the first issue of the "Radio Times."

**DX640C (Dunedin):** Dx notes in the "Radio Record" are now taking the maximum space that can be allotted to them. The Dxer's section in the "Radio Times" bears the title "The Radio Log." Thanks for schedules, but are times given standard or summer time?

**DX14A and 114A:** J. Sullivan, c/o Mr. Karl, Pukeroro, will find me. All Dxers welcome. Unfortunately, being an invalid, I cannot visit them.—"Digger" (Hamilton).

## Addresses Wanted

Has anyone the address of the Ekko Stamp Co., of America?—DX42W.

**DX15A (Matamata):** 3AK. Akron Broadcasting Service Ltd., 490 Elizabeth Street, Melbourne.—"Six-valve" (Christchurch).

## Identification Wanted

Station heard at 8.30 p.m. on March 19 at 2.15 a.m. Dance music was being broadcast. Following this a description of a boxing match was relayed, but at 2.30 a.m. transmission faded out. Station operated on about 625 k.c. (480m.), and call resembled KGIM.—I.Z. (Johnsonville).

During the past month I have often heard a station, at times just readable, at dial reading 1 on a nine-valve a.c. su-

# News and Views

—of the—

## DX CLUB

per-het; 1500 k.c. is at dial reading 10. A voice, speaking with a clear, drawn-out American accent is heard. Once I heard "Los Angeles police."—D.S. (Timaru).

## Stations Identified

J.M.T. (Christchurch)—5CK. Crystal Brook (South Australia).—Operates on 472 m. (635 k.c.), with a power of 15 k.w.

**DX114A (Hamilton):** The American is probably KPO on 680 k.c. (441 m.). Address: Hale Bros., "The Chronicle," San Francisco, Cal.—"Marama" (Invercargill).

**DX114A (Hamilton):** Station heard relaying 5CL on 5CK, Crystal Brook. I also have heard American below 2FC, but cannot get call.—DX1310C (Otago). "Anxious" (Sydenham): 2CO, Corowa, on 535 m. (560 k.c.). This station relays either 3LO or 3AR. DX114A: Probably KFI, Los Angeles, which has been coming in at fair strength lately. He operates on 468 m. (640 k.c.), power 50 k.w.—"Six-valve" (Christchurch).

## DX Topics

Are DX Badges Being Worn? EIGHT months have passed since the DX Club was inaugurated, and yet

in this district badges are as scarce as fortunes. According to the published list of members we have 12 in Hastings, and yet I have met only two wearing their badges.—DX2HB (Hastings).

## Replacing a Broken Aerial.

THE following suggestion may help DX14A to replace his aerial at the top of his mast without letting it down. (N.B.—The cat's assistance is not required). Attach a length of stranded wire to the insulator. Holding the other end of the wire, walk round all the guys back to the starting point. Then, assuming that the guys are well spread and not broken by insulators, by pulling and sawing, the wire will run up the guys until it is finally round the top of the mast. A second turn round may be necessary to complete the operation. The end of the wire may then be fastened to one of the

## DX Meeting in Christchurch

Christchurch takes the lead in announcing a series of monthly meeting for members of the N.Z. DX Club, to be held in the rooms of the Radio Society, Tisdall Buildings, 91 Cashel Street West. The next meeting should take place on April 9, but members are advised to watch the "R.R." for confirmation of this date. The meetings will, temporarily, be informal. DX—MC's are requested to bring along some notes on their equipment, and their monthly "log." Dxers from other centres are especially welcome, as are all members and prospective members.

The secretary, E. W. Watson, DX28MC.

[DX120.0C (Dunedin) also advises that a DX meeting for Dunedin Dxers will be held between April 4 and 8. Final date and place decided on will be announced in the "Radio Times," or, failing that, in the next issue of the "Radio Record."—Ed.]

pegs. WABC, New York, is listed as operating on 860 k.c., but the call letters have been heard recently just below 1YA's frequency on approx. 900 k.c. (333m.). Has anyone else noticed this?—G.P.K. (U. Aroha).

## WGN the Offender.

THE station that several listeners have reported as heterodyning 2YA is WGN, Chicago. The power is 25 k.w., and frequency, 720 k.c. (416.4m.)—DX12HB (Havelock North).

## S.W. on a Crystal Set.

THE following rather strange incident occurred here on March 17. While experimenting with loose couplings in a crystal set, and endeavouring to pick up the local (12II), I discovered that by accident I had tuned in on the 80-metre

band, and was getting excellent shortwave reception. I have not before heard of anyone receiving any intelligible shortwave signals on a crystal set, but I do not expect to hear that I am alone in this experience. Station broadcasting was 1BL,

## Special Test for 4ZF

## Reports Wanted from Dxers

I have arranged with station 4ZF, operated by Messrs. Laidlaw and Gray, Dunedin, for a Special Programme to be put across on April 6 (Wednesday), for one hour from 11 to 12 p.m. They would appreciate northern Dxers reporting on this programme very much as they would like to know how far north they reach. All reports will be replied to.—DX64 0C (Dunedin).

operated by Mr. J. Lunch, of Colombo Street, Frankton, and he was working either 1FB or 1BW, both of Claudelands, Hamilton. The subject of the broadcast dealt almost entirely with the technical details of their respective transmitters. All three operate on approximately 15 watts.—DX130A (Frankton).

## KMTR Signing Off Earlier.

SOME time ago I wrote to KMTR, Hollywood, thanking them for their Ekko stamp. I received a reply to-day as follows: "Your letter of January 17 just received, and we are pleased to learn that you like our station stamp. All who are able to dial us now will be very deserving of theirs, since we are now signing off at 12.30 P.S.T. in place of three, as in the past." KMOX, St. Louis, also sends a very fine Ekko stamp.—DX77W (Kapiti).

## Europeans Coming In Once More.

THE early morning stations are now beginning to come in. Nearly every morning at 6 a.m. I get ORK, 279 m. (1076 k.c.), at R4. Also others on approximately 282 m., 382 m., and another on 7ZL's wavelength, 516 m. A peculiar thing is that I can only get faint signals from the Japanese stations.—"Digger" (Hamilton).

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## Questions and Answers

**RASLOS (Christchurch):** The easiest way to write for a verification is to use the special paper made available to the DX Club. You merely have to fill in certain gaps and then post the form to the station.

2. What voltage "A" and "B" batteries would I use for the "Sparrow Hawk One"?

A.: Use two-volt valves, and then you need only use a two-volt accumulator. You need about 45 to 90 volts on the detector. The "Sparrow Hawk" will not work a loudspeaker except on the local station.

**20 (DUNEDIN):** Improvements have been made in the construction of these valves, and the new ones, although of the same number, are better than the old. If you put in a different type of valve you would have considerable trouble in adjusting the filament voltage, etc.

2. Do you want a battery or an a.c. amplifier? A battery push-pull outfit was described in the "Radio Record" a considerable time ago. This would still be the best for your requirements.

3. The voltages on the different taps of your eliminator vary considerably with the drain put on them. At about 10 mamps, at number 6 you get 150 volts, and the others are in proportion down to about 22 volts, with 4 or 5 mamps.

**H.C.F. (Auckland):** Sorry, we do not supply circuits, but we shall keep your request in mind, and possibly design a circuit for the "Radio Times."

**"JAY EYE SEE" (Christchurch):** Providing correct voltage is supplied to the valve filaments, it is not necessary to install rheostats to control the filaments of the "Super Six."

2. The negative side of the filament is earthed to the baseboard screen. Be careful with the screen round the condenser, as it is a different potential from that round the rest of the wiring.

**W.W. (Auckland):** A loosely coupled crystal set is the "Rejecta Two."

described in the "Radio Record" dated June 19, 1931.

**J.W.S. (Auckland), and "Marsite" (Te Aroha):** You require 1½ lb. of 36 enamelled or .6lb. of 38.

2. Would such a coil have the same resistance irrespective of the current flowing through?

A.: Resistance is, within limits, not affected by the amount of current flowing through it. The more the current the greater the voltage drop across the resistance. Replacement coils, we think, can be obtained from Spedding, Ltd., Auckland, who are the New Zealand agents.

**O.M. (Auckland):** It seems that there is something wrong with your potentiometer, as varying the slider should make a big difference.

2. We think the circuit of the P.C.J.J. would be better than the one you are using, as you are not getting fullest efficiency out of the first valve. You are getting greater efficiency from the longer aerial because you have no tuning arrangement, and that length is most suited to your circuit. If you put in a proper tuning arrangement you would definitely notice the difference.

**L.D.H. (Te Aroha W.):** I have made the super-het. converter described in the 1931 "Guide," and it works splendidly as far as volume of stations is concerned, but I find that the stations repeat after half the dial?

A.: This, unfortunately, is one of the difficulties facing the amateur super-het. constructor. You are getting repeaters due to the oscillator and the tuner altering their relationship, and probably because of coupling due to incomplete coupling. There is very little that you can do to overcome the difficulty.

**38NW (Westport):** I intend to erect a Beverage aerial and can get in pointing towards Christchurch only, and must slightly slope it.

A.: Yes, it will be quite satisfactory. You will probably bring in the Australians quite well. An earth connection is necessary, and is joined, as usual, to your ordinary earth terminal. We suggest you consult the 1931 "Radio Guide." We think the length of the aerial will be quite satisfactory. Your voltage divider appears to be in a hopeless condition if one half is threaded and the other half broken. We really think it would be unsatisfactory.

**J.A.M. (Dunedin):**—Your aerial appears to be constructed on lines that are technically unsound. The masts should be further back from the house, and the actual aerial should be kept away from the roof of the house by a halyard, the lead-in sloping back from the aerial to the set. A lead-in should never slope back underneath the aerial as yours is doing. Furthermore, it is running fairly close to the roof and parallel to it.

**L.F.B. (Auckland):** We do not advise you to construct the set you suggest. It would be difficult, if you do not have the honeycomb coils to fit the swinging coil holder, to make them. You could, of course, use an ordinary regenerative transformer such as described for the Browning Drake. The other components should be C2, .006 (approx.), and C3, .00025.

**G.W.R. (Auckland):**—My electrolytic "B" eliminator hums badly. How can this be reduced to a minimum?

A.: Do you mean the eliminator when connected to the set or is the noise arising from the eliminator itself? Presuming it is the first, and most likely, you will need to connect extra filter condensers across the output, say a 4 mfd. 400-500 volts test, according to voltage delivered. Generally speaking, the condenser must be tested at double the working voltage. You merely connect a condenser between B+ and B—. If you have several taps it may be necessary to connect 1 mfd. condenser between each tap and "B—."

**H.F.B. (Ellerslie):** We have the circuit you want. Send us a stamped and addressed envelope, and a shilling postal note, and we will send it to you.

**"QUERY" (Eltham):** It is not practicable to add another to a commercial receiver such as yours. You can use the 221 in the detector stage if you wish.

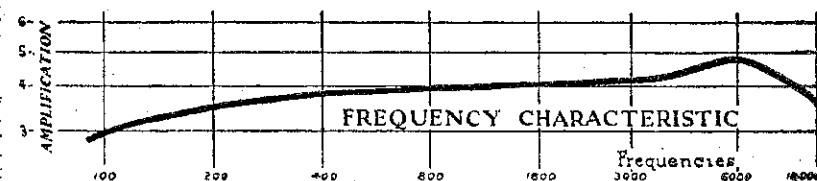
**B.B. (Central Otago):** The rated filament voltage for such a tungar bulb is two volts. It is possible, but not likely, that the filament voltage is blowing yours out. Otherwise we cannot suggest any reason. We presume that your a.c. mains are not subjected to severe voltage fluctuations?

**J.M.T. (Christchurch):** See the dx columns for your query.

**"DXER" (Dunedin):** You have not made your first question clear. What do you mean when you say the condenser won't go below 25 but tunes the circuit all right below that number?

**"CURIOUS" (Timaru):** The "Radio gram Five" is not designed for short-wave work.

**"ADAPTOR"—**It is very difficult to get an a.c. shortwave adaptor to work satisfactorily. A good one using a battery valve for balancing appeared in the 1930 "Radio Guide." An extra choke in the plate circuit of the detector valve may possibly quieten things down a little. Extra by-passing will be needed, and try a h.f. choke between the detector plate and its connection with the socket.

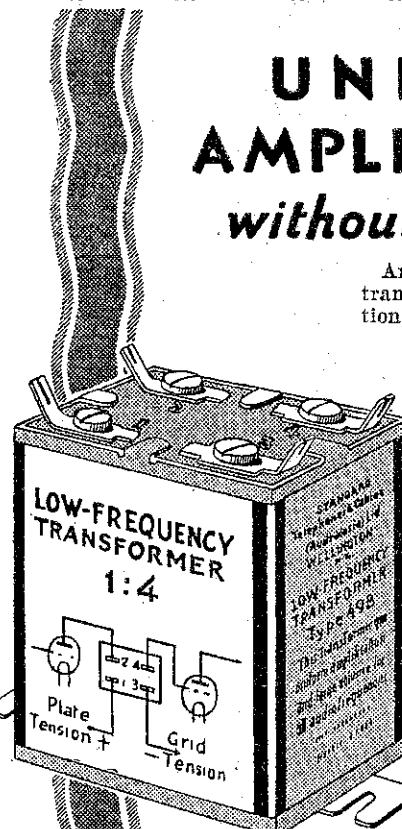


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# Programme Features

## SUNDAY

### Auckland Jottings

THE evening church service will be relayed from St. Mary's Cathedral, the preacher being the Rev. Canon William Fancourt, and the organist and choirmaster, Mr. Edgar Randall.

The after-church concert session will be devoted to a relay of the Municipal Band concert, under the conductorship of Mr. George Buckley, from the Town Hall.

### Wellington Notes

THE service from St. John's Presbyterian Church will be relayed. The Rev. J. R. Blanchard will be the preacher, with Mr. W. Lawrence Haggitt as organist and choirmaster. The broadcast of a concert to be given in St. James Theatre by the Wellington Municipal Tramways Band, under Mr. E. Franklin, will follow.

### From Christchurch

A SALVATION ARMY service will be broadcast. Ensign Neere will be preaching. The relay of 4YA's concert will follow.

### Dunedin Notes

THE Rev. L. B. Neale will be the preacher at the Methodist Central Mission on Sunday evening, when the service will be broadcast.

A programme of recordings will follow until 8.15 p.m., when the evening's studio concert will begin.

## MONDAY

### From Wellington

THE educational session takes place between 2 and 3 p.m. In the evening Mr. A. Quinnell will continue his lecturettes on "Star Myths of the Zodiac."

Recitals of folk songs will be featured on the evening programme.

Madame V. S. Merlin, the wife of Major-General Merlin, late of the Czar's Army, will be introduced to

2YA listeners. She is an accomplished vocalist, and her mezzo-soprano voice will be heard in Italian and Russian songs.

Gordon Short will play as a piano-forte solo the always popular "London-derry Air." Recordings of negro folk songs will be presented by Paul Robeson.

### From 3YA

THE W.E.A. talk will be given by Mr. J. Johnson, M.A., his subject being "Literature."

A popular programme will be contributed by the Woolston Band, Melody Trio, local vocalists, and recordings. The vocalists for the evening will be Nellie Lowe, a very popular contralto, and Rex Harrison (baritone), who will give a recital comprising four different types of songs. The Melody Instrumental Trio will be heard in love songs, waltz refrains and other bright numbers.

### Dunedin Jottings

THE fourth instalment of 4YA's Music Lovers' Competition will be broadcast at 7.35. The evening programme will be of recordings.

## TUESDAY

### Auckland Notes

THE fifth instalment of the 1YA Music Lovers' Competition will be presented at 7.35.

A recorded programme will be broadcast at 8 o'clock, while at 9 o'clock a talk on "The Ethics of Internationalism" will be given by Mrs. M. B. Soljak, well known as a lecturer.

### Wellington Jottings

A MISCELLANEOUS programme will be presented in the evening. Humour and comedy will be a feature. Len Ashton will give three numbers, while two very clever recorded artists, Elsie and Doris Waters, will be heard in "Gert and Daisy Out of Sorts" and "Hiccups," two very diverting turns. Linnie Nicholas and Vryn Evans are to present two sketches.

### Dunedin Notes

THE Dunedin Tramways Band and 4YA artists will provide the evening's programme.

## WEDNESDAY

### From Auckland

RESULTS from the Avondale Jockey Club's meeting will be broadcast during the afternoon.

The evening's programme will be given by the Auckland Orphans' Club Orchestra under the direction of Orphan Harold Baxter.

A programme of a very popular type will be presented being Orphans A. G. Fogarty, Duncan Black (bass), Alan McElwain (humour) and Victor Cater (piccolo).



MRS. G. P. R. INGLIS, L.A.B., who will present several well varied mezzo-soprano solos from 2YA on April 1.

—S. P. Andrew photo.

### Wellington Jottings

AT 4 o'clock the civic reception given to General and Mrs. Higgins, of the Salvation Army, will be relayed from the Town Hall.

At 7.35 p.m. the 2YA Music Lovers' Competition will be continued.

The recorded programme will include Richard Crooks (tenor) in two new recordings, humorous vocal numbers by George Sorlie, and instrumental selections by Fritz Kreisler, the International Novelty Quartet, Raie de Costa (pianist), and numerous selections by various orchestras. A recorded "Miniature Concert" will also be broadcast.

## Featurettes

Madame Merlin, Mezzo-Soprano

2YA, Monday.

Music, Song and Story

2YA, Thursday.

Dunedin Glee Singers

4YA, Friday.

"Cecil"

1YA, Saturday.

Maori Entertainers

2YA, Saturday.

### Christchurch Notes

THE monthly review of books will be broadcast by Mr. E. E. Wiltshire.

The evening concert will appeal to those who like a classical programme. The Christchurch Salon Orchestra, under Francis Bate, will open the programme with the overture to "An Irish Comedy," by Ansell. Mrs. A. M. Spence Clark will give a recital of poems by Alfred Noyes. In this she will be associated with Mrs. W. B. Harris, soprano.

### From Dunedin

HOUSEWIVES who are interested in making bread will find the afternoon talk from 4YA by the Home Science Extension Department of Otago University to be of much interest.

Mons. de Rose and his Salon Orchestra will present the selections "Orpheus" (Offenbach), "Daughter of the Regiment" (Donizetti), and the "Andalusia" Suite, A dramatic recital, "Claude Melnotte's Apology," will be given by Mr. A. F. O'Donoghue.

## THURSDAY

FROM 1YA, 2YA and 3YA there will be a home science talk at 3.15 p.m.

### Auckland Notes

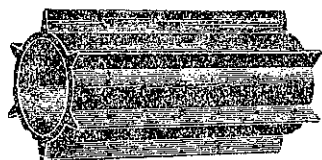
THE midday service in St. Matthew's Church will be broadcast.

At 8 o'clock a concert arranged by Station LZH, Hamilton, will be broadcast on relay.

### Wellington Jottings

AT 7.40 p.m. Mr. A. Quinnell will continue his series of lecturettes on "Star Myths of the Zodiac."

The first half of 2YA's programme is entitled "One Hour of Music, Song and Story," by "The Record Players." This will be a continuity type of entertainment into which recordings will be cleverly woven. The performers will be Mr. F. W. Barker, Will McKeon, and Joyce Woodward.



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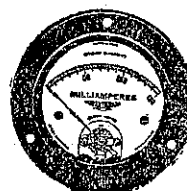
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**DRAYTON VENABLES,**

a well-known Whangarei bass-baritone, who sang from 2YA last Saturday evening.

The second half of the evening's programme will be provided by the 2YA Orchestra, Joyce Woodward (soprano), Will McKeon (humorist) and recordings.

#### From 3YA

A REVIEW of the March issue of the Journal of Agriculture will be broadcast at 7.20 p.m. At 7.35 the Music Lovers' Competition will be continued.

The evening programme, which will be of recordings, comprises orchestral selections, novelty numbers, soprano and tenor solos, humoresques, yodeling, organ, banjo, and cello solos and humorous numbers.

### FRIDAY

#### From Auckland

DURING the evening Mr. J. C. Brongham will give another of his series of talks, in which he will correct some false impressions about the French Foreign Legion.

#### Wellington Notes

AT 7.40 p.m. Mrs. A. L. Long gives her next "Bridge Talk."

There will be an hour and a half's concert programme at 2YA, followed by a dance session till 11 o'clock. The concert will feature two sketches presented by Marjorie Murray and Don Priestley.

### Christchurch Jottings

3YA's programme will be a variety one.

#### From Dunedin

MR. F. T. BADCOCK'S next cricket talk at 4YA will be on "Captaincy."

The Dunedin Glee Singers, under the conductorship of Mr. H. P. Desmoulins, will provide a programme of choral numbers.

### SATURDAY

#### From Auckland

A VARIETY programme provided by local artists and recordings has been arranged. Barry Ingall's Hawaiians will contribute Hawaiian melodies.

The Little Theatre Society will present a one-act play, "Cecil," by Dr. George de Clive Lowe.

#### Wellington Notes

A party of Maoris, known as the Te Rawhiti Maori Entertainers will appear on the evening programme, giving instrumental and vocal numbers. This will be the initial radio performance by these entertainers, who are all accomplished artists.

#### From 3 and 4YA

THE vocal portion of the musical programme at 4YA (and relayed to 3YA) will consist mainly of popular choruses sung by the Regal Four. The Bellbird Hawaiian Trio will also

### A Programme Innovation

AS is well known, broadcasting programmes have to be made up several weeks in advance, but an innovation departing from this practice is to be introduced in regard to recordings. At each station, half an hour a week is to be set aside for a selection of the latest records. The selection will be restricted to light and bright numbers. This half hour of broadcast entertainment will be the reverse of depressing, and is certain to be keenly looked forward to every week.

play popular airs, while the Radiettes will introduce humour in patter, song and dance. Miss B. Rawlinson, contralto, will sing the Maori slumber song "Hine e Hine."

### Radio in the Jungle.

(Continued from page 3)

came in best, considering distance. Some of the east coast stations, both on 20 and 40 metres, were extremely reliable. The Philippine bunch was as regular as clockwork each evening, although static sometimes got too bad to read them.

There was considerable heat lightning in Africa, and also a frequency of thunder showers in a land where clouds are always present along the rim of the sky. There are also frequent atmospheric disturbances due to the great changes in temperature from day to night. Lightning always causes interference, my experience showing that this is more the case on the 40-metre band than the 20, and most of all on the 80. As a rule, the higher the wavelength, the greater the interference from lightning.

"Blind spots" were also occasionally encountered. A possible explanation of this is the presence of great bodies of metallic ore. At times this condition gave considerable difficulty in keeping up the average work. Conditions in different parts of the country vary to a great extent, both in reception and transmission, and it was difficult to maintain any sort of standard when shifting about from place to place.

My confidence in our "outfit" was justified by events, as there was remarkably little technical trouble under the conditions encountered, and deterioration was slight. My most serious single difficulty, and one that threatened to put the radio out of commission and thus leave the expedition considerably handicapped, was the failure of the generator while we were on the Victoria Nile, near the Nile's source and quite remote from other means of communication.

Following a period of overheating, the generator was overhauled, and upon being reassembled the output dropped to about two-thirds normal.

Fortunately, the equipment for producing lights in the jungle, operating our electric refrigerating plant and other equipment, is extensive. I was enabled to commandeer a new generator of a different type which arrived "on location" at this time, having come by native dug-out canoe and cross-country portage. This new generator was adapted to run from our Kohler lighting plant. Since then, the gasoline motor rig has been used only when away from the Kohler plant, or in emergencies.

The greatest items of deterioration were the dry batteries used in the receiver, which had to be replaced, usually, one a month. In fact, that is about the only item of deterioration about the set. The storage batteries lasted well indeed, and I could see no change in any of them during the ten months of use.

The spares I carried consisted of two transmitting valves, six receiving valves, several insulators, and a quantity of wire for antennas, transmitting grid leaks, transmitting grid and blocking condensers, two receiving grid leaks, and earphones and earphone plugs.

The chief mechanical difficulty I encountered was with the gasoline engine. It required a good deal of attention, particularly if the gasoline was not of the best quality, which, of

course, was often the case. Gasoline was carried in great quantity with the expedition—we had a lighting generator which alone consumed 12 to 15 gallons an hour when in use.

Damp weather occasioned a certain amount of trouble with the receiver, giving rise to noise through corrosion. This was easily remedied by drying and cleaning.

There was no trouble with the transmitter, with the exception of grid leaks—a rather unusual condition, but a troublesome one, probably due to humidity.

My greatest physical difficulty when reaching a new location was the erection of the antenna. One of my native assistants, whom I named "Grid Leak," had become quite expert at getting the wires clear of trees and brush. The aerial problem was of but little moment when considering only the Nairobi schedule, as I usually had power to spare from almost any sort of a set-up—but when attempting DX work, the location of the antenna was of extreme importance.

Since necessity is the mother of invention, I worked out one improvement in the Zeppelin type of antenna which may be of interest to others who have to consider portability and save time as well. The improvement consisted of a set of detachable feeders!

The Zeppelin type of antenna proved to be about the most satisfactory for general use. The mast furnished with the set is perhaps more convenient, but not as efficient, so a "Zepp" was made up in a permanent form, and an arrangement made whereby it could be readily reeled up for portability. For the benefit of the general reader, the Zepp rig consists of a length of wire suspended (usually horizontally), called the radiator or "sky wire." This is coupled to the set by a pair of wires known as "feeders." One wire of this set is fastened to one end of the radiator; the other wire parallels it, but is not connected to anything at the top, simply being fastened to an insulator. It is quite necessary to the operation of the Zepp that these two wires be held parallel to each other and at a non-variable distance of a few inches apart—any swinging or changing of their relative positions acts to the detriment of the antenna. In ordinary cases of set installation the feeders are run down from the radiator to the set and fastened permanently, being spaced by insulating strips, every three feet or so, along the length.

[Owing to heavy pressure on space, we have been compelled to withhold the remainder of this article from publication until next week.—Ed.]

## ILLUSTRATE Your Goods and SELL Them

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# Programmes for Week ending April 10

## SUNDAY . . . [April 3]

### 1YA (875 Kc.)—SUN., APRIL 3.

2.0—Chimes. Selected recordings and literary selection.

6.0—Children's song service, conducted by Uncle Leo.

6.55—Relay of service from St. Mary's Cathedral. Preacher, The Rev. Canon W. Fancourt. Organist and Choirmaster, Mr. Edgar Randall.

8.30—Relay of Municipal Band Concert from Albert Park. March—The Band, "Old Panama" (Alford). Overture—The Band, "Rosamunde" (Schubert). Cornet Duet—Messrs. F. Bowes and J. Davies, "The Nightingale and Thrush" (Kling). Selection—The Band, "Ballad Memories" (Baynes). Piccolo—Mr. Hal. C. McLennan, "Through the Air" (Damm). Selection—The Band, "Yeomen of the Guard" (Sullivan). Oriental Entr'acte—The Band, "The Dervish" (Marsden). Selection—The Band, "Das Rheingold" (Wagner). Descriptive Selection—The Band, "A Motor Ride" (Bldgood). Hymn—The Band, "Anzac" (Gordon). March—The Band, "The Snappers" (Haywood). Recordings.

10.0—Close down.

### 2YA (720 Kc.)—SUN., APRIL 3.

2.0—Selected recordings.

6.0—Children's song service, conducted by Uncle George, assisted by the children's choir from St. Andrew's Presbyterian Church.

7.0—Relay of evening service from St. John's Presbyterian Church. Preacher, Rev. J. R. Blanchard. Organist and Choirmaster, Mr. W. Lawrence Haggitt, F.T.C.L., L.A.B.

8.15 (approx.)—Relay of Band Concert by the Wellington Municipal Tramways Band from St. James Theatre. (Conductor, Mr. E. Franklin.) Close down.

### 3YA (980 Kc.)—SUN., APRIL 3.

2.0—Gramophone recital.

5.30—Children's song service by Salvation Army Sunday School children.

6.15—Selected recordings.

7.0—Relay of evening meeting from the Salvation Army Citadel, Victoria Square, Ensign Neeve (Conductor).

8.15—Relay of programme from 4YA, Dunedin.

10.0—Close down.

### 4YA (650 Kc.)—SUNDAY, APRIL 3.

2.0—Selected recordings.

5.30—Children's song service, conducted by Big Brother Bill.

6.15—Selected recordings.

6.30—Relay of evening service from Methodist Central Mission. Preacher: Rev. L. B. Neale. Choirmaster: Mr. Mortley Peake. Organist: Mr. Frank Cawley.

7.45—Selected recordings.

8.15—Record—Band of H.M. Coldstream Guards, "Les Cloches de Corneville" (Planquette).

8.22—Vocal quintet—Misses Noni Davidson, Sybil Baker, Anne White, Helen Roy, and Messrs. John T. Leech, and L. Harrison Stubbs, (a) "West Country Lad" (German); (b) "When Evening's Twilight" (Hatton).

8.30—Selection—Signor Squarise's String Orchestra, (a) "Romanesca"

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(Leoncavallo); (b) "Love's Dream After the Ball" (Czibulka).

8.40—Mezzo-contralto—Miss Helen Roy, "Go Down to Kew in Lilac Time" (Deis).

8.43—Record—Grand Opera Company, "Tales of Hoffmann" (Offenbach).

8.47—Selections—The String Orchestra, (a) "Andante Cantabile" (Tschalkowsky); (b) "Moonlight Music" (Loporte).

8.57—Duet—Misses Anne White and Helen E. Roy, "When the Wind Blows in From the Sea" (Smart).

9.0—Weather report and station notices.

9.2—Percy Pitt and Symphony Orchestra, "Raymond" (Thomas).

9.10—Song cycle—The Vocal Quintette, "A Lover in Damascus" (Woodforde-Finden).

9.25—Selections—The String Orchestra, (a) "Elegia's Melodies" (Grieg); (1) "Herzstunden"; (2) "Letzter Fruhing." (b) "Heart and Heart" (Pizzicato) (Latann).

9.34—Duet—Mr. John T. Leech and Miss Helen E. Roy, "The Singing Lesson" (Squire). Vocal Quintet—The Vocal Quintette, "Here's a Paradox for Lovers" (German).

9.41—Record—Piano—Frederic Lamond, "Etude de Concert" (Liszt).

9.44—Soprano—Miss Anne White, "Absence" (Berlioz).

9.47—Selections—The String Orchestra, (a) "Barcarolle Italienne" (Czibulka); (b) "Mandolinen Serenade" (Ellenberg).

9.54—Vocal Quartets—The Vocal Quintette, (a) "Revel of the Leaves" (Pinsuti); (b) "The Silent Tide" (Beazle).

9.59—Record—Sousa's Band, "Golden Jubilee" (Sousa).

10.2—Close down.

### 2YB (1230 Kc.)—SUN., APRIL 3.

7.30 to 8.15—Church relay.

8.15 to 10.0—Studio concert.

## MONDAY . . . [April 4]

### 1YA (875 Kc.)—MON., APRIL 4.

Silent Day.

### 2YA (720 Kc.)—MONDAY, APRIL 4.

10.0—Chimes—Selected recordings.

11.12—Lecturette, "Cooking."

11.37—Lecturette, "Health Hints or First Aid."

12.0—Lunch music.

2.0—Selected recordings.

3.30 and 4.30—Sports results.

4.55—Close down.

5.0—Children's Hour, conducted by Uncle Jeff.

6.0—Dinner music—London Theatre Orchestra, "A Country Girl Selection" (Monckton). Organ—G. T. Pattman, "Cinderella—Waltz" (Pattman). Band of H.M. Grenadier Guards, "Ivanhoe" selection (Sullivan, arr. Godfrey). J. H. Squire Celeste Octet, "The Piccaninies' Picnic" (Squire). Ketelbey's Concert Orchestra, "Wedgewood Blue" (Ketelbey).

6.25—Orchestra de la Societe des Concerts due Conservatoire, Paris, "Le Rouet D'Omphale" (Saint Saens). Organ—G. T. Pattman, "Alice, Where Art Thou?" (Traditional). London Theatre Orchestra, "Maid of the Mountains" Selection (Fraser-Simson).

6.44—J. H. Squire Celeste Octet, "Twilight on the Waters" (Squire). Ketelbey's Concert Orchestra, "The Clock and the Dresden Figures" (Ketelbey).

6.51—Regal Cinema Orchestra, "Show of Shows" Selection.

7.0—News and reports.

7.40—Lecturette—Mr. A. Quinell, "Star Myths of the Zodiac."

8.0—Chimes—Recording—Symphonie Orchestra, "Hear You Again Medley" (Weninger).

8.9—Soprano with Orchestra—Mrs. Amy Woodward: (a) "Invitation" (Owen); (b) "The Garden Wakes" (Phillips).

8.15—"Musical Portrait" Series—"Folk Music"—Mezzo-soprano—Madame V. S. Merlin. Piano—Mr. Gordon Short, Piano, "Handkerchief Dance" (Grainger). Mezzo-soprano, (a) "Blue Eyes" (Denza); (b) "The Little Calf" (Gretchaninoff); (c) "If Roses are Faded" (Buzza). Piano, "Londonderry Air", arr. Grainger).

8.36—Selection—2YA Orchestra, (Conductor, Signor A. P. Truda), "The Pearl Fishers" (Bizet-Tavan).

8.46—Recording (Bass)—Paul Robeson, "American Plantation Songs."

8.54—Tenor—Mr. Ray Trewern, (a) "Your Tiny Hand is Frozen" (Puccini); (b) "Amor ti vieta" (Giordano).

9.0—Weather report and station notices.

9.2—Surprise item.

9.17—Soprano—Mrs. Amy Woodward: (a) "Who Knows" (Stickles); (b) "Beyond the Hills of Time" (El-Hott).

9.23—Selection—2YA Orchestra, "Tosti Popular Songs" (arr. Godfrey).

9.33—Tenor—Mr. Ray Trewern: (a) "Mattinata" (Leoncavallo); (b) with Orchestra, "Lolita" (Buzzi-Peccia).

9.39—Recording—Band of the Royal Air Force, (a) "The Wedding of the Rose" (Jessel); (b) "The Boy and the Birds" (Hagen).

9.45—Mezzo-soprano—Madame V. S. Merlin: (a) "Si tu le Voulais" (Tosti); (b) "The Maiden's Wish" (Chopin).

9.51—Instrumental—2YA Orchestra, "Barcarola" (Verdi); "Guardmont Patrol" (Ellenberg).

10.0—Dance programme.

11.0—Close down.

### 3YA (980 Kc.)—MONDAY, APRIL 4.

3.0—Gramophone recital.

4.30—Sports results and close down.

5.0—Children's hour, conducted by Cousin Margot.

6.0—Dinner music. The Classic Symphony Orchestra, "Raymond Overture" (Thomas). Bohemian Orchestra, "Destiny Waltz" (Baynes). Heerman Trio, "Pierrette" (Chaminade).

B.B.C. Wireless Symphony Orchestra, "Il Trovatore—Selection" (Verdi).

6.19—J. H. Squire's Celeste Octet, "Memories of Devon" Valse (Evans). Peter Biljos Balalaika Orchestra, "The Wide Dniپر" (Ukrainian Medley).

Classic Symphony Orchestra, "Classic Memories" (arr. Ewing). Bohemian



## "One Hour of Music, Song and Story"

is the title of an entertainment to be presented from 2YA on April 7

by

## "The Record Players"



Orchestra, "Love and Life in Vienna" (Komzak, arr. Renard).

6.35—Heerman Trio, "Dalvisa" (Sandby). B.B.C. Wireless Symphony Orchestra, "La Boutique Fantastique—Selection" (Respighi, arr. Carr). J. H. Squire Celeste Octet, "Collette—Valse" (Fraser-Simson). Peter Biljos Balalaika Orchestra, "Blowing Winds" (Ukrainian Medley).

6.52—B.B.C. Wireless Symphony Orchestra, "H.M.S. Pinafore" Selection (Sullivan).

7.0—News and reports.

7.30—Workers Educational Association session. Mr. J. Johnson M.A. "Literature."

8.0—Chimes. March—Woolston Band (Conductor R. J. Estall), "B.B. and C.F." (Ord Hume).

8.4—Recording—London Male Voice Octette, "Studies in Invitation" (arr. Hughes).

8.8—Contralto—Miss Nellie Lowe (a) "Mifanwy" (Weatherley); (b) "When Your'e Away" (Sanderson).

8.13—Selection—Band, "Hamlet" (Thomas).

8.23—Recording—Tenor—Hubert Eisdell, "Go Lovely Rose" (Quilter).

8.26—Instrumental—The Melody Trio, "Selection of Irving Berlin's Waltzes" (Berlin).

8.33—Recording—Humour—Clarkson Rose, "Better Than Nothing at All" (Rose).

8.36—Cornet—Bandsman R. Ohlson, "I Need You So" (Goehl). Waltz—Band, "Wine, Woman and Song" (Strauss).

8.47—Baritone—Rex Harrison, (a) "I am a Friar of Orders Gray" (Reeve); (b) "The Wolf" (Shield); (c) "How's My Boy" (Homer); (d) "Rolling Down to Rio" (German).

8.58—Recording—Light Opera, "The Gondoliers" (Sullivan).

9.2—Weather forecast and station notices.

9.4—Instrumental—The Melody Trio, (a) "Wiegenlied" (Hauser); (b) "Two Melodies" (Nutting).

9.11—Recording—Tenor—Alfred O'Shea "Love Here Is My Heart" (Silesu).

9.14—Cornet—Bandsman R. Simpson, "Zelda" (Code).

9.21—Contralto—Miss Nellie Lowe, (a) "Roll on Thou Mighty Sea" (Moir); (b) "One Little Hour" (Sharp).

9.26—Recording—Humour—Harry Lauder, "The Message Boy" (Lauder).

9.29—Overture—Band, "Ruy Blas" (Mendelssohn).

9.39—Recording—Baritone—Ricard Bonelli, "Love Was With Me Yesterday" (Hanson).

9.42—Instrumental—Melody Trio, (a) "Mignonette" (Frml); (b) "Dream of Love" (Liszt).

9.53—Recording—London Male Voice Octet, "The Keys of Heaven" (arr. Button).

9.56—March—Band, "Song of the Guards" (Ord Hume).

10.1—Close down.

4YA (650 Kc.)—MON., APRIL 4.

3.0—Selected recordings.

4.30—Sports results and close down.

5.0—Children's Hour, conducted by Uncle Jack.

6.0—Dinner music. New Queen's Hall Light Orchestra, "The Little Minister—Overture" (Mackenzie). J. H. Squire's Celeste Octet, "Serenade" (Titl). Symphony Orchestra, "Doctrinen" (Strauss). H.M. Grenadier Guards Band, "Martial Moments—March Medley" (arr. Winter).

6.24—Plaza Theatre Orchestra, "The Three Bears" (Coates). "The Busy Bee" (Bendix). "My Lady Dainty" (Hesse). Herman Finck and His Orchestra, "Old and New-Potpouri of Popular Melodies" (arr. Finck).

6.49—J. H. Squire's Celeste Octet, "La Serenata" (Braga). Symphony Orchestra, "When the Lemons Bloom" (Strauss).

7.0—News and Reports.

7.35—Music Lovers' Competition, Series 4.

8.0—Chimes. Programme of Recordings. Selection, Band of H.M. Coldstream Guards, "Martha" (Plotow).

8.8—Contralto, Maria Olczewska, (a) "None But the Weary Heart" (Tschai-kowsky); (b) "Dedication" (Schumann).

8.13—Waltzes, Ferdy Kauffman and His Orchestra, (a) "Danube Waves" (Ivanovici); (b) "Danube Legends" (Fueik).

8.21—Piano, Ignaz Friedman, (a) "The Butterfly" (Chopin); (b) "Study on the Black Keys" (Chopin); (c) "Mazurka, Op. 7" (Chopin).

8.27—Choruses, Light Opera Company, (a) "The Arcadians" (Monckton); (b) Veronique" (Messager).

8.34—Selection, Debroy Somers Band, (a) "Russian Fantasy" (arr. Lange); (b) "Petticoat Lane" (arr. Parry).

8.41—Xylophone, Rudy Starita, (a) "Dance of the Raindrops" (Evans); (b) "The Punch and Judy Show" (Black).

8.46—Tenor—Richard Tauber (a) "Paganini" (Lehar); (b) "I Kiss Your Hand, Madame" (Rotter).

8.53—Selections—De Groot and His Orchestra, (a) "Louise" (Charpentier); (b) "Samson and Delilah" (Saint-Saens).

9.0—Weather report and station notices.

9.2—Selections, Royal Opera Orchestra, (a) "Hungarian Dance in F sharp minor" (Brahms); (b) "Sleeping Beauty" (Tchaikowsky).

9.9—Chorus—Light Opera Male Chorus, "Songs of Good Cheer" (arr. Byng).

9.17—Waltzes—Charles Ancliffe and His Orchestra, (a) "Thrills" (Ancliffe); (b) "Nights of Gladness" (Ancliffe).

9.23—Soprano—Dusolina Giannini, (a) "Just a-Wearyin' for You" (Jacobs-Bond); (b) "I Love You Truly" (Jacobs-Bond).

9.30—Suite—Grand Symphony Orchestra, "Suite Orientale" (Popy).

9.42—Chorus—Chorus and Orchestra of State Opera House, Berlin, "Benediction of the Poignards" (Beyerbeer).

9.49—Violin—Yelli d'Aranyi, (a) "Passepied" (Delibes); (b) "Tango" (Albeniz).

9.54—Marches—United States Army Band, (a) "American Spirit"

(Starke); (b) "Army and Navy" (Buglione).

10.0—Close down.

2YB (1230 Kc.)—MON., APRIL 4.

7.30 to 8.0—News and Information.

8.0 to 10.0—Studio concert.

## TUESDAY . . [April 5]

1YA (875 Kc.)—TUES., APRIL 5.

3.0—Selected recordings and literary selection.

4.30—Sports results.

5.0—Children's hour, conducted by Uncle Dave.

6.0—Dinner music. Minneapolis Symphony Orchestra, "March Militaire" (Schubert). A. and P. Gipsies Orchestra, "Simple Confession" (Thome); "Herbertiana" (Stone). Brunswick Concert Orchestra, "A Thousand Kisses Waltz" (Joyce).

6.13—Anglo-Persians' Orchestra, "My Little Persian Rose" (Friedland). Minneapolis Symphony Orchestra, "Coppelia Ballet—Prelude and Mazurka" (Delibes). Dajos Bela Orchestra, "Delirien—Waltz" (Strauss). Minneapolis Symphony Orchestra, "Prelude to Khowantchina" (Rimsky-Korsakov).

6.29—Grand Symphony Orchestra, "Dance of the Waves" (Catalani). A. and P. Gipsies Orchestra, "The Far Away Bells" (Gordon). A. and P. Gipsies Orchestra, (a) "White Acacia"; (b) "Petite Causerie" (Stone).

6.43—Brunswick Salon Orchestra, "Love Everlasting" Waltz (Frml); "Little Grey Home in the West" (Lohr). Minneapolis Symphony Orchestra, "Dernier Sommeil de la Vierge" (The Virgin's Last Sleep) (Massenet).

6.53—Dajos Bela Orchestra, "Count of Luxembourg Waltz" (Lehar).

7.0—News and market reports.

7.35—Music-lovers' competition (Fifth Series).

8.0—Overture—The Orchestra of the Berlin State Opera House, "I Seraglio" (Mozart).

8.9—Violin—Tossy Spiwakowsky, "Hungarian Dance, No. 1, in G Minor" (Brahms, arr. Joachim).

8.13—Vocal Gems—Light Opera Company, "Florodora" (Stuart).

8.21—Selection—J. H. Squire Celeste Octet, "Peter Pan" (Crook).

8.29—Contralto—Essie Ackland, (a) "Call'er Herrin" (Trdtl); (b) "Five Little Piccanninies" (Anthony).

8.35—Hawaiian—Roy Smeck and His Vita Trio, (a) "Drowsy Waters" (Wailana); (b) "My Isle of Golden Dreams."

8.41—Selection—Band of H.M. Grenadier Guards, "Ivanhoe" (Sullivan, arr. Godfrey).

8.49—Tenor—Richard Crooks, (a) "You are My Heart's Delight" (Lehar); (b) "Just Two Hearts and a Waltz Dream" (Stolz).

8.55—Novelty—The London Novelty Orchestra, (a) "The Brooklyn Cake Walk" (Thurban); (b) "Happy Darkies" (Godfrey).

9.1—Evening weather forecast and announcements.

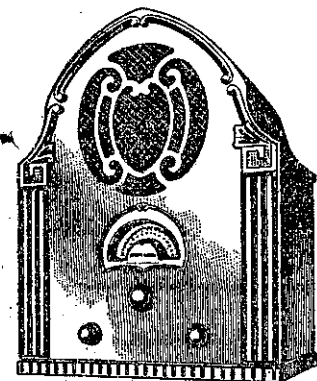
9.2—Talk—Mrs. M. B. Soljak, "The Ethics of Internationalism."

9.17—Suite—Grand Symphony Orchestra, "Suite Orientale" (Popy).

9.32—Bass-Baritone—Peter, Dawson, (a) "Cheery Souls" (Burke); (b) "The Song of the Kettle" (Anthony).

9.38—Piano—Karol Szreter, "Dans Macabre" (Saint-Saens).

9.46—Soprano—Jessica Dragonetta, (a) "When You're Away" (Herbert); (b) "Lullaby" (Jakobowski).



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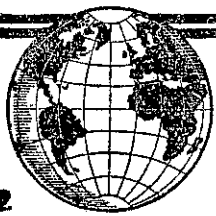
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9.52—Medley—Jack Hylton and His Orchestra, "Songs of the Officers' Mess."  
 9.56—Sketch—Jimmy O'Dea and Harry O'Donovan, "The Waiter"  
 9.59—March—Massed Military Bands (O'Donovan).  
 —"Radetzky" (Strauss).  
 10.2—Close down.

### 2YA (720 Kc.)—TUES., APRIL 5.

10.0—Chimes Selected recordings.  
 11.12—Lecturette "Fabrics and Fashions."  
 12.0—Lunch music.  
 2.0—Educational session.  
 3.0—Selected recordings.  
 3.30 and 4.30—Sports results.  
 4.55—Close down.  
 5.0—Children's hour, conducted by Junbo.

6.0—Dinner music. The Paul Godwin Orchestra, "Egyptian March" (Strauss); "The Girl of the Black Forest" (Jessell). The Paul Godwin Quintet, "Chant D'Amour" (Drdla).  
 6.15—The Paul Godwin Orchestra, "Serenata" (Clement); "The Jolly Robbers—Overture" (Suppe). Marek Weber and His Orchestra, "Lettre A Armand" (Haagman).  
 6.29—The Paul Godwin Orchestra, "The Divorced Lady—Medley" (Fall). "Spring's Awakening" (Bach); "The Czarewitsch" (Lehar); "Types Tziganes" (Clement).  
 6.54—The Paul Godwin Quintet, "Vision" (Drdla).  
 7.0—News and reports.  
 7.40—Lecturette — Representative, Agricultural Department, "For the Man on the Land."  
 8.0—Chimes. Recording—Band of H.M. Grenadier Guards, new Sullivan "Selection" (arr. Godfrey).  
 8.8—Mezzo-soprano — Miss A. V. Lambourne, (a) "Who is Sylvia?" (Schubert); (b) "The Road to the Isles" (Kennedy-Fraser).  
 8.14—Overture — Salon Orchestra, (Conductor, Mr. M. T. Dixon), "Martha" (Flotow).  
 8.24—Sketch—Miss Linnie Nicholas and Mr. Vryn Evans, "The Art of Love" (Knowbs).  
 8.34—Recording—Sybil (a) "Some Other Bird" (Whistling); "Fagan Whistled That Tune" (Schafer); (b) "Honeymoon Waltz" (Arden and Sherwood).  
 8.40—Humour—Mr. Len Ashton (a) "A Music Hall Sketch" (William); (b) "Like the Big Pots Do" (Handley).  
 8.46—Suite—Salon Orchestra, "Mozartiana Suite" (Tschalkowsky); "Trot de Cavalerie" (Rubinstein).  
 9.0—Weather report and station notices.  
 9.2—Recording—"Columbia on Parade."  
 9.10—Sketch—Miss Linnie Nicholas and Mr. Vryn Evans, "Writing a Play."  
 9.18—Waltzes — Salon Orchestra, "Deillah" (Nicholls); "Waltz" (Moszkowski).  
 9.28—Mezzo-soprano — Miss A. V. Lambourne, (a) "I Heard You Singing" (Coates); (b) "The Star" (Rogers).  
 9.34—Recording—Elsie and Doris Waters, (a) "Gert and Daisy Out of Sorts" (Waters); (b) "Hiccups" (Waters).  
 9.40—Humour—Mr. Len Ashton, "In the Very Early Prehistoric Days" (Bishop).  
 9.46—Recording—Dajos Bela and His Balalaika Orchestra, "Around the Volga" (Borchert).

9.52—Instrumental—Salon Orchestra, Latest Dance Novelties.

10.0—Close down.

### 3YA (980 Kc.)—TUES., APRIL 5.

Silent Day.

### 4YA (650 Kc.)—TUES., APRIL 5.

3.0—Selected recordings.  
 4.30—Sports results and close down.  
 5.0—Children's hour, conducted by Wendy and Aunt Leonore.  
 6.0—Dinner music. Grand Symphony Orchestra, "Zampa Overture" (Herold). Dajos Bela Orchestra, "You and You" waltz (Strauss). Edith Lorand Orchestra, "Whispering of the Flowers" (Von Blon).  
 6.16—Dajos Bela Orchestra, "Traumideale," "Dream Ideal" (Fueck). Edith Lorand Orchestra, "Winter



Duncan Black

Who is appearing as bass soloist on the concert programme to be given by the Auckland Orphans' Club Orchestra on April 6  
 —S. P. Andrew, photo.

Storms," waltz (Fueck). The Victor Olaf Salon Orchestra, "The Merchant of Venice," "Incidental Music" (Rosse), (a) "Prelude No. 1," (b) "Intermezzo, Portia," and "Oriental March." "The Merchant of Venice" "Incidental Music," (a) "Prelude No. 2," (b) "Doge's March."

6.39—Edith Lorand Orchestra, "Johann Strauss Fantasia" (Strauss). Berlin State Opera House Orchestra, "From Foreign Parts," "Italy" and "Germany" (Moszkowski).  
 6.54—Dajos Bela Orchestra, "Gipsy Love" waltz (Lehar).  
 7.0—News and reports.  
 8.0—Chimes. Programme by the Dunedin Tramways Band and 4YA artists. Conductor, Charles T. Morgan. March, The band, "The Moa" (Bulch). Waltz, The band, "Luna" (Lincke).  
 8.12—Contralto, Miss Irene Hornblow, L.R.A.M., (a) "The Walnut Tree" (Schumann), (b) "Sweet and Low" (Wallace).  
 8.18—Recording, Hanapai Hawaiian Trio, (a) "Sweet Kalua Lady" (Ball), (b) "Lei Lani" (Heagney).

8.23—Tenor, Signor Giovanni Stella, (a) "Elegie" (Massenet), (b) "Open Thy Blue Eyes" (Massenet).  
 8.33—Selection, The Band, "Recollections of Wallace" (arr. Rimmer).  
 8.43—Soprano, Miss Doreen Sheehy, (a) "Golden Slumber Kiss Your Eyes" (traditional), (b) "Dawn" (Curran).  
 8.49—Trio, The Reggiardo, Briasco, Palmer Trio, (a) "Hammock Song" (Billott), (b) "Chaloupee" (Martin).  
 9.0—Weather report and station notices.  
 9.2—Recording—Marek Weber and his orchestra, "From Mozart's Treasure Store" (Urbach).  
 9.9—Tenor—Signor Giovanni Stella, (a) "Ideale" (Tosti); (b) "Tormento".  
 9.19—Selections—The Band, (a) "The Warblers' Serenade" (McKenzie); (b) "I've Got a Feeling" (Nicholls).  
 9.24—Contralto—Miss Irene Hornblow, L.R.A.M., (a) "Lotus Flower" (Schumann); (b) "I Attempt from Love's Sickness to Fly" (Purcell).  
 9.30—Trio—Instrumental trio, (a) "Toreador" (Godfrey); (b) "An Oriental Idyll".  
 9.40—Tenor—Signor Giovanni Stella, (a) "Cancion Espanola" (Alvarez); (b) "Ay Ay Ay" (Freire).  
 9.49—Intermezzo—The Band, "Evening Bells" (Rimmer).  
 9.53—Soprano—Miss Doreen Sheehy, "We'd Better Bide a Wee" (Claribel).  
 9.56—Foxtrot and march—The Band, "Let's Shake and Be Friends" (Donaldson), "Distant Greetings" (Doring).  
 10.2—Close down.

## WEDNESDAY. [April 6]

### 1YA (875 Kc.)—WED., APRIL 6.

11.45—Results of Avondale Jockey Club's Autumn Meeting.  
 5.0—Children's hour, conducted by Uncle Reg.  
 6.0—Dinner music. The Parlophone Salon Orchestra, "A Lover in Damascus" (Woodforde-Finden). Dajos Bela Orchestra, "Russian Fantasia" (Lange). "Faust Waltz" (Gounod).  
 6.15—Dajos Bela Orchestra, "I Pagliacci" Selection (Leoncavallo). Edith Lorand Orchestra, "Hedgeroses" (Lehar). Ernest Leggett London Octet, "Operatic Fantasia" (arr. Aldington).  
 6.34—Dajos Bela Orchestra, "The Swallows" Waltz (Strauss). La Argentina, Castanets, with Orchestra, "Dance No. 5" (Granados). Dajos Bela Orchestra, "Fantasia Orientale" (Lange). "Viennese Waltz Potpourri." La Argentina, Castanets with Orchestra, "La Corrida" (The Bull Fight) (Valverde).  
 6.55—Edith Lorand Orchestra, "O Maiden, My Maiden" (Lehar).  
 7.0—News and market reports.  
 8.0—Chimes. Concert by the Auckland Orphans' Club Orchestra, under the direction Orphan Harold Baxter. March—The Orchestra, "The Middy" (Alford). Overture—The Orchestra, "Pique Dame" (Suppe).  
 8.11—Tenor—Orphan A. G. Fogarty, "I Arise From Dreams of Thee" (Salamman).  
 8.15—Record—Piano—Beryl Newell, "Yes, Yes" (Friend).  
 8.18—Selection—The Orchestra, "The Geisha" (Jones).  
 8.26—Humour—Orphan Alan McElwain, "Some Humour" (arr. McElwain).  
 8.31—Record—The Kedroff Male Quartet, (a) "Valse" (Vogel); (b)

"Allegretto" (Kedroff); (c) "Allegro Allegro Molto" (Gretchaninoff).

8.37—Piccolo—Orphan Victor Cater, "The Comet" (Brewer). Scena—The Orchestra, "In a Persian Market" (Ketelbey).

8.46—Bass—Orphan Duncan Black, (a) "The Irish Wanderer" (Black); (b) "Dreaming of Home" (Besly).

8.52—Record—Sketch — Jack Hulbert and Company, "The House That Jack Built" (Jeans).

9.0—Evening weather forecast and announcements.

9.2—Suite—The Orchestra, "Americana" (Thurban).

9.10—Tenor—Orphan A. G. Fogarty, "I Hear You Calling Me" (Marshall).

9.14—Humour—Orphan Alan McElwain, "Some Humour" (arr. McElwain).

9.19—Record—Beryl Newell, "Bend Down, Sister" (Silverstein).

9.22—Bass—Orphan Duncan Black, "The Smuggler's Song" (Mullinar).

9.26—Patrol—The Orchestra, "Wee McGregor" (Amers).

9.30—Relay of Dance Music from the Peter Pan Cabaret.

11.0—Close down.

### 2YA (720 Kc.)—WED., APRIL 6.

10.0—Chimes. Selected gramophone recordings.

11.37—Lecturette—"Hollywood Affairs."

12.0—Lunch music.

3.10—Lecturette—Miss D. W. Wilkinson, "Dancing."

4.0—Relay from the Town Hall, Wellington of a Civic Reception to General E. J. and Mrs. Higgins of the Salvation Army.

4.55—Close down.

5.0—Children's hour, conducted by Aunt Daisy.

6.0—Dinner music. London Theatre Orchestra, "Frederica—Selection" Parts 1 and 2 (Lehar). New Queen's Hall Light Orchestra, "Summer Day's Suite" (Coates) (1) "In a Country Lane" (2) "On the Edge of the Lake"; (3) "At the Dance." Albert Sandler and His Orchestra "Salut D'Amour" (Elgar). New Concert Orchestra, "Nights of Fragrance—Waltz" (Ziehrer).

6.26—New Queen's Hall Light Orchestra, "Petite Suite De Concert" (Coleridge-Taylor), (1) "La Caprice De Nanette"; (2) "Demane Et Response" "Petite Suite De Concert" (Coleridge-Taylor); (a) "Un Sonnet D'Amour"; (b) "La Tarantelle Fretillante"; New Queen's Hall Light Orchestra, "Wood Nymphs—Valse" (Coates); J. H. Squire Celeste Octet, "Putting the Clock Back" (arr. Squire).

6.52—Albert Sandler and His Orchestra, "For You Alone" (Wehl). New Concert Orchestra, "Vienna Mailens Waltz" (Ziehrer).

7.0—News and reports.

7.35—Music Lover's Competition. Fifth series.

8.0—Chimes.

8.1—Selection—De Groot and The New Victoria Orchestra, "The Gypsy Princess" (Kalmann).

8.9—Tenor—Richard Crooks, (a) "Moonbeams" (Herbert); (b) "I'm Falling in Love With Someone" (Herbert).

8.15—Violin—Fritz Kreisler, (a) "Polchinnelle Serenade" (Kreisler); (b) "Dance of the Marionette" (Winternitz).

8.21—Concerted—Light Opera Company, "Chu Chin Chow" (Norton).

8.29—International Quartet — Novelty Quartet, "Dwarf's Patrol" (Duthke).  
 8.32—Humour—George Sorlie, "Heskiah Johnson's Jubilee" (Weston-Lee).  
 8.35—Selection—New Mayfair Orchestra, "Folly to be Wise" (N.C.).  
 8.39—Contralto — Sigrid Onegin, "Open Your Blue Eyes" (Massenet).  
 8.42—Cornet with organ—R. Arnold Greir, "Drink to Me Only with Thine Eyes" (Hullah).  
 8.45—Male Quartet—Gresham Singers, (a) "The Clock is Playing" (Blauauw); (b) "Come to the Fair" (Martin).  
 8.51—Instrumental — Marek Weber and His Orchestra, "Fantasia on Melodies of Johann Strauss" (Weber).  
 9.0—Weather report and station announcements.  
 9.2—Lecturette—Dr. Guy H. Scholefield O.B.E.  
 9.17—Selection—The Paul Godwin Orchestra, "Hearts and Diamonds" (Marischka).  
 9.25—Baritone—John Brownlee, "If Were King" (Tipton).  
 9.28—Instrumental—Paul Godwin's Orchestra, "Firefly's Idyl" (Lincke); Vienna Schrammel Quartet, "Firefly's Appointment" (Siedel).  
 9.34—Duet—Dora Labbette and Hubert Elsdell, "The Sweetest Flower That Blows."  
 9.37—Pianoforte—Raie Da Costa, "Reaching for the Moon" (Berlin).

9.40—"A Miniature Concert" (N.C.).  
 9.48—Selection—New Mayfair Orchestra, "Blue Roses" (Ellis).  
 9.52—Humour — George Sorlie, "Four-and-Nine" (David, Lee).  
 9.55—Potpourri — Paul Godwin, Dance Orchestra, "From Ear to Ear" (Morena).  
 10.3—Close down.  
**3YA (930 Kc.)—WED., APRIL 6.**  
 3.0—Gramophone recital.  
 4.30—Sports results and close down.  
 5.0—Children's hour, conducted by Cousin Beatrice.  
 6.0—Dinner music. Berlin State Opera House Orchestra, "The Barber of Seville" Overture (Rossini). Dajos Bela Orchestra, "Woodland Peace" (Favilla). Opera Comique Orchestra, "Gopak" (Moussorgsky). Dajos Bela Orchestra, "Roses of the South" Waltz (Strauss).  
 6.15—Opera Comique Orchestra, "The Sorotchintsi Fair"; "A Hot Day In Little Russia" (Moussorgsky). Grand Symphony Orchestra, "Polonaise No. 1 in A" (Chopin). Debroy Somers Band, "The Desert Song" (Romberg). Barnabas Von Geczy and His Orchestra, "Strauss Waltz Medley" (Strauss).  
 6.39—Berlin State Opera House Orchestra, "Aida—Selection" (Verdi). Grand Symphony Orchestra, "Hungarian Dances—Nos. 5 and 6" (Brahms). Dajos Bela Orchestra, "The Court Ball" (Lanner).

6.55—"Vienna Bon Bons" Waltz (Strauss).  
 7.0—News and reports.  
 7.30—Addington stock market reports.  
 7.40—Talk—Mr. E. E. Wiltshire "Books of the Month."  
 8.0—Chimes. God save the King. Instrumental—Christchurch Salon Orchestra (Conductor, Francis E. Bate), "Overture to an Irish Comedy" (Ansell).  
 8.10—Recording — Ensemble La Scala Milan, "Forth From My Brain" (Puccini).  
 8.14—Recording—Piano — Leopold Godowsky, "Morning Greeting" (Schubert).  
 8.18—Tenor—Mr. W. J. Trowern, (a) "Resolution" (Lassen); (b) "On Wings of Song" (Mendelssohn).  
 8.23—Recording — Cello — Gaspar Cassado, "Serenata Napoletana" (Sgambati).  
 8.26 — Recording — Contralto — Marion Anderson, "Plaisir D'Amour" (Martini).  
 8.29—Selections—Salon Orchestra, (a) "In the Silence of the Night" (Rachmaninoff); (b) "Hymn to the Sun" (Rimsky-Korsakov).  
 8.38—Recital of poems and songs—Mrs. A. M. Spence Clark and W. B. Harris, words by Alfred Noyes, introducing "Go Down to Kew" (Peel); "Slumber Song of the Madonna" (Keel).  
 9.1—Weather forecast and station notices.  
 9.3—Suite — Salon Orchestra—"Monsieur Beaucaire" (Rosse). (a) "Intermezzo"; (b) "Leit Motif"; (c) "Gavotte"; (d) "Chant des Voyageurs."  
 9.13—Tenor—Mr. W. J. Trowern, (a) "Pretty Bird With Voice So Sweet" (Prout); (b) "Megan" (Novello).  
 9.18—Recording — Violin — Peter Bornstein "Rondino" (Kreisler-Beethoven).  
 9.21—Recording — Ensemble La Scala Milan, "Fair Daughter of Joy" (Verdi).  
 9.25—Suite — Salon Orchestra—"Monsieur Beaucaire" (Rosse). (e), "Love Scene"; (f) "March Theme."  
 9.30—Dance music.  
 11.0—Close down.

7.0—News and reports.  
 8.0—Chimes. Recording—Band of H.M. Coldstream Guards, "Floradora" (Stuart).  
 8.8—Contralto, Miss G. Burt, (a) "A Summer Night" (Thomas); (b) "Cradle Song" (Brahms).  
 8.15—Selection, Mons. de Rose and his Salon Orchestra, "Orpheus" (Offenbach).  
 8.24—Recording—Three Valleys Festival Choir, "Aberystwyth" (Parry).  
 8.37—Dramatic Recital—Mr. A. F. O'Donoghue, "Claude Melonette's Apology" (Lytton).  
 8.44—Selection—The Salon Orchestra, "The Daughter of the Regiment" (Donizetti).  
 8.55—Soprano—Miss Dorothy M. Sligo, (a) "Villanelle" (Deilacqua); (b) "Indian Love Call" (Friml).  
 9.0—Weather report and station notices.  
 9.2—Recording—Band of H.M. Grenadier Guards, "Wine, Women and Song" (Strauss).  
 9.5—Contralto—Miss G. Burt, Song Cycle: "Moon Magic" (Arundale). 1. "Up in the Sky." 2. "My Fairy Godmother." 3. "Tears that Children Shed."  
 9.10—Suite—The Salon Orchestra, "Andalusia" (Miramontes).  
 9.21—Soprano—Miss Dorothy M. Sligo, (a) "The Asra" (Rubinstein); (b) "Serenade" (Strauss).  
 9.26—Selections—The Salon Orchestra, (a) "Mercedes—Valse Espagnole" (Miro); (b) "Le Cygne" (Saint-Saens).  
 9.30—Dance music.  
 11.0—Close down.

**2YB (1230 Kc.)—WED., APRIL 6.**

7.30 to 8.0—News and information.  
 8.0 to 10.0—Studio concert.

**THURSDAY . [April 7]**

**1YA (875Kc.)—THURS, APRIL 7.**

12.15—Selected recordings.  
 12.30—Relay of Mid-day Service from St. Matthew's Church.  
 3.0—Selected recordings.  
 3.15—Home Science Talk, prepared by the Home Science Extension Service of Otago University.  
 3.0—Sports results.  
 5.0—Children's Hour, conducted by Skipper.  
 6.0—Dinner music—Marek Weber and His Orchestra, "Minuet No. 1" (Paderewski). H.M. Coldstream Guards Band, "Les Cloches De Cornerville—Selection" (Planquette). De Groot's Piccadilly Orchestra, "Friend O' Mine" (Sanderson). Reginald King and His Orchestra, "The Song I Love" (Henderson).  
 6.17—Paul Whiteman and His Concert Orchestra, "Mississippi Suite—A Tone Journey" (Grove). Marek Weber's Orchestra, "Coenr Brise" (Gillet). London Palladium Orchestra, "Nautical Moments" (arr. Winter).  
 6.35—De Groot and His Orchestra, "Samson and Delilah — Selection." (Saint Saens). H.M. Coldstream Guards Band, "Faust Selections" (Gounod). De Groot's Piccadilly Orchestra, "None But the Weary Heart," (Tschaiakowsky). Reginald King and His Orchestra, "Garden in the Rain" (Gibbons).  
 6.54—De Groot and His Orchestra, "Louise—Selection" (Charpentier).  
 7.0—News and market reports.  
 7.40—Talk, under the auspices of the Auckland Horticultural Society.

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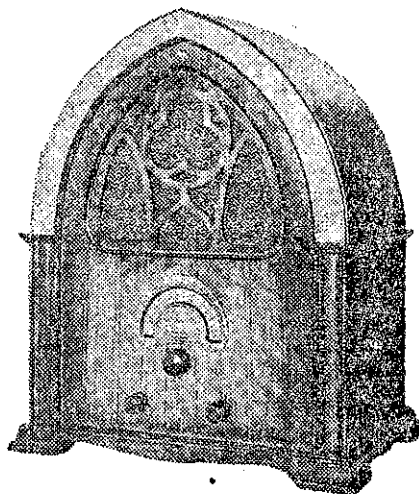
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8.0—Chimes—Relay of concert programme from Hamilton.

10.0—Close down.

### 2YA (875 Kc.)—THURS., APRIL 7.

10.0—Chimes. Selected recordings.

10.45—Lecturette—"Cooking."

11.37—Lecturette—Representative, Health Department, "Health Talk."

12.0—Lunch music.

2.0—Selected recordings.

3.15—Lecturette—Miss I. F. Meadows—Talk prepared by the Home Science Extension Department of the Otago University.

3.30 and 4.30—Sports results.

4.55—Close down.

5.0—Children's hour, conducted by Uncle George and Big Brother Jack.

6.0—Dinner music. Vienna Philharmonic Orchestra, "Morning, Noon and Night in Vienna" (Suppe); The Palladium Orchestra, "The Grasshoppers' Dance" (Bucalossi). New Symphony Orchestra, "Le Cid Ballet Music" (Massenet)—(1) "Castillane"; (2) "Aubade"; (3) "Andalouse"; (4) "Arragonaise"; (5) "Madrilene"; (6) "Navarraise."

6.25—New Mayfair Orchestra, "Love Lies—Selection." New Light Symphony Orchestra, "Persiflage" (Frances). H.M. Coldstream Guards Band, "The Belle of New York—Selections" (Kerker). Marek Weber and His Orchestra, "Lehariana" (Geiger).

6.44—The Palladium Orchestra, "La Siesta—Barcarolle" (Norton, arr. Lotter). New Mayfair Orchestra, "Five O'Clock Girl—Selection." New Light Symphony Orchestra, "Scene De Ballet—Marionettes" (Glazounov).

6.55—H.M. Coldstream Guards Band, "The Giesha—Selection" (Jones).

7.0—News and reports.

7.40—Lecturette—Mr. A. Quinell "Star Myths of the Zodiac."

8.0—Chimes. One hour of music, song and story by "The Record Players." Produced by Mr. Fred Barker.

9.0—Weather report and station notices.

9.2—Overture—2YA Orchestrina (Conductor—Signor A. P. Truda), "Tancredi" (Rossini).

9.12—Soprano—Miss Joyce Woodward, (a) "Early in the Morning" (Montague Phillips); (b) "The Robin's Song" (White).

9.18—Recording—(Humour)—Clapham and Dwyer, "Clapham and Dwyer on Photography" (Clapham and Dwyer).

9.24—Selection—2YA Orchestrina, "Tip Toes" (Gershwin), Medley March—"My Lovin' Melody Man" (Glogau).

9.36—Recording—Ernest McKinley (tenor), (a) "Song of the Locust" (Hill); (b) "Waiata Maori" (Hill).

9.42—Humour—Mr. W. J. McKeon, "Fire for the General" (Anon).

9.48—Instrumental—2YA Orchestrina, "Sullivan Melodies" (arr. Godfrey). Turkey Trot—"The Gobiers Gamble" (Grooms).

10.0—Close down.

### 3YA (875 Kc.)—THURS., APRIL 7.

3.0—Gramophone recital.

3.15—Home Science Talk. Prepared by the Home Science Extension Service, Otago University.

4.30—Sports results and close down.

5.0—Children's hour.

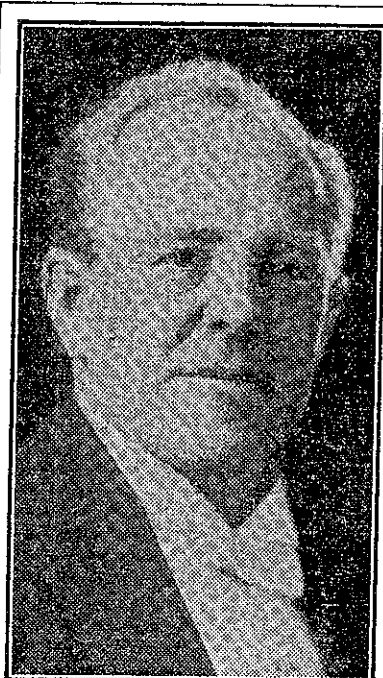
6.0—Dinner music. Bournemouth Municipal Orchestra, "The Bronze Horse—Overture" (Auber). Debroy Somers Band, "Hungarian Medley—One-step" (arr. Debroy Somers). Rio

Novelty Orchestra, "Mientras Lloro El Tango" (Barabine). Columbia Symphony Orchestra, "Idillio" (Lack).

6.19—Albert W. Ketelbey's Concert Orchestra, Cockney Suite—(a) "A State Procession"; (2) "The Cockney Lover" (Ketelbey). Cockney Suite—(3) "At The Palace De Dance"; (4) "Elegy"; (5) "Bank Holiday" (Ketelbey).

6.35—J. H. Squire Celeste Octet, "Funeral March of a Marionette" (Gounod, arr. Sear). Gil Dech Ensemble, "Valse Parisienne" (Roberts, arr. Barry). Debroy Somers Band, "Mister Cinders" Selection (Ellis and Myers).

6.47—Rio Novelty Orchestra, "Spaventa"—Tango (Pares). Columbia



John T. Leech

A well-known 4YA tenor. He is one of a quintet of vocalists who will present solos and concerted numbers from 4YA on April 3.

—Zenith, photo.

Symphony Orchestra, "Spring Song" (Mendelssohn). J. H. Squire Celeste Octet, "Air on G String" (Bach, arr. Sear).

6.56—Gil Dech Ensemble, "Italian Nights" (Roberts).

7.0—News and reports.

7.20—Review of the Journal of Agriculture.

7.35—Music Lovers' Competition Series 5.

8.0—Chimes. Programme of recordings. Overture—State Opera Orchestra, Berlin, "The Mastersingers of Nurembourg" (Wagner).

8.3—Humour—Mr. Flotsam and Mr. Jetsam, "Schubert's Toyshop" (Flotsam and Jetsam).

8.12—Intermezzi—Anglo Persians, (a) "A Siren Dream" (Sherman) (b) "Dancing Tambourine" (Polla).

8.18—Tenor—Frank Munn, "Somewhere a Voice is Calling" (Tate).

8.21—Piano—Edward Goll, "The Virgin's Slumber Song" (Reger).

8.24—Yodelling—"Andreany Tyrolean Poika" (Blangy).

9.27—Organ—G. T. Pattman, "Tired Hands" (Piantadosi).

8.30—Male Quartet—Ritz Quartet, "Old Man Noah."

8.33—Entracte—New York Symphony Orchestra, "Entrance of the Little Fauns" (Pierne).

8.37—Baritone and Soprano—Apollo Grandeforte and Hilda Monti, "Arise Thou" (Verdi).

8.41—Banjo—Harry Reser, "Collette" (Baer).

8.44—Soprano—Mario Kurenko, "La Danza" (Rossini).

8.48—Medley—Jack Hylton's Orchestra, "Old Time Songs."

8.56—Waltz—Castlewood Marimba Band, "Silver Sands of Love."

8.59—Comedian—Sandy Macfarlane, "Auld Scotch Songs" (Lesson).

9.2—Weather forecast and station notices.

9.4—Talk—Mr. L. C. Webb, "Democracy and the Crisis."

9.19—Instrumental—New Symphony "Toy Symphony" (Romberg).

9.27—Negro Kentucky Spiritual—Kentucky Jubilee Choir, "Deep River" (Burleigh).

9.30—Potpourri—Katz Saxophone Band, "Popular Songs Medley" (Quintrell).

9.36—Monologue—Gillie Potter, Mr. Potter's Sporting Broadcast" (Potter).

9.42—Cello—Felix Salmond, "Berceuse de Jocelyn" (Godard).

9.45—Humour—Mr. Flotsam and Mr. Jetsam, "Polonaise in the Mall" (Chopin Polonaise, arr. Flotsam and Jetsam).

9.49—Medley—Paul Godwin's Dance Orchestra—"Popular Student Songs" (Sloman).

9.55—Medley—Jack Hylton's Orchestra, "More Old Songs."

10.3—Close down.

### 4YA (650 Kc.)—THURS., APRIL 7.

Silent Day.

## FRIDAY . . . [April 8]

### 1YA (875 Kc.)—FRI., APRIL 8.

3.0—Selected recordings, and literary selection.

4.30—Sports results and close down.

5.0—Children's hour, conducted by Nod and Aunt Jean.

6.0—Dinner music. Herman Finck and His Orchestra, "Waldteufel Memories" (arr. Finck). Plaza Theatre Orchestra, "A La Gavotte" (Finck).

Columbia Symphony Orchestra, "Badinage" (Herbert). Cleveland Symphony Orchestra, "Shepherd's Hey"—a Morris Dance.

6.15—J. H. Squire's Celeste Octet, "Scene de Ballet" (de Beriot, arr. Sear). Johann Strauss and Symphony Orchestra, "Blue Danube Waltz" (Strauss). Orchestra Symphonique de Paris, "L'Arlesienne Suite—Intermezzo" (Bizet). Brunswick Concert Orchestra, "Sylvia" (Speaks).

6.28—Sandor Joszi Orchestra, "An Eastern Wedding" (Prychistal). Pavillon Lescaut Tango Orchestra, "In a Little Cafe" (Tango) (Newbach). Plaza Theatre Orchestra, "Minuet" (Finck). Columbia Symphony Orchestra, "Al Fresco" (Herbert).

Brunswick Concert Orchestra, "The Perfect Song" (Breill). Sandor Joszi Orchestra, "The Hobgoblin's Story" (Brecht).

6.43—J. H. Squire's Celeste Octet, "Second Movement from 'Symphony Pathetique'" (Tschalkowsky, arr. Robertson).

6.47—Johann Strauss and Symphony Orchestra, "Morgen Blatter" Waltz (Strauss). Orchestre Symphonique

de Paris, "L'Arlesienne Suite—Entracte—Le Cuisine de Castelet" (Bizet).

6.53—Barnabas von Gezy and His Orchestra, "Pardon, My Lady" (Tango) (Jager).

7.0—News and market reports.

7.40—Sports talk.

8.0—1YA Chamber Orchestra, under direction Mr. Harold Baxter. March—"Vanished Army" (Alford). Characteristic—"Whispering of the Flowers" (Blon).

8.9—Contralto—Miss Norma Joll (a) "Homage" (Del Riego); (b) "The Night Has a Thousand Eyes" (Lambert).

8.15—Record—Royal Serbian Tambouritz Orchestra, (a) "Ne Kalytze Valgas"; (b) "Kosovo Waltz."

8.21—Saxophone and piano—Watters-Rae Duo. Saxophone—"Gloria" (Wiedoeff). Piano—"Improvisations" (Sims). Saxophone—"Valse Elegante" (Johnson).

8.28—Baritone—Mr. Reginald Morgan, (a) "Under the Deodar" (Monckton); (b) "Who Knows?" (Ball).

8.33—Record—Zonophone Minstrels, "The White Blackbirds."

8.39—Waltz—The Orchestra, "The King's" (Greenhalgh).

8.45—Talk—Mr. J. C. Brougham, "Correcting Some False Impressions of the Foreign Legion."

9.0—Evening weather forecast and announcements.

9.2—Ballet—The Orchestra, "Lakme" (Delibes).

9.10—Contralto—Miss Norma Joll, (a) "Song of Autumn" (Elgar); (b) "In Haven" (Elgar).

9.15—Record—Roy Smeck and His Vito Trio, (a) "Two Hearts"; (b) "Dream a Little Dream of Me."

9.21—Saxophone and piano—Watters-Rae Duo. Saxophone—"Kiss Me Again" (Wiedoeff). Piano—"Pettin' the Keys" (Confrey). Saxophone—"Parade of the Wooden Soldiers" (Jessel).

9.28—Popular songs—Mrs. Ella Hines, (a) "You Call it Madness, but I Call it Love" (Conrad); (b) "Close Your Eyes" (Tennet); (c) "Rio Nights" (Thompson).

9.28—Prelude—The Orchestra, "King Lear" (Rust).

9.43—Baritone—Mr. Reginald Morgan, (a) "A Brown Bird Singing" (Wood); (b) "When Dawn Breaks Through" (Wood).

9.48—Record—Sir Harry Lauder, "I'm the Boss of the Hoose" (Lauder).

9.52—Selection—The Orchestra, "Ballroom Memories" (Joyce).

10.0—Close down.

### 2YA (720 Kc.)—FRIDAY, APRIL 8.

10.0—Chimes. Selected recordings.

11.12—Lecturette, "Fashions."

12.0—Lunch music.

2.0—Selected recordings.

3.30 and 4.30—Sports results.

4.55—Close down.

5.0—Children's hour, conducted by Uncle Jim.

6.0—Dinner music. Berlin State Opera House Orchestra, "Academic Festival—Overture" (Brahms) Opera Comique Orchestra, "Scenes Pittoresques"—March and Fete Boheme (Massenet). Berlin State Opera House Orchestra, "Slavonic Dances, Nos. 8 and 16" (Dvorak).

6.23—"Christmas Concerto" (Correlli).

6.38—Edith Lorand Orchestra, "Torreador and Andalouse" (Rubinstein).

Berlin State Opera House Orchestra, "La Traviata—Prelude" (Verdi).

6.45—Dajos Bela Orchestra, "Strauss, The Waltz King at Home" (Weber).



## SATURDAY . . [April 9]

## 1YA (875 Kc.)—SAT., APRIL 9.

3.0—Selected recordings and literary selection.

4.30—Sports results and close down.  
5.0—Children's hour, conducted by Cinderella.

6.0—Dinner music. Johann Strauss and His Orchestra, "Radetzky March" (Strauss). Milan Symphony Orchestra, "Semiramide—Overture" (Rossini). Johann Strauss and His Orchestra, "Voices of Spring—Waltz" (Strauss). Berlin State Opera House Orchestra, "Schwanda, the Bagpipe Player" (Weinberger). Jean Lensen and His Orchestra, "Ideale" (Tosti, arr. Tavan).

6.27—J. H. Squire Celeste Octet, "Hungarian Dance in D" (Brahms). J. H. Squire Celeste Octet, "Memories of Mendelssohn." Plaza Theatre Orchestra, "Bal Masque—Valse Caprice" (Fletcher). Herman Finck's Orchestra, "Schubertiana" (arr. Finck). Jean Lensen and His Orchestra, "Love's Last Day" (Benatsky).

6.53—J. H. Squire Celeste Octet, "Hungarian Dance in A Minor" (Brahms).

7.0—News and market reports.

8.0—Chimes. Recording—Band of H.M. Coldstream Guards, "La Fille de Madame Angot" (Lecocq).

8.9—Contralto—Miss Nellie Lingard, (a) "Invocation to the Sun" (Greenhill); (b) "A Moral Set to Music" (Del Riego).

8.15—Trio—Barry Ingall's Hawaiians, (a) "Aloha, Sunset Land" (Kaweno); (b) "Hawaiian Lullaby" (arr. Ingall); (c) "Hawaiian Switch" (arr. Ingall).

8.22—Recording—Albert Greene and Westminster Glee Singers, (a) "Billy Boy"; (b) "Fire Down Below" (Chanties).

8.25—Selection—1YA Chamber Orchestra, under direction Mr. Harold Baxter, "Reminiscences of Grieg" (arr. Godfrey).

8.35—One-act Play—Auckland Little Theatre Society, "Cecil" (Lowe).

8.50—Tenor—Mr. H. W. Jessop, (a) "Summer in the Country" (Lohr); (b) "If I Were a Swallow" (Lohr).

8.56—Recording—Band of H.M. Coldstream Guards, "March aux Flambeaux" (Meyerbeer).

9.0—Evening weather forecast and announcements.

9.2—Trio—Barry Ingall's Hawaiians, (a) "Hawaiian Memories" (Heagney); (b) "On the Beach at Waikiki" (arr. Ingall); (c) "Hilo Waltz" (Ingall).

9.10—Contralto—Miss Nellie Lingard, (a) "The Blackbird in My Garden" (Wood); (b) "Shadows of Evening" (Kaikan).

9.16—Recording—Amos 'n' Andy, "Is Everybody in Your Family as Dumb as You Are?" (Gosden).

9.22—Waltz—The Orchestra, "Vienna Woods" (Strauss).

9.30—Bass—Westminster Glee Singers, (a) "Hullabaloo-Balay"; (b) "What Shall We Do With a Drunken Sailor?" (Chanties).

9.33—Selection—The Orchestra, "Empireland" (Stoddon).

9.43—Tenor—Mr. H. W. Jessop (a) "A May Morning" (Denza); (b) "In Summertime on Bredon" (Peel).

9.50—Recording—Sketch—Angela Baddeley and L. du Garde Peach, "Motoring Without Tears" (Peach).

land" (Wood), (b) "When Evening's Twilight" (Hatton).

8.16—Recording, cornet—Del Staigers, (a) "Carnival of Venice" (Benedict), (b) "Napoli" (Bellstedt).

8.21—Humour—Mr. Lester F. Moller, "Guy de Vere Plays Football" (West).

8.27—Quartet—Stoke's Hawaiian Quartet, (a) "Kamiki March" (Smith), (b) "Honolulu Blues" (Roach).

8.35—Choruses—The Dunedin Glee Singers, (b) "My Bonnie" (Traditional), (b) "Softly Fall the Shades of Evening" (Hatton).

8.42—Violin—Miss Eva Judd, (a) "Tambourin" (Kreisler), (b) "Canto Amoroso" (Elman).



Kay Christie

A favourite contralto with Auckland listeners. She is at present visiting Wellington, and on April 9 will be heard from 2YA in four ballads.

8.50—Recording—International Symphony Orchestra, "Gipsy Love" (Lehar).

8.56—Chorus—The Dunedin Glee Singers, "Orpheus with His Lute" (MacFarren).

9.0—Weather report and station notices.

9.2—Recording—Rudy Starita and His Ambassador's Band, "Five O'Clock Girl" (Kalmar).

9.9—Choruses—The Dunedin Glee Singers, "Funiculi, Funicula" (Denza); "Who is Sylvia?" (Speakes).

9.15—Quartet—Stokes Hawaiian Quartet, "Haloa Waltz" (Kaai).

9.20—Humour—Mr. Lester F. Moller, "The Chairman's Remarks."

9.27—Recording—O'Leary's Irish Minstrels, "The Pigeon on the Gate" (Trdtl.).

9.30—Choruses—The Dunedin Glee Singers, (a) "Sing a Song of Sixpence" (Barnett); (b) "Oft in the Still Night" (Moore).

9.37—Violin—Miss Eva Judd, (a) "Scene de Ballet" (Coleridge-Taylor); (b) "A June Rose Bloomed" (Coleridge-Taylor).

9.44—Quartet—Stoke's Hawaiian Quartet, (a) "Les Deux Amis" (Cramer); (b) "Love's Adieu" (Pressles).

9.53—Chorus—The Dunedin Glee Singers, "John Peel" (Trdtl.).

9.57—Recording—Black Diamond Band, "Old Comrades" (Teike).

10.0—Close down.

8.43—Recording—Piano—Percy Grainger, "Cradle Song" (Grainger).

8.46—Bass—Mr. T. D. Williams, (a) "Three Hundred Miles From London" (Drummond); (b) "Garden of Memories" (Drummond).

8.50—Suite—Salon Orchestra "Hyde Park" (a) "Sunday Morning Parade"; (b) "Rotten Row"; (c) "On the Serpentine"; (d) "Around the Bandstand" (Jalowicz).

9.1—Weather forecast and station notices.

9.3—Recording—Band of Salvation Army—"The Scout Leader" (Kirk); "Beautiful Canaan" (Soderstrom).

9.9—Quartet—Melodious Quartet, "How Sweet the Moonlight" (Callcott).

9.12—Recording—Piano—Lee Sims, "It Made You Happy When You Made Me Cry" (Donaldson).

9.15—Soprano and Tenor—Melodious Duo, "For Aye My Love" (German).

9.18—Recording—New York String Quartet: "Minuet" (Boccherini); "Spanish Dance" (Albeniz).

9.24—Mezzo-Contralto—Miss Millicent Jennings with vocal trio, "Bells of Brittany" (Lyall Phillips).

9.28—Reverie—Salon Orchestra, "Traumerel" (Schumann). Humoresque, Salon Orchestra, "Je Sais Que Vous Etes Jolie" (Christine).

9.38—Bass—Mr. T. D. Williams, (a) "Kishmul's Galley" (Kennedy-Fraser), (b) "Skye Fisher's Song" (Kennedy-Fraser).

9.44—Recording—Comedian: Clark Rose, "Single and Married" (Rose).

9.47—Recording—Whistler: Margaret McKee, "The Bird at the Waterfall" (Hager).

9.50—Quartet—Melodious Quartet, "Dame Durden" (Harrington).

9.54—Recording—Violin—Frederick Fradkin and Orchestra, "In a Little Spanish Town" (Wayne).

9.57—Recording—Coldstream Guards Band, "Geisha" Selection (Jones).

10.1—Close down.

## 4YA (650 Kc.)—FRIDAY, APRIL 8.

3.0—Selected recordings.

4.30—Sports results and close down.

5.0—Children's Hour, conducted by Aunt Sheila.

6.0—Dinner music—Berlin State Opera Orchestra, "The Magic Flute Overture" (Mozart); Sandor Joszi Orchestra, "Polo" (Petrus); Berlin State Opera House Orchestra, "Slavonic Dance, Nos. 1 and 2" (Dvorak).

6.22—Frank Westfield's Orchestra, "Our Miss Gibbs" selection (Monckton); Dajos Bela Orchestra, "Voices of Spring" (Strauss); Major Bowes Capitol Theatre Trio, "Pale Moon" (Logan); Orchestra Opera Comique, Paris, "Manon—Ballet Music" (Massenet).

6.38—Berlin State Opera House Orchestra, "From Foreign Parts," "Spain" and "Hungary" (Moszkowski); Major Bowes Capitol Theatres Trio, "My Isle of Golden Dreams" (Blaufuss).

6.46—Sandor Joszi Orchestra, "Marionette's Wedding March" (Rathie); Frank Westfield's Orchestra, "The New Sullivan Selection" (arr. Godfrey).

6.55—Dajos Bela Orchestra—"Wiener Blut" (Strauss).

7.0—News and reports.

7.40—Cricket talk—Mr. F. T. Badcock, "Captaincy."

8.0—Chimes. Recording—Plaza Theatre Orchestra, "The Belle of New York" (Kerker).

8.9—Choruses—The Dunedin Glee Singers—(a) "God Defend New Zea-

6.53—Edith Lorand Orchestra, "Minuet" (Boccherini).

7.0—News and reports.

7.40—Lecturette—Mrs. A. L. Long, "Bridge."

8.0—Chimes. Recorded items.

8.30—Selection—2YA Orchestra (Conductor—Signor A. P. Truda), "Court Royal" (Gruenwald).

8.38—Contralto—Miss Roma Thompson, (a) "Lullaby" (Brahms); (b) "Serrade" (Raff).

8.44—Sketch—Miss Marjorie Murray and Mr. A. D. Priestley, "Devastating" (Turner).

8.53—Selection—2YA Orchestra, "The Desert Song" (Romberg). Fox-trot—"Dixiana" (Tierney).

9.0—Weather report and station notices.

9.2—Contralto—Miss Roma Thompson, (a) "Hine e Hine" (Te Rangipai); (b) "A Maori Lament" (Hill).

9.8—Selection—2YA Orchestra, "Cairo" (Fletcher).

9.15—Sketch—Miss Marjorie Murray and Mr. A. D. Priestley, "Dining Out" (Melford).

9.23—Medley—2YA Orchestra, "My Cousin Caruso" (Edwards).

9.30—Dance programme.

11.0—Close down.

## 3YA (980 Kc.)—FRIDAY, APRIL 8.

3.0—Gramophone recital.

4.30—Sports results and close down.

5.0—Children's hour, conducted by Aunt Pat.

6.0—Dinner music. Herman Finck and His Orchestra, "Melodious Memories" (arr. Finck) Parts 1 and 2. Continental Novelty Orchestra, "Las Lagarteranas" (Foulkes). Sir Henry J. Wood's Symphony Orchestra, "Prelude in Sharp Minor" (Rachmaninoff, arr. Wood). J. H. Squire Celeste Octet, "The Ant's Antics" (Squire).

6.17—Cordoba Philharmonic Orchestra, "Carnival" (Lucena). Regal Cinema Orchestra, "Viennese Nights—Waltzes Selection" (Romberg). Continental Novelty Orchestra, "Los Clavales De Sevilla" (Guerrero).

6.31—Sir Henry J. Wood's Symphony Orchestra, "Volga Boat Song" (arr. Wood). Cordoba Philharmonic Orchestra, "La Habanera" (Lucena). J. H. Squire Celeste Octet, "The Fly's Courtship" (Squire). Regal Orchestra, "Pagliacci" Selection (Leoncavallo).

6.50—Herman Finck and His Orchestra, "Melodious Memories" (arr. Finck), Parts 3 and 4.

7.0—News and reports.

8.0—Chimes. Christchurch Salon Orchestra (Conductor—Francis E. Bate), "The Belle of New York" (Kerker).

8.15—Quartet—Melodious Quartet, "Hail Orpheus Hail" (De Reef). Soprano—Miss Frances Hamerton, (a) "Starry Woods" (Phillips); (b) "Falling Blossom" (Sawyer).

8.22—Recording—Violin—George Kulenkampf, "La Capricciosa" (Ries).

8.26—Contralto and Bass—Melody Duo, "A Paradise For Two" (Fras Simonson).

8.29—Recording—Biljo's Balalaika Orchestra, "Blowing Winds."

8.32—Tenor—Mr. Russell Sumner, (a) "Phyllis"; (b) "My Celia" (Phillips).

8.35—Recording—Comedy—The Happiness Boys—"Must You Wear a Moustache" (Silver).

8.38—Mezzo-Contralto—Miss Millicent Jennings, (a) "Hayfields and Butterflies" (Del Riego); (b) "Home is Where You Are" (Meale).

9.55—March—The Orchestra, "The Gipsy Caravan" (Langey).  
10.0—Programme of dance music.  
11.0—Sports results.  
11.10—Close down.  
Note.—All orchestral music is obtained locally.

### 2YA (720 Kc.)—SAT., APRIL 2.

3.0—Chimes. Selected recordings.  
3.30 and 4.30—Sports results.  
4.55—Close down.  
5.0—Children's hour, conducted by Aunt Molly and Uncle Jasper.  
6.0—Dinner music. The Paul Godwin Orchestra, "Rejoicings" — March (Schwetzler). "The Bird Seller" (Zeller). "Dreaming Flowers" (Translatour).  
6.16—"Potpourri of German Folk Songs" (arr. Hannemann); "Oh This Beautiful Springtime" (Lincke). Polydor String Orchestra, "In Indra's Land" (Lincke). The Paul Godwin Orchestra, "Ambade—Serenade" (Schwetzler).  
6.40—"Murmur De Bal" (Heilmund). "Coppelia Ballet—Fantasy" (Delibes).  
6.53—"Popples" (Moret).  
7.0—News and reports.  
8.0—Chimes. Recording — Herman Fluck and His Orchestra, "Old and New" (arr. Fluck).  
8.8—Baritone—Mr. Ernest Short, (a) "Whatever is—Is Best" (Loar); (b) "The Windmill" (Nelson).  
8.14—Selection — Salon Orchestra (Conductor—Mr. M. T. Dixon), "Kissing Time" (Caryll).  
8.24—Recording—(Humour) — Flotsam and Jetsam, (a) "The Business Man's Love Song" (Hilliam); (b) "Optimist and Pessimist" (Hilliam).  
8.30—Instrumental and Vocal — Te Rawhiti Maori Entertainers — (a) "Haere Mai" (Parihi); (b) "Hoki Eoki" (Kauti); (c) "Medley Hawaiian Airs" (arr. Paris); (d) "E Here Aua" (Cook); (e) "Home, Little Maori Home" (Hill).  
8.40—Contralto—Miss Kay Christie, (a) "Love Was Once a Little Boy" (Wade); (b) "Irish Folk Song" (Footes).  
8.46—Fantasia — Salon Orchestra, "A Day in Naples" (Byng).  
8.54—Recording (Humour) — Gillie Potter, "Mr. Potter Visits Southend" (Potter).  
9.0—Weather report and station notices.  
9.2—Baritone — Mr. Ernest Short, (a) "The Tramp" (Trottere); (b) "The Poor Old Bo'sun" (Longstaffe).  
9.8—Saxophone—Mr. J. Barrett with orchestral and Salon Orchestra, "I Hear You Calling Me" (Marshall). Instrumental—Salon Orchestra, "Enchanted Valley" (Bucalossi).  
9.18—Recording (Humour) — Norman Long (a) "What Did The Village Blacksmith Say?" (Henry); (b) "Overture 1929" (arr. Long).  
9.24—Instrumental and Vocal — Te Rawhiti Maori Entertainers, (a) "Kopi Kopi" (Anara); (b) "Pokarekare" (Hill); (c) Medley Hawaiian Airs" (arr. Paris); (d) "Waiata Waka" (Cook); (e) "Poatarau" (Ratana).  
9.34—Contralto—Miss Kay Christie, (a) "The Hills of Donegal" (Sanderson); (b) "The Glory of the Sea" (Sanderson).  
9.40—Recording—Light Opera Male Chorus, "Songs of Good Cheer" (arr. Byng).  
9.48—Descriptive — Salon Orchestra, (a) "A Cossack's Wedding Fete" (Krein); (b) "Bits and Pieces" (Raynes).

10.0—Dance programme.  
11.0—Sporting summary.  
11.10—Close down.

### 3YA (980 Kc.)—SAT., APRIL 2.

3.0—Gramophone recital.  
4.30—Sports results and close down.  
5.0—Children's Hour, "Uncle Charlie."  
6.0—Dinner music. Victor Olof Salon Orchestra, "Grieg Selection" (arr. Urbach); Dajos Bela Orchestra, "Kaiser Waltz" (Strauss). Frank Westfield's Orchestra, "The Belle of New York" Selection (Kerker).  
6.18—Grand Symphony Orchestra, "Chinese Street Serenade" (Siede). Pavillon Lescant Orchestra, "Oh! Miss Greta"—Tango (Flossas). Berlin State Opera House Orchestra, "Praeludium" (Jarnfeldt). Dajos Bela Orchestra, "The Three Kings"—Viennese Waltz Fantasia (Strauss and Sons).  
6.35—Edith Lorand Orchestra, "Tales of Hoffmann"—Fantasia (Offenbach). Dajos Bela Orchestra, "Narcissus" (Nevin). Frank Westfield's Orchestra, "Lilac Time—Selection" (Schubert-Berte). Pavillon Lescant Orchestra, "Drink, Brother, Drink—Waltz" (Bendix).  
6.54—Grand Symphony Orchestra, "Japanese Lantern Dance" (Yoshitomo).  
7.0—News and reports.  
7.30—Sports results.  
8.0—Chimes. Relay of programme from 4YA, Dunedin.  
10.0—Dance music.  
11.0—Close down.

### 4YA (650 Kc.)—SAT., APRIL 2.

3.0—Selected recordings.  
4.30—Sports results and close down.  
5.0—Children's Hour, conducted by Aunt Anita.  
6.0—Dinner music. Royal Opera Orchestra, "Sylvia Ballet—Pizzicato and Procession of Bacchus" (Delibes). New Light Symphony Orchestra, "Spanish Dance No. 1" (Moszkowski). John Barbirolli's Chamber Orchestra, "A Little Night Music"—Serenade (Mozart).  
6.24—Royal Opera Orchestra, "The Sleeping Beauty" (Tschalkowsky). Marek Weber and His Orchestra, "The Beggar Student"—Selection (Müllacker).  
6.36—H.M. Coldstream Guards Band, "La Fille de Madame Angot" Selection (Lecocq). New Light Symphony Orchestra, "Spanish Serenade" (Bizet). Marek Weber and His Orchestra, "Faust—Selection" (Gounod, arr. Weber).  
6.54—Royal Opera Orchestra, "Shepherd Fennel's Dance" (Balfour Gardner).  
7.0—News and reports.  
8.0—Chimes. Recording—Berlin State Opera Orchestra, "The Opera Ball" (Heuberger).  
8.9—Quartets—The Regal Four, two Voyagers' Songs, (1) "Canadian Boat Song" (Moore); (2) "Aloha Oe" (Trdtl.).  
8.16—Trio—Bellbird Hawaiian Trio, (a) "Sweet Jennie Lee" (Donaldson); (b) "Down the River of Golden Dreams" (Shilkret).  
8.24—Recording—Band of H.M. Grenadier Guards, "Trooping the Colours."  
8.31—Quartets—The Regal Four, (a) "The Star-Spangled Banner" (Trdtl.); (b) "British Grenadiers" (Trdtl.).

8.37—Xylophone—Mr. E. J. Andrews, (a) "Happy Gipsies" (arr. Pettitt); (b) "The Rosary" (Nevin, arr. Pettitt).  
8.44—Contralto—Miss B. Rawlinson, "Hine e Hine" (Te Rangī Pāi).  
8.47—Patter, song and dance—The Radiettes, "Let's Get Friendly" (Yellen).  
8.52—Trio—Bellbird Hawaiian Trio, "Down Hawaii Way" (Hampton).  
8.56—Quartet, The Regal Four, "The Old Oaken Bucket" (Kaillmark).  
9.0—Weather report and station notices.  
9.2—Recording, Savoy Orpheans, "Lido Lady" (Rodgers).  
9.9—Quartets, The Regal Four (1) "Stars of the Summer Night," (2) "How Can I Leave Thee?" (Cramer).  
9.15—Trio, Bellbird Hawaiian Trio, (a) "I Miss a Little Miss" (Coots); (b) "Carolina Moon" (Davis).



Nellie Lingard,

Contralto, who has appeared from 1YA almost from that station's inception. She will next be heard on April 9.

9.22—Recording, National Concert Band, (a) "A Hunting Scene" (Bucalossi); (b) "Patrol Comique" (Lake).  
9.27—Quartets, The Regal Four, (a) "Silver Threads Among the Gold" (Danks); (b) "Darling Nellie Gray" (Hanby).  
9.34—Xylophone, Mr. E. J. Andrews, (a) "Tinkle the Ivories" (arr. Pettitt); (b) "O Sole Mio" (Di Capua, arr. Pettitt).  
9.40—Patter, song and dance, The Radiettes, (a) "Yet" (Hulbert); (b) "You Call It Madness" (Conrad).  
9.47—Recording, humour, George Graves and Myles Clifton, "The Ole in the Road" ("Seamark").  
9.54—Quartet—The Regal Four, "Down Went McGinty" (Flynn).  
9.57—Trio—Bellbird Hawaiian Trio, "You Will Remember Vienna" (Romberg).  
10.0—Dance music.  
11.0—Close down.

### 2YB (1230 Kc.)—SAT., APRIL 2.

7.30 to 8.0—News and information.  
8.0 to 10.0—Studio concert.

## SUNDAY . . . [April 10]

### 1YA (875 Kc.)—SUN., APRIL 10.

2.0—Selected recordings, and Literary selection.

4.30—Close down.  
6.0—Children's song service, conducted by Uncle Leo.  
7.0—Relay of service from St. David's Church. Preacher: The Rev. W. Bower Black, LL.B. Organist: Mr. E. O. Craston.  
8.30—Relay from Albert Park of the Auckland Municipal Band concert. Conductor: Mr. Geo. Buckley. March The Band, "Our Fleet" (Safroni). Overture, The Band, "Raymond" (Thomas). Cornet, Messrs. F. Bowes (Thomas). Cornet duet, Messrs. F. Bowes and J. Davies, "Birds of the Forest" (Mayr). Selection, The Band, "Reminiscences of Sullivan" (Winterbottom). Piccolo, Mr. Hal C. McLennan, "La Touterella" (Camare). Suite, The Band, "Ballet Egyptian" (Luigini). Intermezzo, The Band, "Wedgwood Blue" (Ketelbey). Selection, The Band, "Tschakowsky's Works." Musical Idyll, The Band, "The Smithy in the Wood" (Michaelis). Hymn, The Band, "Come Ye Thankful People Come." March, The Band, "Ridgewood" (Plater). Selected recordings.  
10.0—Close down.

### 2YA (720 Kc.)—SUNDAY, APRIL 10.

2.0—Selected recordings.  
3.0—Relay from Town Hall of lecture by General E. J. Higgins, Salvation Army, "Salvation Army Activities." Hon. Sir Michael Myers, P.C., K.C.M.G., will preside. Their Excellencies The Governor-General and Lady Bledisloe will be present. A choir of 150 voices and the Salvation Army Band will render appropriate music.  
6.0—Children's Song Service, conducted by Uncle George, assisted by the Children's Choir from St. Matthew's Anglican Church.  
7.0—Relay of evening service from the Vivian Street Church of Christ. Preacher: Pastor W. G. Carpenter. Organist: Miss Hazel Hunter.  
8.15 (approx.)—Relay of Band Concert by the Royal Naval Volunteer Reserve Band from the De Luxe Theatre (Conductor—Mr. Harry Baker.)

### 3YA (980 Kc.)—SUN., APRIL 10.

2.0—Gramophone recital.  
4.30—Sports results and close down.  
5.30—Children's Song Service by the children of Trinity Congregational Church.  
6.15—Selected recordings.  
6.30—Relay of evening service from Trinity Congregational Church. Preacher, Rev. D. Gardner Miller. Organist, Mr. Len Boot. Choir conductor, Mr. Jas. Shaw.  
7.45—Selected recordings.  
8.15—Overture, Studio Orchestra (Harold Beck, conductor), "Alceste" (Gluck).  
8.22—Recording—Vocal, Winnie Melville and Derek Oldham, "Nocturne" (Chopin).  
8.26—Recording—Violin, Leo Chernavsky, "Pederewski's Minuet" (Paderewski-Kreisler).  
8.29—Mezzo-contralto, Mrs. Anita Ledsham, (a) "Song to Spring" (Wolf); (b) "May's Coming" (La Forge).  
8.34—Recording—Organ, Edward d'Evry, "Meditation" (d'Evry).  
8.38—Recording—Quartet: Hubert Eisdell, Hiddle Nash, Dennis Noble, Norman Allin, "I Know of Two Bright Eyes" (Clutsam).  
8.41—Tenor—Mr. Percy Nicholls, (a) "Non Plangere Liu" (Puccini); (b) "A Red Rosebud" (Murray Gibbs).

8.45—Piano—Miss Lucy Fullwood, with Studio Orchestra, "1st Movement of 2nd Concerto" (Rachmaninoff).

9.5—Weather forecast and station notices.

9.7—Recording—Debroy Somers Band, "Stealing Thro' the Classics" (The Masters).

9.15—Recording—Bass, Robert Easton, "Songs of Hybrias the Cretan" (Elliott).

9.19—Intermezzi—Studio Orchestra, (a) "Harvest Festival" (Ames), (b) "To a Wild Rose" (Macdowell), (c) "Minuet All Antico" (Karganoff).

9.27—Recording—Soprano, Gladys Moncrieff, "Farewell" (Fraser-Simson). 9.31—Recording—Cello—Gaspar Casado, "Butterflies" (Harty).

9.34—Mezzo-contralto—Mrs. Anita Ledsham, (a) "Under the Blossoming Trees" (Bobm), (b) "La Nuit" (Hahn).

9.40—Recording, piano—Jan Cherniavsky, "An Convent" (Borodine).

9.43—Tenor—Mr. Percy Nicholls, (a) "Nessum Dorma" (Puccini), (b) "Thou Art Passing Hence, My Brother" (Sullivan).

9.49—Instrumental—Studio String Quartet, "Canzona" (Hasse).

9.53—Recording—Quartet: Hubert Eisdell, Heddie Nash, Dennis Noble, Norman Allin, "Meet Me By Moonlight Alone" (Batten).

9.56—H. M. Grenadier Guards' Band, "The Rose" (arr. Myddleton).

10.4—Close down.

4YA (650 Kc.)—SUN., APRIL 2.

2.0—Selected recordings.

4.30—Close down.

5.30—Children's song service, conducted by Big Brother Bill.

6.15—Selected recordings.

6.30—Relay of evening church service from St. John's Anglican Church, Roslyn. Preacher, Ven. Archdeacon W. A. R. Fitchett, M.A. (Cantab.); choir-master, Mr. W. H. Allan.

7.45—Selected recordings.

8.15—Relay of concert from 3YA.

10.0—Close down.

2YB (1230 Kc.)—SUN., APRIL 10.

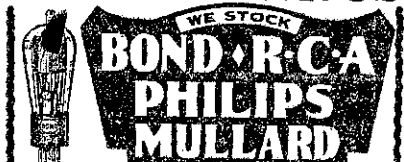
7.30 to 8.15—Church relay.

8.15 to 10.0—Studio concert.

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## PRIVATE STATION :: PROGRAMMES ::

### 1ZR, Auckland

— 1090 k.c., 275 m. —

MR. OWEN JENSEN, L.A.B., commenced his series of talks at 1ZR on Tuesday, March 22. The subject, "Instruments of the Orchestra," was capably handled in a precise and definite way which could be appreciated by anyone who listens to orchestral music. Mr. Jensen's demonstrations on the violin and 'cello illustrated the varied effects and tonal qualities of the instruments in legato, pizzicato, double stopping and various styles of bowing. The next talk will deal with viola, double bass, and string quartette.

A STUDIO sacred concert, held on Good Friday, arranged by Aunts Ruth and Nina, was an important event in broadcasting from 1ZR. The performers were all experienced radio artists well past the stage of microphone consciousness. Among the artists were the Moore sisters in violin and 'cello solos and trios, Mrs. Le Petit, Misses Ruth and Nina Scott, Messrs. J. F. Montague (elocution), Robert Gilbert Simmens (baritone), Eric Bell (pianist), and W. Rushen (siffleur). The items were well selected and in keeping with the Good Friday sentiment.

RECENTLY a speaker, Mr. J. G. Martin, dealt with the romance of petroleum at 1ZR. Had we been told that there was any romance in the subject it would have surprised us. Nevertheless, the story was one that for colour and interest reminded one of the good old days of the quest for gold. Like many commodities that we nowadays take for granted, the development of petroleum from the early stages of discovery and all the processes of improvement and marketing makes an undeniably interesting story.

### 1ZR Programmes

Friday, April 1.

10.30 a.m.: Devotional service, Uncle Scrim. 11.15: "Mensura"—"Numerology." 11.40: Popular music programme. 5 p.m.: Dinner music. 6: Children session—Fairy Princess and Uncle Kam. 7: Mr. Bill Hindman, "Sport." 9: Musical portrait series of descriptive talks by Miss Alice Law. Subject "Haydn—His Life and Music."

Saturday.

10.30 a.m.: Devotional service, Sister Rita. 10.45: Music. 1.30 p.m.: Close down. 5: Dinner music. 6: Children's session, Polly Widders. "Alice in Wonderland." "Jack the Giant-Killer." 7.15: Mr. W. A. Moore. "An Article from the Smalholder." 8: Popular programme. 10: Dance music. 11: Close down.

Sunday.

9 a.m.: Uncle Tom and his Children's Service. 9.45: Uncle Scrim conducting the Studio Church Service with 1ZR Broadcasting Choir under direction of J. Whitley McElwain.

6 p.m.: Music. 6.15: Miss Baker and Church of England Children's Service. 7: Relay of A. H. Dallimore's Mission Service from East Street Hall. 8.30: Studio standard classics. 9: "The Man Who Speaks." 9.30: Close down.

Monday.

10.30 a.m.: Devotional service, Mr. Garner. 11.15: "Maoriland"—"Tit-Bits." 11.40: Popular music programme. 5 p.m.: Dinner music. 6: Children's session, Goldilocks and Hoppy. 7: Music. 7.30: Close down.

Tuesday.

10.30 a.m.: Devotional service, Uncle Scrim. 11.15: Madame Milne, Diet and Health. 5 p.m.: Dinner music. 6: Children's session, Aunts Ruth and Nina and Uncle Scrim. 7.15: Mr. Owen Jensen, L.A.B., "Instruments of the Orchestra," viola and double bass and string quartette. 8: Popular programme.

Wednesday.

10.30 a.m.: Devotional service, Uncle Scrim. 11.15: Mr. C. Morris, president, Auckland Primary Schools' Association. 5 p.m.: Dinner music. 6: Children's session, Miss Muffett. 7.15: Rod Talbot, "Motoring." 8: Close down.

Thursday.

10.30 a.m.: Devotional service, Uncle Scrim. 11.15: Mr. W. J. Lyon, "Child Psychology." 5 p.m.: Dinner session. 6: Children's session. 8: Vacuum Oil Company's programme. 10: Dance session. 11: Close down.

### 2ZW, Wellington

—1120 k.c., 268 m.—

ON Sunday, April 3, a special session will be broadcast from station 2ZW from 8.30 to approximately 10 p.m. It will consist of Hebrew music, including traditional synagogue music, Hebrew grand opera and Yiddish folk song. The Rev. Mr. Kaiz, Rabbi of Wellington, will speak before this programme, giving a slight outline of Hebrew music and the special items included in the special session.

### 2ZW Programmes

Wednesday, March 23.

10.0: Devotional service. 10.15 to 11.45: Women's session, including daily Star Store cooking recipe. 11.45 to 12.0: Miscellaneous orchestral programme. 5-6: Children's hour (Lay Gay, Pat, Gloria and Uncle Toby). 7.0: After-dinner music. 7.15: Talk by W. E. Lavelle, A.N.Z.I.A., on Tendencies in the Design of the Modern Home. 8.0: Tabloid revue by Ipana Merry-makers. 9 to 10: All-British programme. 10-11: Dance music.

Thursday.

10.0: Devotional service. 10.15: Special women's session. 10.30-11.15: "Alice from Kirkcaldie land," a session for tiny tots—fairy stories, nursery rhymes, etc. 11.15-12: Fashion talks and music. 12-2: Miscellaneous orches-

tral programme. 3.0: Relay from Kirkcaldie and Stains' tearooms. 7.0: After-dinner music. 8.10: Kirkcaldie's studio concert. 10-11: Dance music.

Friday.

10.0: Devotional service. 10.15-12.0: Women's session. 12-2: Miscellaneous band and orchestral programme.

Saturday.

12.2: Miscellaneous band and orchestral programme. 7-8: After-dinner music. 8-10: Light popular programme. 10.12: Dance session, including relay from Majestic Lounge.

Sunday.

11.0: Devotional service. 6.30: Eventide music. 7.30: Relay of evening service from St. Paul's Pro-Cathedral. 8.0: Special session of Hebrew music.

Monday.

10.0: Devotional service. 10.15-11.45: Women's session (as on Wednesday). 11.45 to 2: Miscellaneous orchestral programme. 7.0: After-dinner music. 7.30: Weekly talk to motorists by Mr. Ernest Lewis, managing-director of Rover Motors Limited. 8.0: "Paint in Music and Story," by Lewis Berger and Sons' weekly tabloid revue. 10-11: Dance music.

Tuesday.

10.0: Devotional service. 10.15-11.0: Women's session. 11.0: "Diet and Health," a weekly talk by Mrs. D. W. Adamson, dietitian. 11.15-12: Miscellaneous orchestral programme. 7.0: After-dinner music. 8.0 to 9.0: Vacuum Oil Company's programme of Old-time melodies. 9-11: Dance programme by 2ZW's full dance orchestra.

## Children's Sessions

FROM 1YA.

Tuesday, April 5.—Uncle Dave present with puzzles and stories, cousins giving recitations and piano solos.

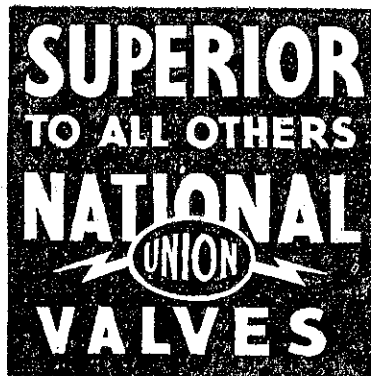
Wednesday.—Uncle Reg in charge, with his usual cheery choruses and songs, and children singing.

Thursday.—Stories from Skipper, and a varied musical programme from Madame Stock's pupils.

Friday.—The happy hour with Nod and Aunt Jean, cousins assisting with songs and recitations.

Saturday.—Listen in to Cinderella and Bouncing Tigger and see what surprises they have for you.

Sunday.—Children's Song Service conducted by Uncle Leo, assisted by (Continued overleaf.)



Green Lane Congregational Sunday School.

### FROM 2YA.

**Monday, April 4:** We are to have a delightful little cantata this evening called "The Lacemakers," which will be performed by the little people from Miss Seymour's Studio. The music will be supplied by little boys with mouth-organs. Uncle Jeff and Kipling Lady will be here to tell you fairy stories and send you greetings.

**Tuesday:** The Wellington College Boys will be in the Studio tonight to entertain you with chorus work, under the baton of Mr. Hislop. Jumbo will be here to greet them, so we who listen-in should all have some fun.

**Wednesday:** Aunt Daisy will have been to the Zoo to see what new stories Mr. Halligan has to tell about Nellie and the other animals. The "Cheerful Chirpers" will sing cheerful old songs. Birthday Greetings, of course.

**Thursday:** A special treat in store for you to-night. The boys from the Salvation Army Home, Eltham, are visiting the Capital City, and have promised to give you a programme this evening at the Children's Hour. There will be items by their brass band, chorus work and recitations. These boys know a lot about cricket and are real sports.

**Friday:** Tweedledum is bringing in a large party of little people from the Taita School, who have prepared a delightful programme for you with choruses, fun and frolic.

**Saturday:** There is a surprise party being brought to the Studio this evening, and every item is to be a surprise at Aunt Molly, Uncle Jasper, and the radioland children. It's no use trying to guess; everywhere Aunt Molly, Uncle Jasper and Spot have guessed has been wrong. Wait for 5.15 after the Birthdays.

## American Radio Programmes

### Advertising Increasing

IT is estimated by the chairman of the Radio Group of the New York Association of Advertising Agencies that from 10 per cent. to 15 per cent. of commercial programmes broadcast in America are given over to advertising announcements. The proportion of the time of individual programmes thus used is increasing—the result of economic conditions and the difficulties of manufacturers in selling their products.

Recent protests against this state of affairs include that of Commander J. W. Reeves, United States Navy, who, writing to the Inter-State Commerce Committee in charge of radio matters in the Senate, says: "The public is paying for entertainment, but not getting it. The public is paying for its receiving equipment, but, due to this advertising 'racket,' is prevented from using it. This state of affairs demands relief—not half-measures, but definite constructive relief. Public opinion is unwieldy and slow to move, but once aroused there is no question about the result."

# Malta—Its Hopes and Problems

(Continued from page 1.)

in Malta was Latin.

There are two classes of people in Malta. The upper class, who are descended from the Knights of St. John, have Norman, Spanish and Italian blood in their veins. As you know, the Knights of Malta came from all the Catholic countries of Europe to engage in the crusade with the object of wresting the Holy Land from the Turks. They based themselves first in Rhodes and other islands close to Palestine, but on being driven back by the Mohammedans, they established their stronghold at Malta and were never dislodged. The nobility of Malta (which is recognised by the British Crown) is largely descended from the families of the crusaders. The Maltese are, of course, largely Roman Catholic. The lower classes are a handsome race of men, Italian in appearance. During the long wars against the infidels the Knights of St. John refused to admit negroes to Malta, and so the Maltese have escaped that touch of negroid blood which is quite obvious amongst their neighbours, the people of Sicily.

Important catacombs in Malta—artificial caves of burial or refuge—and antiquities, have been dug up which prove the great age of the early settlement of the island. There are clear traces of the Phoenicians, those first navigators who moved off westward from the shores of Palestine, found their way through the Straits of Gibraltar and actually mined tin in Cornwall. Malta could not help being a depot of great importance as long as the centre of the world was in the Mediterranean. There was a Carthaginian garrison there during the war with Rome. It levied such heavy taxes upon the people that the Maltese betrayed the garrison to Rome. Just before Christ, Cicero was quaestor of Malta, and when he was sentenced to exile, he chose to go there to live. The Roman Publius was chief of Malta when St. Paul arrived there. He became the first Christian bishop of Malta. The Vandals and Goths, who overran the whole of western Europe in the Middle Ages, do not seem to have occupied Malta.

### Malta Becomes English.

It was in 1090, just after the conquest of England by William of Normandy, the Count Roger took Malta from the Arabs. It passed through various hands until in 1530 the Knights of St. John obtained their grant and established a sort of dynasty which lasted for 250 years. They had scarcely got settled down when the Sultan Selim made his great effort to dislodge them. The siege of Malta, which is the theme of many literary romances, began in May, 1565, and lasted for four months. It was fought most bitterly on both sides, and thousands of the Christians and Turks were killed. When finally the Turks were repulsed the Knights of St. John were at the pinnacle of their glory. And, as usually happens in such cases, their gradual decline began almost from that date. Still they were well able to defend themselves until the days of Napoleon. Here again it was Malta's

key position on a new commercial route to the East that decided its fate. When Napoleon was planning his thrust to the British Empire in India by way of Egypt, he made his first stop at Malta and took possession of the island without any resistance. The last of the Grand Masters of the Order of St. John was of German extraction. Napoleon did not stay in Malta, but passed on almost at once to Egypt and Syria.

This episode indicated the new importance of the islands, and Nelson, who was commanding in the Mediterranean, took it upon himself to assist the Maltese. At the peace of 1802 Malta was recovered from the French, but they were unable to fend for themselves, and finally at the peace of 1814 the islands passed to Great Britain.

### "An Expensive Colony."

For some decades after this Malta had no obvious importance. It was merely an expensive colony which the British taxpayer had to finance to put on its feet. The Knights of St. John had never favoured education for the masses. Indeed, they always kept themselves apart from the native Maltese, and there was no blood mixture. The turning point of Malta's importance came at the time of the Crimean war. Practically all the British and French troops for the Crimea went past Malta, and it became a key position again in the chain of military communications. From that time onward it has always been strongly fortified, and has had the character rather of a garrison than a colony. The fine harbour of Valetta was well equipped with dockyards for the British Navy, and the security of Malta was always jealously guarded, especially during the days of rivalry with France.

### The Language Problem.

THE troublesome political questions which have agitated the Maltese during the last fifty years arose chiefly from the language question. As I have said, the natives had a patios of their own. They had not been taught either English or Italian. The trouble came to a head in the early eighties, when an order was issued by the British Government that no Maltese sailors were to be enrolled in the Navy because they spoke a language which their officers could not understand.

This order brought to the front a very interesting character in Maltese history, the present Lord Strickland. Young Strickland was then a student at Trinity College, Cambridge. He was born in Malta, his father being a British naval officer, and his mother a lady of the Maltese nobility, the heiress of Sir Nicholas Bologna. When young Strickland read of the prohibition against Maltese seamen in the British Navy he started from his college in Cambridge an agitation in the London "Times" which brought the whole question into the foreground. He loudly demanded equality of rights for Maltese and English, and while still an undergraduate at Cambridge, he was elected to the Legislative Council of Malta. (Many years member of H.C. and Malta L.C.). This was the

beginning of a long fight for the rights of the rank and file of the Maltese people.

In the early days of the British colony an attempt had been made to convert the native patios into a literary language by adapting the Arabic characters. Finally one of the leading native administrators, Savona, had the courage to advocate the teaching of English straight out. It was firmly opposed by a small but influential minority who were in favour of Italian. Strickland afterwards came into office in Malta himself. He began his reform by teaching the young Maltese in the first instance to read and write in their own tongue, and to choose later whether they would learn English or Italian as a second language. Before long, in spite of pro-Italian agitation, 89 per cent. of the parents wanted their children to learn English. It is curious that this matter of language should thus have become the main ground of the fight that has raged in Malta for fifty years.

### Responsible Government.

ABOUT ten years ago a new constitution was given to Malta which allowed them more of what we call responsible government. At this time English was declared to be the official language, though Italian was still recognised as one of the languages of culture. The economic condition of Malta was gravely affected by the reduction of naval and military expenditure, and a constant emigration of surplus population seems now to be necessary. This distress has contributed to the troubles of the last few years, which culminated in the suspension of the constitution two years ago. Since then a Royal Commission has inquired into the affairs of Malta, and it is now announced that its recommendations will in general be adopted. Incidentally it is decided, in the interest of the Maltese and of education in Malta, that in future English will be the only language taught in the elementary schools besides the vernacular Maltese.

Thus we find in Malta:

- (1) A small island whose only importance is its position.
- (2) A congested population which must find an outlet of sea.
- (3) Hopeful emigrants forbidden to leave because they cannot speak English.

It is a strange conflict of economic distress and exaggerated nationalism.

### Barriers to Immigration.

BEFORE the war there was no trouble about surplus population because in those days anybody could go where he liked. But, after the war, quite suddenly barriers were raised in all the new countries against a certain type of immigrant. Competent as the Maltese were, they lacked the sort of training that America and Australia and Canada wanted. Above all 90 per cent. of the people of Malta were illiterate. The rejection of these unfortunates by immigration countries "opened the eyes of the Maltese to the shame and reproach of illiteracy." The Government then ignored all opposition and courageously went ahead and established night schools for the express purpose of educating those who wished to emigrate. There was a scramble of young men and women to attend them.



## Short-wave News

## Shortwave Stations in Java.

A CORRESPONDENT recently received the following from Java.—We wish to acknowledge receipt and thank you for your report concerning our broadcasting. We transmit every Tuesday with the transmitter PLE, 15.93 metres, and if possible with PLV, 31.85 metres, and PMY, 58.3 metres, between 13.40 and 15.40 G.M.T. (Wednesday, 1.10 a.m. to 3.10 a.m. N.Z. standard time).

Some of our important crystal controlled telephony transmitters are as follows:—

PMB, 14.60 metres, 20530 kc., power 60 kw.

PLE, 15.93 metres, 18821 kc., power 60 kw.

PMC, 16.56 metres, 18115 kc., power 60 kw.

PLV, 31.86 metres, 9415 kc., power 60 kw.

PMY, 58.3 metres, 5145 kc., power 2kw.

## RV15, Siberia.

RV15 has been heard during the morning from 7.30 a.m. to 8 a.m., broadcasting physical exercises and orchestral music.

## Community Singing From the Bowery.

W2XAF, Schenectady, at 3 p.m. on Tuesday last, announced that they were "going over to the old Bowery Den, under the sidewalks of east New York." Readability was poor on account of gushiness, but it appears that there was a gathering of "down and outs" in this den, where visitors talked to them and led them in community singing.

## Phat Lap's Race.

UNTIL noon on Monday, the short-wave station broadcasting a description of the race was not known. The time of the race also was in doubt. About midday I was advised that KEL, Bolinas, California, on 21.8 metres, was describing the race, so no time was lost in tuning to this station, but, except for odd words, very little was heard. Talk for Australia, with Phar Lap's name mentioned quite a lot, and something about the course, was about all that was heard.

## Log for Week Ending March 26

RECEPTION is very patchy, no two days the same. Some stations have come in at good strength one day, and the next very poor.

RV15, Siberia, 70.1 m.—Nearly always

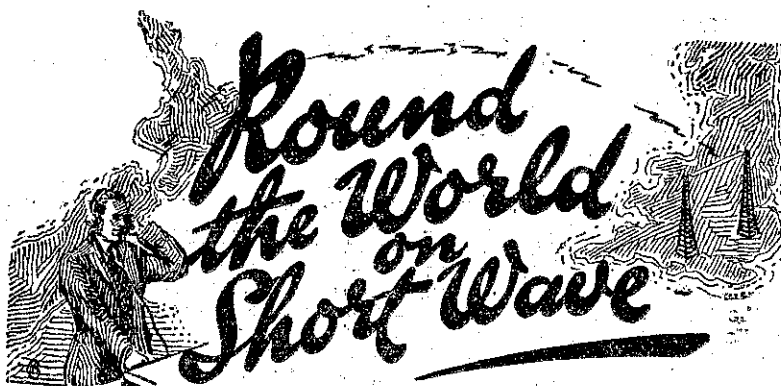
Some Things are Not Seen, but Hearing Makes Them So. Particularly is this so when your set has been serviced by MACK'S. It's that Difference that Counts. So See that Your Set is Serviced by

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THIS page is conducted in the interests of shortwave enthusiasts. A weekly log comprising notes of reception and interesting topical events is contributed by Mr. F. W. Sellens, Northland, Wellington, but all listeners are invited to send in paragraphs of general interest.

there with a strong signal after about 8 p.m.

PMY, Java, 58.3 m.—Wednesday, 11.45 p.m., singing at R5, with medium static. Saturday, a little later in the evening, R4, severe fading.

VK3LR, Melbourne, 51.72 m.—Wednesday, relaying the news session from 3AR at 11.50 p.m. 8LR closed at 11.55 p.m., giving his frequency as 5800 kilocycles (51.72 m.). Volume was R8-9; the news was 100 per cent. readable, but talk from 3LR direct was not quite as clear.

RV59, Moscow, 50 m.—Each morning about R5 at 7 a.m., dying out about 8 a.m. Saturday midnight, R6 with talk.

W9XE, Chicago, 49.83 m.—Tuesday, R9 at 5.30 p.m. R8 at the same time on Saturday.

ZL2ZX, Wellington, 49.5 m.—Monday, Wednesday, Thursday and Saturday from 7 p.m.

W8XAL, Cincinnati, 49.5 m.—Only heard on Monday. R8 at 5.30 p.m. with a very noisy background.

VOR2, Vienna, 49.4 m.—Just audible on Tuesday morning at 7 a.m.

W8XAL, Boundbrook, 49.13 m.—Usually good volume till 5.30 p.m., but on Tuesday they were better than ever at 5 p.m., being full speaker strength, with one stage of audio. They went off a little by 5.30 p.m., when they closed.

W2XE, New York, 49.02 m.—Tuesday, 5.30 at 5 p.m., increasing to R7 by 5.30 p.m., but the noise level became very bad. Saturday, about the same.

F31CD, Saigon, 49 m.—Still comes in good from 11 p.m.

Moscow, 46.6 m.—Heard for the first time for several weeks on Thursday, at 7 a.m., when talk was R4, quality being poor.

Radio Maroc, Rabat, 32.26 metres.—Monday, 9 a.m., very gushy at R5.

W2XAD, Schenectady, 32 metres (about).—Saturday, at 11.30 p.m., records at R9, noisy and distorted at times. Later, they called, "This is 2XAD, calling PCD, Holland." They continued with records and calling Holland till midnight, without any success. They closed down about this time.

VK3ME, Melbourne, 31.55 metres.—Saturday, R9 at 10 p.m., with very severe fading.

W2XAF, Schenectady, 31.48 metres.—Monday morning at 9.15 a.m., R5, fading out soon after. Audible again in the afternoon, reaching R8-9 by 3.45 p.m., when they signed off. Other afternoons they sign off about 3.30 p.m.

Zeesen, Germany, 31.38 metres.—Wednesday was the only morning they were good. R8 at 7 a.m., with orchestral music. Weaker and gushy one hour later. Wednesday and Thursday nights, after midnight, R6-7; very gushy.

W1XAZ, Springfield, 31.35 metres.—Monday morning 9.15 a.m., R3; soon fades out. Back again about 3 p.m., reaching R8-9 by 4 p.m. Wednesday afternoon, messages for the Far North from 3.45 p.m., R8. Tuesday and Saturday from 11.30 p.m., their early morning session, R8.

VK2ME, Sydney, 31.28 metres.—Sunday evening, maximum volume with one stage of audio. Signs off at 7.30 p.m.

EAQ, Madrid, 30.4 metres.—R8-9 at 9.30 a.m. on Sunday, with selections from Spanish opera (this was announced in English). At 10 a.m. signals were a little weaker, but too noisy for further listening.

FYA, Paris, 25.63 metres.—"Radio Colonial" is improving on this wavelength. On Monday I held them nearly all through their programme. Commenced at 8.30 a.m., R5. At 9.10 a.m. news in English was heard, still R5. They reached R7 by 10.30 a.m. and continued at that till closing at 11.27 a.m. Just prior to closing, after some French talk in English they asked for reports on the transmission to be addressed to 103 Rue de Grenelle, Paris.

G5SW, Chelmsford, 25.53 metres.—Poor each morning. Thursday was better, R9 by 8.30 a.m., but spoilt by rapid fade. The time signal was heard at 8.30 a.m. Volume went off again after 9 a.m. Wednesday was the best

for night reception. Opened at 12 p.m. (midnight), readability about 20 per cent., but increased to 90 per cent. in a few minutes. Most of the items of news were clearly readable. An orchestra was broadcast from 12.12 a.m.

12RO, Rome, 25.4 metres.—Reception has varied from bad to excellent during the week. Monday, Tuesday, and Thursday at 6.45 a.m., Rome was excellent for a time, going off later.

WSXK, Pittsburgh, 25.25 metres.—Friday only, and then very weak at 8.45 a.m.

FYA, Paris, 25.2 metres.—Tuesday, 6.45 a.m., R8, spoilt by Morse QRM. Thursday, only R4 at the same time and about the same on Saturday.

KEL, Bolinas, 21.8 metres.—Monday midday, R3 with a description of the race in which Phar Lap ran.

FYA, Paris, 19.68 metres.—This station is going off again now. Wednesday night, 12.30 a.m., only R2-3. The same time Saturday night they were not audible.

## Short-Wave Club Notes

## From the Secretary's Pen

THE next meeting of the Wellington branch will be held in Nimmo's Concert Hall on Thursday, March 31. All interested in radio are invited to attend.

It is probable that experiments will shortly be undertaken between the amateurs and short-wave listeners with ultra-short waves.

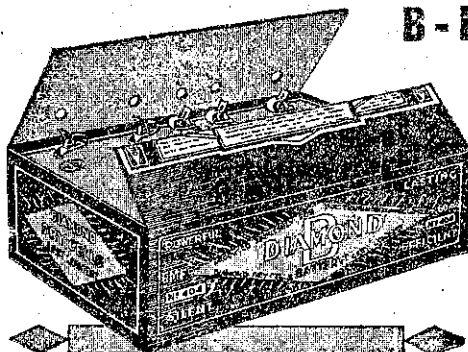
Mr. A. F. Glendhill, NZ14C—ZL3FZ, has volunteered to read out slow Morse in Christchurch for the benefit of learners. The schedule is between 1 and 2 p.m. on Sundays, and the station will operate at the top of the 80 metre band.

A number of useful suggestions are to hand from members. One is that of a "Heard all Continents Club" with appropriate certificate. Another is a "Black List." The latter, I think, would be a welcome idea to many as it would show just who collects unused postage stamps for a hobby.

There is still room for the experimenter, not in designing freak circuits, because we already have all kinds of circuits designed by men who know their business, but in designing slow moving dials, etc. There is an industry, also, which might be developed, and that is in batteries. At present, wet batteries are not too plentiful, but, speaking to a dealer recently, I was informed that, if there was a demand, his firm would cable for supplies.

I am now enrolling members for our second year. Annual subscription is 5/-, boys 16 and under as juniors 2/6. My address is A. B. McDonagh, Secretary N.Z. Short Wave Club, 4 Queen Street, Wellington.

## THE NEW DIAMOND B-BATTERIES



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# OF FEMININE INTEREST

By "Patricia"

NOW that the Radio Board is taking a questionnaire of all listeners, it is to be hoped our women readers will express their views on what they require in the way of programmes and at what hours they can get most benefit. For instance, are we making the most of our morning hours, and do we want more talks, on what subjects, and when? Most women have got through the greater part of their household duties by 10.30 a.m. and are ready for a cup of tea. That would seem a good time to listen-in to lecturettes giving the instructive information that can be put over the air. I have heard some say that they have derived much help from the talks on cookery, interior decoration, and the health. What a boon is wireless to the mother of today. She has a much less anxious time over her children's many ailments than did her grandmother. Some use is now made of these morning hours, but could not that phase be developed more fully by more subjects being treated and over a longer period? Many of my friends say they would like more morning talks.

THEN the question arises, Are we or are we not getting too much music? Sitting near two women in a tram one day, I heard them discussing the merits and demerits of the various broadcasting stations, but from their conversation I gathered that they and many of their friends liked music as a background while busy with their housework, especially bright and stirring music. "It made them feel more cheerful and work with more spirit." If we have music all the time, what effect has that upon our discrimination?

I FOUND Captain Galloway's informative lecture on light therapy from 2YA on Monday morning, the 21st, most interesting and listeners would be well advised to tune in for further talks of this series. His remarks, too, on the activities of the Junior Red Cross in different parts of the world were instructive as to the good the enthusiastic members of this organisation were able to do. For instance, in Australia, through their efforts the treatment of six cases of infantile paralysis were successful. This should be an incentive to those corporate-minded to actively assist in the good work.

A WEEKLY talk on "Diet and Health" has been arranged from 2ZW on Tuesday mornings at 11 o'clock. I listened the other morning when Mrs. D. W. Adamson, who is giving this series, spoke on milk and its health-giving properties. She emphasised its value to adults as well as to children. It is rather curious that New Zealand, which is famous for its dairy industry, has a lower consumption of milk per head than such a country as the United States, or even, I believe, Great Bri-

tain. Many farmers, probably because they are handling milk, do not make as much use of it as they could and should in their domestic life. Advocacy by Mrs. Adamson of the more generous use of milk is, therefore, timely, and should fall upon favourable ground. Many experiments upon school children are available for emphasising the value of milk, and I am sure those who listened to her appreciated her message and will look as eagerly as I do myself for her further talk. On Tuesday, the 28th, she spoke on calcium, the bone builder, and in further talks will discourse upon other aspects of health. Mrs. Adamson is a clear speaker.

ON Tuesday evening, the 22nd, I enjoyed a talk from 4QG, Brisbane, by Lady McCartney, a prominent figure in the Girl Guide movement, and Com-

missioner for the State of Queensland. Lady McCartney has just returned to Australia from a prolonged visit to the Home Country, and gave a resume of her activities in connection with the guides in England. She also spoke of the visits of her Majesty and the Princess Royal to headquarters, and how interested they were in the new building which has just been erected. Her Majesty made a thorough inspection of the rooms, cupboards, etc., and showed great pleasure in the way everything was conducted. Princess Royal, Lady McCartney says, is quite at home with her guides, and immensely enjoys an alfresco meal with them. The speaker also said that overseas guides who intend to visit London will receive a cordial welcome from headquarters, and should send word of their forthcoming arrival in good time in order that ar-

rangements may be made for their attendance at any function that may be on. Lady McCartney then conveyed a special message direct from the Chief Guide, Lady Baden-Powell, to the guides and brownies of Queensland, which expressed her keen satisfaction in the work that was being done there, especially the joining up of the 800 recruits last year. Both Lord and Lady Powell wished them every success and hoped that they would serve God, be good citizens, and help in every possible way all those who were in need of assistance.

BIRMINGHAM—always to the front in educational innovation—has developed an interesting system of training its elementary schoolgirls. The Education Committee rents certain houses all over the city, furnishes them as ordinary houses, and sends a small group of thirteen-year-old girls every day to the house in their district. An instructress is in charge. She opens up the house at 8.45 a.m., tumbles the beds so that they appear to have been slept in; in short, reduces the bedrooms to their usual state at this hour in a normal household. The children arrive, and the morning is given over to domestic work under the guidance of an expert in method.

CACTUS green, love-in-the-mist blue, and chestnut bronze are some of the new colours of rich British velvets. These artistic velvets are of uncrushable artificial silk and almost indistinguishable from real silk. The successful vogue for velvet will undoubtedly be prolonged by these beautiful new fabrics.

LOVERS of intrigue, excitement and adventure will find all they require in Mr. Russel Warren's new book, "Princess Proxy" (Ward, Lock and Co.). Silvia Savile, the daughter of a Karolian Prince by a morganatic marriage, journeys from England to seek assistance from Radtzko, a friend of her dead father. She is induced to go through a proxy marriage for the Princess Sophie of Karolia, and the dangers and adventures that arise from this incident make a thrilling and absorbing story.

WOMEN have a way of making apparently infinitesimal sacrifices on a thousand things, and these mount up to a very appreciable whole. They also have a way of robbing "Peter to pay Paul," a practice which is not nearly so reprehensible from an economic point of view as it may sound when dissected by the masculine mind. Now that economy is so essential I am confident that the majority of women will tackle the household budget in an unspectacular manner, which will bring them no personal glory, but the satisfaction of having done their bit—in bits.

## Hints for the Housewife

A FUNNEL for pouring ink, oil or other liquids into a narrow-necked bottle can be made in a moment by merely boring a hole in the pointed end of an egg shell. Make the hole with a large darning needle, using a circular motion, and the shell will not crack.

CRUSHED egg shells added to warm, soapy water, are excellent aids for cleansing the inside of bottles and vinegar cruets. Thoroughly shake and then rinse with cold, clean water.

FRENCH chalk is invaluable for cleaning a variety of feminine accessories. Soiled felt hats, light suede gloves, and bags, if covered with it and left wrapped in tissue paper overnight will be vastly freshened and renewed when the chalk is brushed off.

WHEN the screw which secures the knob of a drawer or cupboard refuses to grip it can be made tight in a moment by first putting a small piece of chamois-leather between screw and wood and screwing in again.

A CREASED velvet dress will be very considerably improved by hanging it in the bathroom while the bath is filled with hot water. The steam will work wonders with the creases.

YOU will find that suet puddings are lighter if mixed with warm water instead of cold.

TO avoid artichokes being sodden and unappetising when served with white sauce, drain the artichokes, dust over with salt, and place in a gentle heat until all moisture is removed. Pour the sauce over when they are dry and very hot.

WOVEN artificial silk or woollen garments keep their shape better if laid flat while drying. At the same time they should get plenty of air. Peg a strong sheet between two lines so that it is well stretched out, and lay the garments on it.

GLOVES of light kid can be cleaned with milk and soft soap. Lay the gloves on a clean piece of cloth and sponge them with a soft rag dipped in the mixture, rinsing frequently. Work down toward the finger tips, stretch into shape, and lay out flat to dry without rinsing.

SCISSORS may be sharpened by running the blades across the neck of a bottle with the same action as that of cutting cloth. Do it lightly and evenly.

AFTER handling fish, peeling onions, or other vegetables which leave an unpleasant odour, always wash the hands and utensils in cold water immediately. If the mistake is made of using warm water first, it opens the pores, softens the skin, and the smell remains for days in spite of all the cold water that may be used afterwards.

A GOOD way to keep salt in salt-cellar dry even during the dampest weather is to put a clean piece of white blotting paper at the bottom of the salt-cellar, shaped exactly to fit, and this absorbs all the moisture.

WOMEN who spend much time in the open air in all weathers will find the following recipe of great help in keeping the skin from getting that coarse and leathery appearance. Make a mask of oatmeal and white of egg. The oatmeal will soften and the white of egg bleach. Then follow up with a vigorous application of skin food.

# ... With ... BOOK and VERSE

By "John O'Dreams"

## Book Notes

FROM Ward, Lock and Co., Limited (London and Melbourne), come three novels, diverse as the poles in manner and matter. First in merit, from the point of literary distinction, is Mr. Stephen McKenna's "Pandora's Box and Other Stories." This is a collection of what may be termed social impressions, and is worthy of the creator of the incomparable Sonia, who crashed her way to recognition far back in the war years, and won for Mr. McKenna considerable literary eclat. Since then this author has to his credit much accomplished achievement. In his last volume he triumphantly proves his prowess in what to the English writer is the difficult form of the short story. The tales in the collection vary in quality, and are mostly subtle and skilled analyses of episodes and characterisations of that rippant and frothy section of society once known as the smart set. But Mr. McKenna does not confine his attention to one section of the great world, and is equally at home when he traces the decay of a great English family or the evolution of a pillar of the State. He has the true touch, the light hand, and with practised skill arouses interest in such diverse studies as blackmailing as a fine art or a slyly humorous study of "The Typical Heroine." Perhaps the best sketch in the book is a dialogue at a polo match at Hurlingham, which dissects and exposes the machinations and defeated ambitions of a social climber, this brilliantly etched and inexorable study of a type being a small masterpiece of truth to type and economy of expression.

Far indeed from subtlety of method, but extremely entertaining in its genre, is "The Yellow Wagon," by Charman Edwards. This engrossing tale is frankly melodramatic in quality, and concerns a wild Irish girl who spends her childhood's years in the sordid, bohemian and shifting environment of an old-time travelling theatre. After various vicissitudes, the charming and forceful Sheila forges ahead to fame and fortune. "The Yellow Waggon," tells the tale of that difficult passage to a place in the sun, her rapprochement with the true-hearted Owen, "freckled, ailing and insignificant," but "dear to his friends." From him she was parted for long years, is seduced by the egregious Houston, whom eventually she marries. However loyalty, self-sacrifice, invincible attraction win the day, and all ends happily, though much water flows under the bridges before that desirable conclusion is reached. Battle, murder, and sudden death are rampant, and interest does not flag, the book being well worth while, if only (Continued on fourth column.)

## Prize Poem Competition

THE prize of half a guinea in the current competition is awarded to V.S.J. for "Flight of a Song," which is of notably poetic and imaginative quality. Amid the many interesting contributions submitted during the past fortnight, we select for special commendation "The Echo," which in tender gracefulness and increasingly sure technique is the best work yet sent in by "Merrie."

A correspondent asks that occasionally a set subject be chosen for the Poetry Competition. We fall in with this idea to the extent of suggesting that for the next competition, in a fortnight's time, the Bells of Remembrance of Wellington's War Memorial, to be heard for the first time next month, might serve as inspiration, but if competitors prefer to choose their own subject they are at liberty to do so.

"B.A.P.": Your beautiful little poem is held for further consideration.

"Moon's Lover": A graceful effort, and our favourite of three very charming contributions.

"A.J.R.": Thanks for forwarding the musical and haunting "Pool."

"Evening in the Garden" is very good indeed, with felicitous expression and admirable rhythmic sense. We regret that space limits preclude publication.

"Felix": Your poem reminds us of Olive Schreiner's definition of life: A striving and a striving, all ending in nothing.

"Novice" sends a prattling poem about "green valley and hill," but much, much study of word and phrase is necessary before "Novice" becomes even a very minor poet.

"Geraint": Your wistful poem quite excellent in its genre.

"Beyond the Blue" exhibits its author's usual verbal slickness, but rather halts in the last line.

"Felix's" lyrical outburst signifies little, if anything.

"Peri": Eccentricity run riot.

## Flight of a Song

No song so sweet as that you sang last night,  
Enriched and perfumed with the breath of flowers  
Baptised with dew . . . . .  
Wind-rafted strains of melody took flight,  
Their sweetness grew,  
And moonbeams nestling 'mid the leafy bowers  
Caressed the harmony.  
Then higher, higher, rose that bland refrain,  
The wind sighed suddenly in sympathy,  
Bearing the song on, on, from foam to foam  
Of suddenly enruffled sea.  
Far sped the sweet nocturnal melody,  
Mingling with sounds of distant tumbling waves . . . .  
The breeze to open lattice bore each strain  
Of ballad, blended sweetly with a throng  
Of mystic beauties in the moonlit glow . . . . .  
Amid the quietude of gloam  
I sat enraptured . . . . .  
Then came a hush, the zephyr stilled . . . . and lo!  
The evanescence of a song.

—V.S.J.

for the sake of that delightful old vagabond and toper, Terry Fitzpatrick.

The third of Messrs. Ward, Lock and Co.'s publications is "The Pitiful Lady," by the late Katharine Tynan, poet and novelist, who will dwell long in the memories of lovers of literature, more perhaps for the haunting charm of her verses than for conspicuous ability as a novelist. Nevertheless she has written some entertaining tales that have pleased a wide circle of novel-readers, and this posthumous story from the versatile Irish writer is quite up to standard. It is the story of a beguiling maiden, who, unknown to herself, has a "long pedigree" but very few of the world's goods. Nancy, however, has captivating ways and speedily finds friends. A friend of all waifs and strays, human and canine, she embraces the profession of a veterinarian, in order that she may extend her love and help to the four-footed creation. Many a lame dog is helped over the stile, although the delightful Nancy is not so engrossed in her calling that she is unaware of the world of romance, into which she strays by an unexpected bypath of the world's ways. In the sphere of domesticity and simplicity of not too impetuous emotion, this pleasant tale of two pairs of lovers may be recommended for its naive charm and obvious delight in man's faithful four-footed friends.

"PLATO'S BRITANNIA," by Douglas Woodruff (Sheed and Ward, London), is an erudite, vivaciously-written chronicle, which discourses tangentially, and with considerable wit and wisdom, upon the British Empire, its present and future, its ways and works. Old Socrates revivifies a distracted world, and with illuminating and caustic comment to inquisitive coterie sheds fresh light on some of the problems that beset our country.

Many aspects of English contemporary life come under revealing scrutiny, ranging from impressions of a Greek visitor at Oxford and Cambridge Universities to a dissertation on the Yorkshire dialect and a digression concerning the definition of a much-abused word. "A gentleman," decrees Socrates up to date, "is one who, having power, is pleased to use it sparingly, and it is an Englishman's idea of himself. It is an ideal wholly concerned with social life and a man's relations to his fellows, and one which they are convinced needs money for complete fulfilment, so that they consider the possession of money the larger part of virtue." Mr. Woodruff's amusing volumes, illuminating, didactic, and compact of an ironic humour, is recommended for catholicity and clarity of its summarised conclusions.

# SOMETHING NEW

## THE

### N. Z.

# Radio Times

## FIRST NUMBER READY

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