

PUBLISHED WEEKLY

THE RADIO RECORD



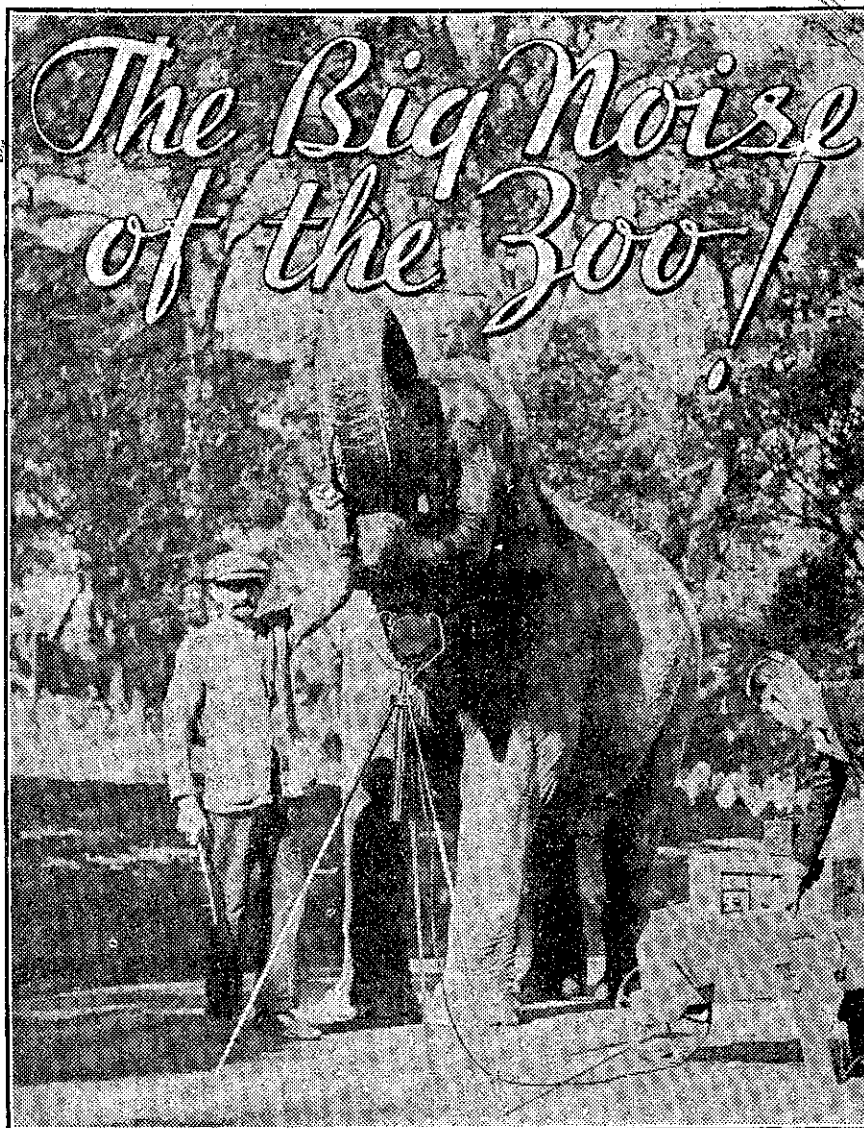
Vol VI., No. 14.

WELLINGTON, FRIDAY, OCTOBER 14, 1932

Price 3d.

A number of fascinating discoveries have been recently made in connection with noise abatement, when the cries of various wild beasts and birds were electrically measured. In making these measurements a microphone was connected with a specially constructed amplifier which converted vibrations of sound into fluctuations of current and passed them to a carefully adjusted meter.

It was found that Nature, in giving voice to the wild, has acted in a strangely haphazard manner. Animals of close resemblance and very much the same habits were found to differ greatly, yet such a strangely assorted trio as the elephant, ostrich and lion all had to a remarkable extent a very similar roar.



Animals, when confronted with a microphone react strangely, according to their kind. The apes displayed a childlike curiosity and wanted to handle and play with it. The carnivora—lions, tigers and bears—contented themselves with one suspicious sniff and then majestically ignored the apparatus.

The birds did not pay the slightest attention, neither did the elephant, which assumed a very natural air of utter boredom. Miles ahead of his competitors, the elephant is undoubtedly the big noise of the jungle. He roars louder and much more harshly than a lion (his nearest competitor) trumpets, squeals like a pup, and whistles like a locomotive.

—Courtesy "Phillips Lamps."

DX Stationery Reduced

DX Q.S.L. FORMS
(Envelope combination.)

Makes sending for reports easy. Simply fold along dotted lines. No envelope required. The very latest, at specially reduced price, 2/- for 50.

ENVELOPES.

We now have ready a quantity of beautifully embossed DX envelopes. The Club colours are used, and an effect of prestige will be added to all communications placed in these envelopes. Price, 2/6 per hundred, post free.

LOG BOOK.

Forty pages of specially ruled paper for entering stations as they are received. Instructions for logging stations, abbreviations, etc. Well bound. 1/1 each posted. Every dxer should have one.

RADIO CALL BOOK.

This is something new—an up-to-the-minute list of all stations likely to be heard in New Zealand. Just what the dxer needs. Issued every three months, 9d. a copy.

DX STICKERS.

Exact replicas of the Club Badge done in two colours on gummed paper. Will stick to anything. Attach them to your letters, envelopes, etc. Reduced Price: 2/- a hundred.

DX NOTEPAPER.

This specially headed, good quality, linen paper is neatly put up in pads of 50 ruled pages. Price: Only 1/8 posted.

DX BADGES.

Small size now available. Brooch, stud or pin, 1/9 posted.

**THE NEW ZEALAND
RADIO RECORD**
P.O. Box 1032, Wellington

RADIO Round the World

THE maximum power allowed by the Federal Radio Commission of U.S.A. is 50 k.w., and very many stations have made application for this limit in advising the Commission that they are desirous of building new plants. Experimental stations with permits to increase power to 500 k.w. have been licensed, but the excess of stations in the country seems to urge the necessity of keeping power below that of the super-stations of Europe.

A FORM of broadcasting conscription is proposed in a Bill to be introduced in the Icelandic Parliament. Every civil servant will be required to give radio service during two months of the year. He may be required to serve in a variety of ways, one of them being to deliver lectures before the microphone without payment. Travelling expenses only will be allowed.

AMERICA'S claim to have the tallest mast used exclusively for broadcasting (Eiffel Tower is used for other purposes), is to be contested. WSL, Nashville, has one mast 878 feet high, but it is stated that Nanen will have two masts, each 880 feet high.

A NEW type of aerial has been adopted with Brosnan's new transmitter. Its shape differing considerably from the usual equipment. It is claimed that the new aerial has the advantage of creating greater field intensives, and that the nearest fading zone occurs at a greater distance, which means that a larger area is served by the surface wave.

SMALL regional radio exhibitions are to be organised in Switzerland during the winter in place of the usual national exhibition. By this arrangement it is believed that more enthusiasts may be able to become acquainted with the latest developments in radio.

A RECENT decree issued by the Eastern Inter-Collegiate Association is causing some concern among radio listeners in the U.S.A. Harvard, Yale and other universities have intimated that during the coming season they will not permit the broadcasting commentaries from their football games, as they have definite proof that broadcasting reduces gate money.

EIGHT years ago Mr. A. W. Macnamara began to manufacture radio parts, with a capital of £50, in a shop with a weekly rent of seven shillings and sixpence. He recently handed the Mayor of Birmingham a cheque for £25,000 for the Birmingham General Hospital. As a boy Mr. Macnamara sold papers in the streets, and at one time had to undergo a serious operation. He was so grateful for the care and attention shown him that he vowed he would one day repay the debt he owed to the hospital authorities, and the gift redeems his early pledge.

AN "Anti-Static Congress" in Paris is drafting a parliamentary Bill for the suppression of electrical interference with broadcast reception. Representatives of radio clubs, leading technicians, and legal authorities were invited to attend, and mayors and councillors were asked to report upon the prevalence of interference in their different districts.

RADIO servicemen in Latin America often take on strange commissions. Recently a coffee planter near the Mexican border offered a fee of fifty dollars and four days' aeroplane travelling expenses, to a technician, to examine his receiver. A fifty cent resistor cured the trouble. Another urgent call necessitated two days' journey through the jungle on a mule, to replace a valve that had worked loose in its socket.

VERY soon after landing in an Italian village Professor Piccard, who recently explored the stratosphere, was approached by the broadcasting authorities to go on the air, and give a brief account of his experience. This he did and his address was relayed to all the chief Italian stations and rebroadcast throughout America by the N.B.C. chain. The professor confined his talk to generalities, which many listeners say were extremely interesting, as he was under contract to a Scandinavian organisation for a full report on the scientific side of his adventure.

A WIRELESS pirate in Lancashire recently brought forward a new excuse to the magistrate, when he was proceeded against for failing to obtain a license. The pirate asserted he had been waiting for the Post Office collector to call.

THE Spanish Government, which recently granted home rule to Catalonia is in conflict with that province over broadcasting matters. Catalonia demands a 100 kw. transmitter, and treats with contempt the 20 kw. station proposed in the national Spanish scheme. In the meantime contracts are being withheld and the regional system development is being held up.

FRENCH colonial broadcasting suffers from the circumlocutory methods of many Government departments. The Colonial short-wave station officials in Paris required a map of Western Africa, and asked for it in a letter addressed to the West African Office in the Palais Royal in Paris. A formal reply was received stating that the request was being transmitted to the Governor of Dakar.

AN American amateur, Mr. F. F. Purdy, of Tennessee, claims to have established in three years nearly 18,000 two-way contacts with other amateurs in different parts of the world. This constitutes a record of about 17 contacts averaged each day for the period.

TANNHAUSER



The story of "Tannhäuser" tells of conflict between two kinds of love: true love of the highest human kind as distinguished from mere sensuous passion, and relates how the higher and purer love triumphed in the end.

Tannhäuser and Venus.

TO many persons "Tannhäuser," which will be performed by the Royal Christchurch Musical Society on Thursday, October 20, and broadcast on relay by 3YA is the greatest of all operas. It represents a period in Wagner's life before he had abandoned the opera-form for the music-drama. Its music is of noble character throughout.

It does not, like the "Ring of the Niebelungen," deal chiefly with the sins and the weaknesses of pagan gods, but with those of aspiring, suffering self-defeated humanity. To those who look for the "moral lesson" in a work of art, there is no disappointment; for the whole opera, with its magnificence of structure and its richness of detail, at bottom only typifies the struggle between the good and the baser elements in the human soul.

"Tannhäuser," a knight and minstrel, in an evil moment, succumbs to the wiles of Venus and dwells for a year in the Venusberg. Tiring of these monotonous delights, he leaves the goddess and returns to his home, where he is warmly received and told that the fair Elizabeth, niece of the Landgrave, still mourns for him. He is urged to compete in the Tournament of Song not far distant, the prize being the hand of Elizabeth.

The theme of the contest is the Nature of Love, and when Tannhäuser's turn arrives the evil influence of the Venusberg is apparent when he delivers a wild and profane eulogy of passion. Outraged by this insult the minstrels draw their swords to slay him. Coming to his senses, too late, he repents, and when a company of Pilgrims pass on their way to Rome, he joins them to seek pardon for his sin.

In the last act we see Elizabeth, weary and worn, supported by the noble Wolfram, who also loves her, watching for the Pilgrims to return, but Tannhäuser is not among them. Elizabeth is overcome with disappointment and feebly returns to her home.

Tannhäuser now appears, in a wretched plight, on his way to re-enter the Hill of Venus. He tells Wolfram that he appealed to the Pope for pardon, but was told that his redemption was as impossible as that the Pope's staff should put forth leaves. Wolfram's remonstrances are in vain, and Tannhäuser is about to invoke the goddess, when a chant is heard and the Pilgrims appear, announcing that the Pope's staff had blossomed as a sign that the sinner was forgiven.

Tannhäuser kneels in prayer as the mourners pass with the body of Elizabeth, who, overcome by her bitter disappointment, had suddenly passed away.

Wagner's Romantic Opera

To be performed by the
Royal Christchurch Musical Society
Thursday, October 20 and Broadcast

—by 3YA—

The performance of "Tannhäuser" will be under the conductorship of Mr. W. H. Dixon, L.R.A.M., A.R.C.M., and will be given with full chorus and orchestra. The cast of soloists will be as follows:—

HERMAN, Landgrave of Thuringia (bass)	T. D. Williams.
TANNHAUSER (tenor)	Hubert Carter.
WOLFRAM von ESCHENBACH (baritone)	R. J. Laurenson.
WALTHER von der VOGELWEIDE (tenor)	T. G. Rogers.
BITEROLF (bass)	J. Y. Wilson.
HEINRICH der SCHREIBER	Ernest Rogers.
REIMAR von ZWETTER (bass)	J. Filer.
ELIZABETH (niece of the Landgrave) (soprano)	Madame W. Fraser.
VENUS (soprano)	Madame W. Fraser.

The characters in this great opera are not wholly imaginary. There was a Landgrave of Thuringia, named Hermann, who held court in the Wartburg. Wolfram von Eschenbach was a minstrel knight who wrote the "Quest of the Holy Grail" from which Wagner took the story of "Parsifal."

Tannhäuser himself derives, in part, from a knight-minstrel of that name who served at the court of Duke Frederick II of Austria, early in the thirteenth century, dying a penitent after a somewhat too hilarious life. He has been the subject of many folk-ballads of Ger-



many and of a carnival play by Hans Sachs (of Meister-singer fame). Tannhäuser was a Minne-singer (or knight-minstrel), while the bourgeois Hans Sachs was a Meister-singer (or burgher minstrel and many find a connection between Wagner's two operas owing to this circumstance, combined with a song-contest with a maiden's (Continued on page 24.)

Richard
Wagner.

LITERARY COMPETITIONS

Key To Broadcast in Passages

Following are details of the various extracts quoted in the Literary Competitions conducted recently by the "Radio Record" and broadcast by the YA stations:—

Key to 1YA

First Section.	Second Section.	Third Section.
1 Daniel Defoe	1 Macaulay	1 Hugh Walpole
2 "Robinson Crusoe"	2 History of England	2 "The Cathedral"
3 Serious Reflections	3 "Siege of London-derry" (Chap. 12)	3 Chap. 1, Prelude
1 Bacon	1 Anthony Trollope	1 E. V. Lucas
2 Essays	2 "Last Chronicle of Barset"	2 Essay
3 No. 50 "Of Studies"	3 Chap. 82	3 "On the Zoo"
1 Sheridan	1 Emily Bronte	1 Drinkwater
2 "The Rivals"	2 "Wuthering Heights"	2 "Abraham Lincoln"
3 Epilogue	3 Intro.	3 Act 1, Sc. 1
1 Shakespeare	1 Blackmore	1 P. C. Wren
2 "Henry IV"	2 "Lorna Doone"	2 "Beau Geste"
3 Act V, Sc. 1	3 Chap. 74	3 Chap. 5
1 Cicero	1 Balzac	1 Hilaire Belloc
2 "Phillipics"	2 Splendours and Miseries	2 "Path to Rome"
3 Arraignment of Mark Antony	3 The Way that Girls Have	3 On Building Bridges
1 "Ecclesiastical"	1 Abraham Lincoln	1 G. B. Shaw
2 Apocalypse-Bible Chap. 44	2 Dedicatory Address at Gettysburg	2 "Man of Destiny"
1 Spenser	1 Mark Twain	1 W. W. Jacobs
2 "Faerie Queen"	2 "Tom Sawyer"	2 "Many Cargoes"
3 Angels	3 Chap. 17	3 Outsailed
1 Goldsmith	1 Longfellow	1 Noyes
2 "Deserted Village"	2 "Hiawatha" (The Ghosts)	2 "The Moon is Up"
3 Verse 1	3 19	3 Complete poem
	1 Shelley	1 De la Mare
	2 "Love's Philosophy"	2 "All That's Past"
	3 Complete	3 Ver. 3 and 4

Key to 2YA

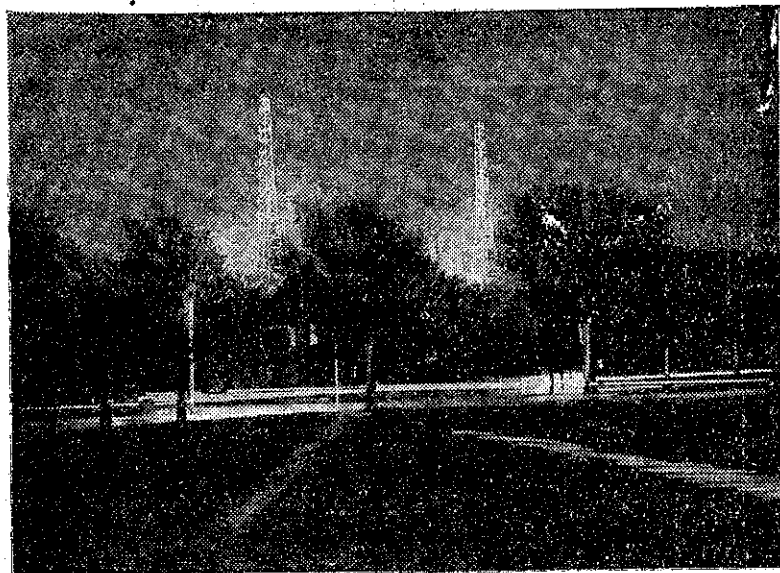
First Section.	Second Section.	Third Section.
1 Addison	1 Geo. Borrow	1 J. Galsworthy
2 "Spectator"	2 "Lavengro"	2 "Forsyte Saga—in Chancery"
3 Essay 26, "Meditations in Westminster Abbey"	3 Chap. 25	3 Chap. 10 of Part 3
1 Oliver Goldsmith	1 Ruskin	1 H. G. Wells
2 "Citizen of the World"	2 "Modern Painters"	2 "History of Mr. Polly"
3 Letter 71	3 Chap. 10 ("Of Leaf Beauty")	3 Chap. 9
1 Ben Jonson	1 Chas. Reade	1 Johan Bojer
2 "Every Man in his Humour"	2 "Cloister and the Hearth"	2 "Great Hunger"
3 Act 1, Scene 1 (73-89)	3 Chap. 25	3 Chap. 1, Pt. 3
1 Shakespeare	1 Lewis Carroll	1 Robert Hichens
2 "Twelfth Night"	2 "Alice in Wonderland"	2 "Garden of Allah"
3 Act 2, Scene 4	3 Chap. 4	3 Chap. 23, Book 4
1 Cervantes	1 Anatole France	1 Mary Webb
2 "Don Quixote"	2 "Crime of Sylvester Bonnard"	2 "Precious Bane"
3 Pt. 1, Book 4, Chap. 23	3 Pt. 2	3 Chap. 1
1 Homer	1 Goethe	1 Ibanez
2 "Odyssey" (Worsleys Trans.)	2 "Faust"	2 "Blood and Sand"
3 Bk. 5 (43-44)	3 Pt. 1 (2078-2080)	3 Chap. 10
1 Milton	1 Emerson	1 Hutchinson
2 "Il Penseroso"	2 Essay 3	2 "If Winter Comes"
3 Conclusion	3 "Compensation"	3 Chap. 4 of Pt. 2
1 Robt. Burns	1 Tennyson	1 Laurence Binyon
2 "Cotter's Saturday Night"	2 "Lotus Eaters"	2 "For the Fallen"
3 4th and 5th verses from the end	3 "Choric Song" (1st of final section)	3 Verses 2-3-4
	1 Browning	1 Robt. Bridges
	2 "Pippa Passes"	2 "London Snow"
	3 Section 3	3 Verse 1

Key to 3YA

First Section.	Second Section.	Third Section.
1 Addison	1 Dickens	1 Kipling
2 The Spectator No. 125	2 "Dr. Marigold's Prescription" (Christmas Stories)	2 "Kim"
3 Sidney	3 Pt. 1	3 Chap. 6
2 "Apologie for Poetrie"	1 Thackeray	1 Maugham
1 Lamb	2 "Esmond"	2 "Moon and Sixpence"
2 Essays	3 Foreword, Ch. 1	3 Chap. 4
3 "Immortality"	1 Kingsley	1 Conan Doyle
1 Shakespeare	2 "Westward Ho!"	2 "Sherlock Holmes"
2 Two Gentlemen of Verona	3 Chap. XXV	1 G. K. Chesterton
3 Act 4, Sc. 2	1 Thos. Hardy	2 "Chas. Dickens"
1 Sappho	2 "Far from the Mad-ding Crowd"	3 Chap. 5
2 "A Fragment"	3 Chap. 2	1 Conrad
1 Callimachus	1 Hugo	2 "Youth"
2 From "Anthology-Heracitus"	2 "Hunchback of Notre Dame" (Court of Miracles)	
3 Verses 1 and 2	3 Book 2, Chap. 6	1 Dreiser
1 Dryden	1 Dumas	2 "The Financier"
2 "Song for St. Cecilia's Day"	2 "Three Musketeers"	3 Chap. 53
3 Verses 2, et seq.	3 Chap. 27	
1 Byron	1 Holmes	1 Locke
2 "The Island"	2 "Autocrat at the Breakfast Table"	2 "The Mountebank"
3 Canto 2, St. 19	3 Chap. 5	3 Chap. 15
	1 Swinburne	1 Yeats
	2 "Hymn to Proserpine"	2 "The Stolen Child"
	3 Lines 47-50	3 Ver. 2-3-4
	1 Wordsworth	1 Maselfield
	2 "To the Skylark"	2 "Laugh and be Merry"
	3 Complete	3 Complete

Key to 4YA

First Section.	Second Section.	Third Section.
1 Bunyan	1 Scott	1 Buchan
2 "Pilgrim's Progress"	2 "Guy Mannering"	2 "Greenmantle"
3 Pt. 2	3 Chap. 8	3 Chap. 22
1 Dean Swift	1 Dickens	1 Philpotts
2 "Voyage to Brobdingnag"	2 "Great Expectations"	2 It Happened Like That
3 Pt. 2, Chap. 7	3 Chap. 11	3 Ghost of Peter Grimm
1 Burke	1 Geo. Elliot	1 Barrie
2 "Reflections on French Revolution"	2 "Silas Marner"	2 "Peter Pan"
3 Marie Antoinette	3 Chap. 2	3 Act 1
1 Shakespeare	1 Stevenson	1 Priestley
2 "Hamlet"	2 "Pueris Virginibus"	2 "Good Companions"
3 Act 2, Sc. 2	3 English Admirals	3 Chap. 4
1 Montaigne	1 Tolstol	1 Bennett
2 Essays (Vol. 2)	2 "Krentzer Sonata"	2 "Old Wives' Tale"
1 Dante	3 Chap. 23	3 Book 2, Chap. 4
2 Paradiso	1 Dumas	1 Lucas
3 Canto 31	2 "Three Musketeers"	2 "Old Lamps for New"
	3 Chap. 30	3 The Windmill
1 Moore	1 Irving	1 Lewis
2 "The Calm"	2 "Sketch Book"	2 "Main Street"
3 Lines 1-17	3 Westminster Abbey	3 Chap. 12
1 Ben Jonson	1 Francis Thompson	1 Rupert Brooke
2 "Drink to me only"	2 "Ode to the Setting Sun"	2 "The Soldier"
3 2nd verse	3 Line 11	3 V. 1
	1 D. G. Rossetti	1 Flecker
	2 "The Choice"	2 "War Song of the Saracens"
	3 V. 2	3 V. 2 and 3



A landmark that will shortly disappear. The antenna masts of 3YA, which will probably be removed to a site on Banks Peninsula.

THE importance of the location of a transmitter cannot be over-emphasised for naturally, before the signals can be received at any great distance, they must get a clear start from the transmitter. Steel buildings, power wires, mineral deposits and hills tend to absorb a large proportion of the signal strength, and it has been shown by the scientific selection of station sites that the reception from a transmitter has been improved, in some cases, a hundred per cent. A case in point was a Chicago transmitter which recently was shifted from its old position to one which had been chosen scientifically. The result was that twice the field strength was made available and the efficiency of the station thereby greatly improved.

IN setting out to determine which sites will be used for the new transmitters the Board is seeking to secure uniformity of strength over definite areas, and to push out the fading rings so that a larger percentage of listeners may have dependable service. The Board's first task was to have a thorough survey of the localities which are most promising. This survey must take into account the first essentials, such as available power, access, climatic conditions, etc. The ideal situation from the propagation point of view sometimes has to be dropped through these reasons. Further, there must be room for extension, particularly as the Coverage Commission recommended that the Board watch carefully the development in short wave, and short-wave stations, with their complicated antenna systems, need space.

Inspection of the environs of Christchurch, where the first new station is to be erected, showed that there were several very promising sites from which test transmissions will be carried out with a portable transmitter.

The transmission can be compared with that from the existing site for, apart from all theoretical considerations, the results obtained from the new sites must definitely be better than those from the existing ones to justify the cost of a rural location. The class of transmitters used for these test transmissions will depend upon

whether power is available at those localities from which transmission is to take place. If it is, a suitable transmitter can be connected with the mains. If mains are not in the immediate vicinity, the type must be self-contained with power derived from an oil engine. Low power will be used, and measurements made of field strength round the transmitting station. Reliable listeners will also be asked to listen in and to observe the phenomenon of fading. Comparisons will be made between the fading rings of the new sites and the old one.

The antennae will be supported by telescopic masts, and transmissions will be made during daylight and dark; in the daylight to determine the field strength distribution, and in dark to ascertain the extent of the fading ring. Uniformly good transmission round each test station will be required. Such things as hills and mineral deposits often detrimentally affect the transmissions in a certain direction, but if the field is uniformly good round the transmitter itself, signals are more likely to be received well over a large area.

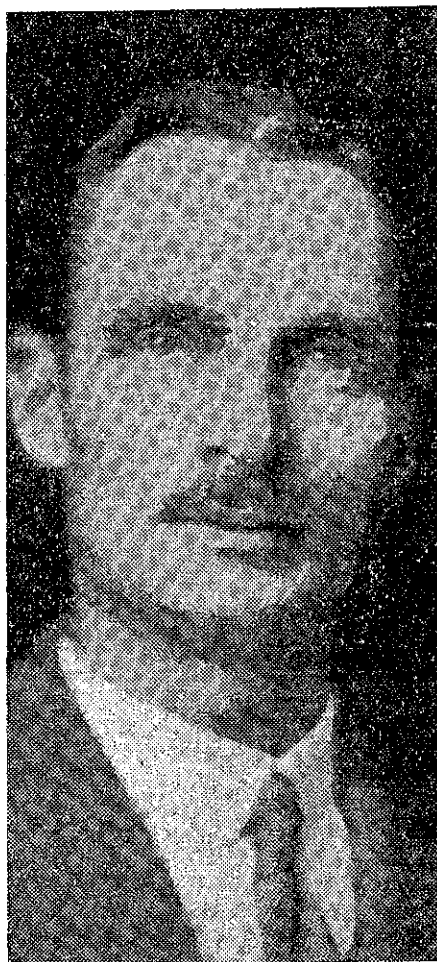
IN order to determine accurately the field strength of the transmissions at various points, the Board will use an up-to-date field strength measuring apparatus.

Summing up the work of the Board, it will be:—

1. To obtain uniform transmission over the area in the immediate vicinity of the portable transmitter.
2. To push out the fading ring as far as possible.
3. To follow out the selection principles laid down by the Coverage Commission.
4. And this is most important: To obtain better all-round results than are now being secured.

Not the spectacular effect of the transmitting station, but its ability to do its work in the most satisfactory manner is the criterion as to the best locality.

The Board is not wasting any time in going ahead with the selection and testing out of sites, and much has already been done in these directions. It can be expected that within a short time the testing transmitter will be heard, and listeners will no doubt appreciate that these tests will necessarily occupy a considerable time.



*MR. A. GIBBS, M.I.E.E.,
consultant engineer to the N.Z. Radio
Broadcasting Board.*

New Stations for Old

Mr. A. GIBBS,

Consultant Engineer to the Radio Broadcasting Board relates how testing for the new sites will be carried out

Editorial Notes

Wellington, Friday, October 14, 1932.

ONE of the most notable features of the past six months has been the increase in the number of talks and their intrusion more and more into the entertainment portion of the programmes. This development seems to be appreciated by listeners principally because the talks are less specialised than of yore and are appealing to the imagination. A wide range of subjects is covered by the present talks—adventure, sport, education, travel, politics, women's interests and others. The standard of the broadcasts is becoming increasingly higher, and so it should for the lecturer is as much before the public as is the artist, and must be prepared to face the same criticism. As in music, the listener wants the best and the explanation that so and so is a notability in his or her line cuts no ice.

GENERALLY speaking the successful talks broadcaster complies with three requirements. First his delivery. Many an interesting subject is ruined by poor delivery and conversely many a dull subject is made interesting by good delivery. Secondly the matter must interest the majority of listeners—the talk must be from one man in the street to another, from the outside in. Thirdly the length must be adjusted to the subject matter and the delivery. There are talks to which one can listen for half an hour or longer without becoming bored—there are others where ten minutes is ample. To be successful a talk must grip the imagination of the listening public. Few people will listen because the subject is good for their well-being. This applies more especially to educational broadcasts which in many cases are unpleasant because they are delivered with the sole purpose of educating, the lecturer imagining his audience consists of so many little tanks that must be filled from the well of knowledge. Educational talks can succeed only if the appeal is to the imagination

and the subject matter is regulated to interest people. And the public must not be talked down to—that is reminiscent of the old-fashioned schoolroom which one and all hated.

IT will be argued that just as one should do many things he does not like because it is good for his mental discipline he should listen to talks that are good for him. This is the angle taken, with some measure of success it is true, by the B.B.C., which attaches great importance to the National Lectures which are broadcast three times a year, and afterwards published. These lectures are intended to provide first-class contributions to thought and knowledge from persons of the highest standing in the English-speaking world. Allowance is made for their lasting an hour more or less so that the speaker may have an ample opportunity of developing his subject at reasonable length. The first of these national lectures broadcast by the late poet laureate, Robert Bridges, gave the public an advance prose version of his thoughts on beauty published later in his great poem, "The Testament of Beauty." The B.B.C. having an annual income of more than two million pounds with which to provide two programmes, can quite comfortably give the public what it ought to want. Successful talks broadcast by the B.B.C. include the serial story—the detective story was very popular—war escapades, and popular science talks. All three subjects grip the imagination. In this respect the schedule of talks now being broadcast by the Radio Board is commendable, including as it does such topics as the Secret Service, the North-West Frontier, sea stories, famous trials, Maori legends and sports. These are definitely entertainment and as such are worthy of a place in the concert portion of the programme, provided of course that the lecturer possesses the ability to broadcast successfully.

ONE other class of talk remains, and that is the women's sessions. If there is any session that depends more than the others for its success on intimacy between lecturer and public it is this. Women's interests are different from those of men, and to be successful the talk must be a woman-to-woman affair into which man must not pry either in the organisation or in the presentation. The session planned and run entirely by women is the one that appeals forcibly—a man is not even wanted to announce the musical items, men being excluded from this session altogether. Subjects for talks are legion. They range from discussions of the new frocks at a Hollywood afternoon tea to personal chats on milady's cosmetics. The

value of heavy science talks is questionable; the juice of two lemons means infinitely more than 10 per cent. citric acid. Radio programmes correctly organised and run can change the whole complexion of household work. Through judicious treatment household duties can be scientifically regulated, and take the place of haphazard and tedious labour. Certain hours should be set aside for marketing, cleaning, cooking, and sewing. The various problems that women meet such as varied menus, recipes, figures on the household budget, clothing, furnishings, are ones that the radio can solve. But is it helping? If not there is need for immediate action for after all it is the women who decide whether or not we shall have a new radio this season.

In Phase and Out

By "Quadrant"

SZIGETI—the greatest broadcast yet.

SOMEWHERE I read that radio had put up the birth rate. Perhaps that is where all the squealing has been coming from lately.

THE closing thought for the final mid-day 2YA community sing was, according to the announcer, "Abide with me and the King." At least he might have put the King first!

CLIVE, your eloquence when the stations first went over to the Town Hall Tuesday last was astounding. Try writing a description of the New Zealand bush.

I WANT to know what wrestlers' eggs are like. According to a Wellington announcer the other night the contestants were laying all over the ring. I heard a lot of cackling, too.

ANNOUNCERS defined: No. 1, "taxi-cable income"—income that goes out when you have a private car and ought to use a taxi. But I doubt that 2YA's acting announcer meant that when he was talking about the Budget one night last week.

MAJOR LEWIS'S talk on the Secret Service captured my imagination, but I want to know what happened to the mother and daughter he caught spying. Were they let off with a caution or put against a wall and shot? It is the old-fashioned movie style to leave the story at its most interesting part.

"APPRECIATIVE LISTENER" writes: "Just a word of appreciation of 22W's 'by the way verse,' and the night will be filled with gladness," etc. An interested listener is wondering whether the announcer has any other similar verses at his command.—Or, better still, if he has on tap a free and ample supply of the "gladness."

SO Will Bishop is going to produce "The Dumb Wife." Quite a change for Will; he always gives one the impression that wives are very far from being dumb. I think there must be a catch in it somewhere.

IS Szigetti really ambidexterous, Mr. Editor?

"NEUTRON" says that 1YA's programmes were pretty thin a fortnight ago, and as a little incentive tells us that the Dominion's largest city should be able to do better than that. But it isn't bulk that counts—its initiative, and some stations lack it tremendously: a little goes a long way, too.

HOW incredulous! A woman announcer was reading out a recipe and came to this: "One teaspoonful of white vinegar—white vinegar—I have never heard of it before, but that is what is here." No, if a woman is to put over recipes she must be a practical cook—and not talk about the juice from an onion either.

DOES 4YA's new announcer refuse to recognise jazz as music? Said he the other night, "This completes the musical portion of our programme, and we now commence our dance session."

YOU know how, with approaching darkness, the radio will gradually build up in strength until the volume has to be adjusted. Such happened Sunday last during the Sunday School anniversary relay from 2YA in a certain suburban home. The speaker was growing more and more eloquent, and the radio louder and louder, till at last father, who had just returned after an absence of several weeks, and consequently had every right to monopolise the conversation, could bear it no longer. "What is the matter with that man does he think God will be able to hear him better if he shouts! We are no deaf as well—turn it off"—which dutiful daughter straightway did.

EQUIP YOUR RECEIVER WITH—
MULLARD VALVES

and be assured of BEST possible Results

Mullard—The BRITISH Valve

W.E.A. Talks**To Cease in November**

THE authorities governing the activities of the Workers' Educational Association have decided to terminate the present series of broadcast talks in November, and to resume the broadcasts in March next.

Fun With Figures**Further Broadcast by "The Sphinx"**

THE two radio entertainments given from 2YA by "The Sphinx," who intrigues listeners with numerical novelties under the title "Fun with Figures," proved so popular that arrangements have been made for a further broadcast, on similar lines, from 2YA on Saturday, October 22, at 8.38 p.m.

"The Sphinx" requests listeners to have pencil and paper ready so that they can jot down the various problems which he will elucidate.

Celebrities at 2YA**A Unique Assemblage**

ONLY rarely does a broadcasting studio in New Zealand witness such an assembly of celebrities as were gathered together at 2YA on Monday evening, October 3.

In addition to several leading citizens of the Capital City there were present Josef Szigeti, the world-famed Hungarian violinist; Paul Vinogradoff, the eminent Russian pianist; David Moore, one of the world's foremost dog judges, and Bobby Blay, the Australian boxing champion.

Each of the visitors was present "on business"—Szigeti to rehearse with the Wellington Symphony Orchestra, Vinogradoff to perform from 2YA, Mr. Moore to broadcast a talk, and Mr. Blay to receive a few hints prior to the broadcast of his sporting "surprise item."

Trafalgar Day**Commemoration from 4YA**

FRIDAY, October 21, is the 117th anniversary of the Battle of Trafalgar, when England's naval supremacy may be said to have been finally sealed.

In keeping with the occasion Station 4YA will present a special "Trafalgar Day" programme for the first half of its evening concert session.

The programme is entitled "Nautical Memories" and will be contributed to by "The Troubadours" and the 4YA Orchestra, with selected recordings interspersed.

An appropriate programme will also be presented by 1YA and a half-hour's musical commemoration of the occasion will be included in 2YA's programme.

Grand Opera Singers from 1YA**Special Studio Concert on Sunday, 16th October**

DURING the past few weeks many satellites have appeared before the microphone. First, Don Bradman, then Szigeti, and now the chorus from the Imperial Grand Opera Company which is at present touring the Dominion.

Realising that it is only at very rare intervals that a musical combination of such magnitude visits the Dominion, the Board determined to leave no stone unturned to afford listeners an opportunity of hearing some, at least, of the singers, and after protracted negotiations, arrangements have now been completed for a studio concert to be given by the male chorus of the company on Sunday, October 16, commencing at approximately 8.30 p.m.

The broadcast will be from 1YA, Auckland, where the Grand Opera Company is giving a phenomenally successful season, and it is hoped that during its Wellington season arrangements can be made for a similar concern from 2YA.

QUIPS from the Questionnaire

THE dinner-time music is far too classical. Put some jazz in it. We should like you to include livelier music in the dinner-hour music.

The dinner-hour music is lovely—we enjoy it best of all.

Please put more waltzes in the dinner music; pieces like the "Merry Widow."

Why don't you vary the dinner music by including songs?

The static is awful on Sundays; is there any change you make for the band relays that would account for it?

We have a two-valve set, but can't get Australia for static. Your engineers should study this problem before erecting new stations.

If the Board cannot arrange programmes to suit listeners, they should hand the work over to those who can.

I am glad to have the opportunity of voting, and I am unashamed in asking for less classical items.

Do we want to be educated? NO!

Do we want to be amused? YES!

Read, mark, learn and inwardly digest.

Radio is for entertainment, not education.

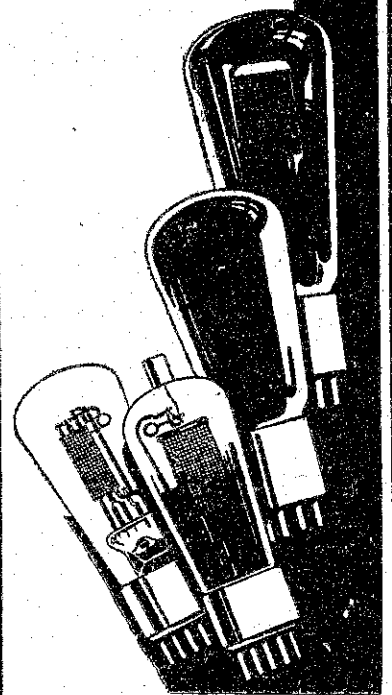
Include more educational matter; you have not scratched the surface yet.

In these days of taxes, people want to laugh; less serious items. More humour—anything to forget our worldly worries for an hour or two.

Improve the pronunciation of some of your artists—one calls "oranges" "awringses."

Less political controversy, please; we can read it in the papers.

Can't you arrange to broadcast Parliament, and let us hear our member let us down.

**FOR REAL RADIO**

—USE

PHILIPS VALVES

P.H. 235	.....	13/-
P.H. 224a	.....	13/-
P.H. 227	.....	10/-
P.H. 247	.....	13/6
P.H. 245	.....	10/-
P.H. 280	.....	10/-
P.H. 230	.....	12/-
P.H. 231	.....	12/-
P.H. 232	.....	16/6
P.H. 233	.....	18/-
P.H. 46	.....	14/6
P.H. 56	.....	13/6
P.H. 57	.....	16/6
P.H. 58	.....	16/6
P.H. 82	.....	12/6

PHILIPS VALVES

Advt. of Philips Lamps (N.Z.), Ltd.
P.O. Box 1673, Wellington.
W114R.

KNOW the time all over the world with a

DX Clock.
3d. Each.

BOX 1032, WELLINGTON.

RADIO GOODS *What to Buy and Where*

BURGESS RADIO BATTERIES, All Radio Dealers.
LOFTIN-WHITE AMPLIFIERS, Stewart Hardware Ltd.,
Courtenay Place, Wellington.
MULLARD VALVES All Radio Dealers.

Stirring Tales of the Secret Service

I.—Madam and Her Daughter

By

Major JOHN LEWIS

[Broadcast from 2YA]

THE Diplomatic Corps and Espionage Service of different nations," he said, "are made up of all sorts of quaint people—the man who seeks its service from the angle of adventure; the highly educated man of travel, master of languages and customs, with a keen sense of patriotism. Men of all sorts right down the scale, used by those in power in many strange ways, even the traitor who sells his soul and country for greed and other reasons.

"Spy is a nasty word, it leaves a bad flavour in our mouths. Rather call us agents, and please be kind. I have seen many honourable gentlemen meet their death at the hands of the firing party, with a proud, brave spirit, accepting death as the laurel of achievement, with never a flicker of their courage, to pass from the ken of those they love, and forgotten by the country that sent them to their death, with only the satisfaction of knowing that their job was done. They pass on to meet the great Architect, who will check up their records, and I for one beg that He will say: 'Well done.' The traitor, with never the courage to make the final payment—it is too mean a sight, so let it pass.

"Many brave women have served in our ranks. It is hard to reason out just why they did. Each nation uses them in all kinds of ways, and generally they are remarkably clever and seem to thrive on the intensity of the situations.

"As you know, nations watch each other very closely. The Diplomatic Corps and Embassies are ever on the alert to meet espionage by counter-espionage, intrigue by counter-intrigue, and so the game goes on. In peace and war hundreds of men and women are engaged in civil occupations merely as a cloak to cover their more sinister tasks. Others are free-lancing, moving about in high society, ever watchful for that tit-bit that may be useful to their country. Beautiful women peddle their souls, clerks and servants check up the private and business affairs of their employers. What a maze it is, nothing is safe from the inquisitive-minded.

"Now what are these nations wanting, you ask? Here are a few items: First-hand news of treaties, naval and military secrets, arma-

What promises to be one of the most interesting series of talks yet broadcast by 2YA was inaugurated last Tuesday by Major John Lewis, an ex-member of Britain's Secret Service.

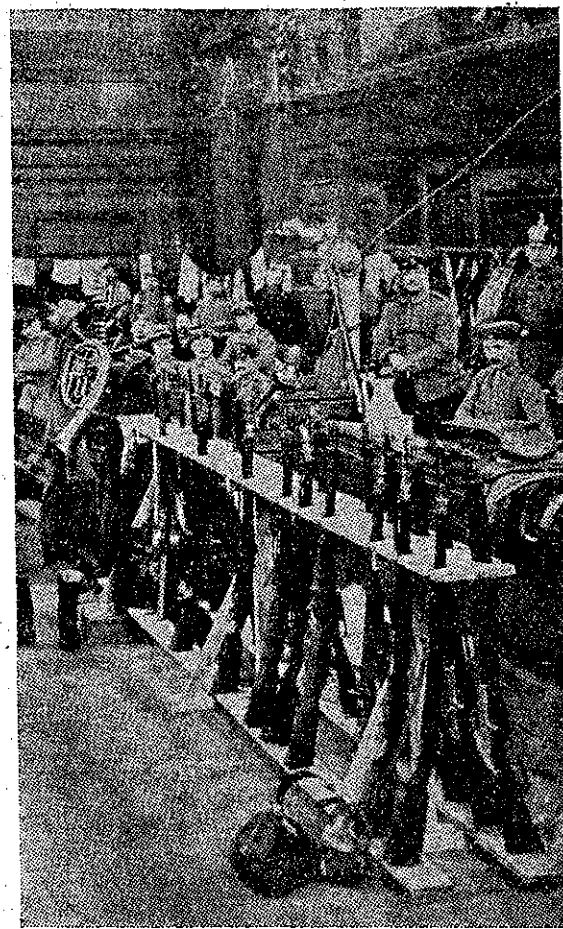
Major Lewis, whose talks will deal with some of his stirring adventures whilst engaged in secret service ashore and afloat, is probably one of the most highly decorated officers in New Zealand. His honours include the Mons Star, the Military Cross, the Legion of Honour of France, Medaille Militaire, Croix de Guerre with Palm, Order of the Golden White Eagle of Serbia, Silver Cross of St. George of Russia, and the Service and Victory Medals.

His first talk, which proved all too short for listeners, is here reproduced.

Subsequent talks by Major Lewis, at 9.2 p.m. each Tuesday, will be:

October 18: "The submarine menace in the Mediterranean and seas adjacent to Greece and Macedonia."

October 25: "Adventures in Rumania, Turkey and Egypt."



ment, shipbuilding, arsenal improvements and experiments, fortifications—naval, military and commercial codes, civil morale, trade union movements, anticipation of political moves, the examination of alien population and the segregation of the possible dangerous, and the checking-up of their dossiers.

"War.—Movement of troops, lines of communication, ammunition supplies, shipping and naval movements, morale of civil population and fighting forces, anticipation of strategic operations, offensive and defensive, propaganda, political differences, chemical and industrial secrets, aviation experiments, etc. So you see, each nation has its hands full.

"It was August 3, 1914—and what a day! The air was charged with political storm and war fever. I was having my boots cleaned in the cloak-room of the Strand Palace Hotel. Boots—an old friend of mine, a cheeky little Cockney lad of about 15 summers—was trying to get an extra shine. Looking up, he remarked: 'Mr. Wood was asking after you, sir.' Just a commonplace remark, you will say, but one that sent me post-haste to Whitehall, and what a jog to get there. The whole of London seemed to have swarmed into that beautiful thoroughfare cheering madly and singing patriotic songs. At last, very ruffled, I reported to my chief.

"I well remember the room—rather large and thickly carpeted, a huge desk table in the middle, and a few odd chairs, and my chief. I stood to attention in front of him, for several moments he looked straight at me, without speaking—then handed me a file of papers, remarking: 'You can learn your instructions in Colonel C.'s room, please return the file as soon as possible.' He then relaxed, stood up, offered me his hand, saying, 'Good-bye and God bless you.'

"What a change in Colonel C.'s room, clerks in and out like flies, maps on (Continued on page 24.)

STATIC

by
"SPARK"

THERE have been many talks recently from YA stations upon impressions of Holland, and one of the most interesting was that given by Mr. R. McGillivray from 3YA. Every visitor to the Netherlands is immediately impressed by the industrious habits of the people, their generous hospitality and proverbial cleanliness. It was mentioned that there is no language difficulty for the foreigner in Holland. The very young man usually seen behind the inquiry counter at the post office in the larger towns is frequently fluent in six or eight European languages, and the lads in the street can usually speak three languages. Holland has many art galleries, and evidence of wealth acquired from a colonial empire meet the visitor at every turn. The people greatly admire their seamen who founded their colonies. Statues to great admirals are to be seen in nearly every little "dorp." In fact the Dutch think much more of their defunct admirals than they do of their great painters. At school pupils learn much more about their historical sailors than the artists who made Holland famous in Europe before the Spanish yoke was thrown off and the Indies were conquered.

AS elsewhere on the Continent, the cafes are centres of attraction to any English-speaking visitor, and the severe climate of Holland is proof that the adoption of the system is not impossible in countries where the public house supplies the needs of the thirsty and weary. No tourist in the spring or summer can talk of Holland without mentioning the flowers, which strikingly add colour to an otherwise colourless country, but I prefer Holland in mid-winter, when skating carnivals take everybody to the frozen canals, and all the world is in merry mood. Every old building is a memorial to the Netherlands' one hundred and fifty years of war against the Spaniard. The Dutch deserve the tribute paid to the little boy who poked his thumb into the hole in the dyke, and thus saved his country so that other little boys from six years of age upwards may smoke fat cigars in the streets to-day.

FOR the last of the series upon "Great Personalities and their Influence," Mr. L. F. De Berry (3YA) spoke of Cecil John Rhodes, a figure who has left his mark upon the world, but who contrasts immensely with the other great men that have been subjects of Mr. De Berry's lecturettes. It is impossible to estimate the value of such scholarly men as De Vinci, Sir Thomas

The Fight

This paragraph wins "Spark's" 5/- prize for the best paragraph sent in during the week. Address entries "Spark," Box 1032, Wellington.

We had been listening the previous night to the boxing contests in New Plymouth, and it had all sounded rather terrifying to our gentle mother, who was on a visit to us from the south. This night, a little after 8 o'clock, I turned to Auckland, but found that everything was not as it should be—the sounds were thick and almost indistinguishable. Partly in explanation and partly in defence of my set, I remarked: "There's a regular fight on between Auckland and some Australian station." At which mother held up her hands and cried: "No, no, no! We don't want any more fighting. It's too bloodthirsty. Let's have Dunedin."

More and Henri Pestalozzi, but with Rhodes we are able to discern something tangible. This great business magnate with imperial dreams, accomplished something concrete within his own time and judgement upon his influence is possible. Unknown at the age of thirty-two, fallen at forty-four, and dead at forty-nine, Rhodes' meteoric career, spirit of service and sense of stewardship, make a romance in history that will last for all time.

THE very arresting series of stories with comments, of "Famous British Murder Trials," by Mr. C. A. L. Treadwell, from 2YA, was brought to a conclusion with an account of the life and trial of Dr. H. H. Crippen. This murder case was in our time, and many remember the trial and the part played by wireless which led to the arrest of Crippen. Crippen was an American citizen who, after attending many and varied universities and hospitals, eventually established himself as an eye-specialist and patent medicine advertising agent, in London. His wife, a veritable trull, with early ambitions for grand opera and later ambitions for third rate placing at second rate music-halls, was well-known to musical hall frequenters in London. In conjunction with the husband's and wife's professional vocations Mrs. Crippen conducted a boarding-house, and the sill of the kitchen window in this abode of a trollope, epitomised the propriety. On this might be seen letters, cosmetics, all kinds of apparel, saucepan lids and anything that the ledge would hold. In this uncleaned house where Mrs. Crippen harboured some of her lovers, the poor little wizened Doctor acted as boots and general menial, during the hours that his

office did not claim him. Some time after Mrs. Crippen's unexplained disappearance, Ethel Le Neve, the Doctor's ostensibly unsophisticated typist, was seen about with Crippen, wearing some of the wife's jewellery. This ultimately led to a search of Crippen's house, where human remains were discovered behind some brickwork. In the meantime a Mr. and Master Robinson had departed for Canada, and this is where the new miracle—wireless—played a part, as the two voyagers were arrested on the arrival of the ship at its destination. The Robinsons were Dr. Crippen and Le Neve, who were later returned to London, where Crippen was found guilty, and Le Neve discharged.

CRIPPEN was not very ably defended at his trial, said Mr. Treadwell, and many will agree with him. Although a great number do not think that Crippen should have escaped punishment, many think that he should not have been hanged. I was resident in London at the time, and the sordid details revealed by the half-penny press, were departures not usual with the traditional sobriety of English newspaperdom. A wave of pity swept the country among the temperate minded people, for the uncomplaining decrepid old man whose marital life had been one long period of misery. Le Neve also was the object of much pity until she accepted an engagement to appear on the music halls. Then there was an outcry—and not from the squeamish only, but from every decent person in the kingdom. Any pity that remained for Le Neve disappeared when a few days later some queer and wealthy individual whose compassion and values became mixed offered her

marriage, to make an honest woman of her. They were a queer lot, and the little old man was the best of them.

WHENEVER conditions were favourable I never missed the opportunity of listening to Captain Robertson, when he was scheduled to speak on "Flying" from 2UE, Sydney. His racy style, together with his lucid replies to correspondents, always made his appearance at the microphone welcome. Captain Robertson is so completely air-minded that he has no difficulty whatever in conveying to his hearers that there is really nothing in flying. Very apparently it is a matter of caution and confidence to commence with, and a good deal of human mechanism, once the pupil is familiar with the air.

PROSPECTIVE and even practical aeronauts were fortunate if they were tuned to 2YA on Wednesday evening last, when Captain Robertson gave a very illuminating talk on "Safety of the Air." The speaker emphasised the need for a thorough and actual training on the aerodrome ground, although he hoped that his little talk would help, and to the young men and women who propose learning to fly it certainly should have helped as it familiarised listeners with the instruments and controls of the ordinary plane. It was explained that there was nothing haphazard in training pilots. The system has advanced hand in hand with scientific developments, and instruction is given in carefully graduated stages by specialists employing only training aircraft, which offer maximum safety and complete facilities for instruction. It is incumbent upon New Zealanders to become air-minded as early as possible. Flying services in other lands have attained a pitch of perfection that is really amazing, and although many obstacles preclude aviation developing along ordinary lines in this country, with its mountains and high winds, specially designed planes for the comparatively short distances of regular routes hold out a promise of an efficient service as soon as air-sense is developed. Talks by authorities like Captain Robertson go a long way towards that ideal.

I LIKED the story of Mr. David Moore, from 2YA, of the owner who was mourning the loss of his dog and was commiserated with by the padre who, being a dog-lover too, gave the dog a soul—which he deserved—and informed the bereaved that he would meet his dog again—

PILLARS OF THE LAW



When the radio sets in the New York Police cars were equipped with Eveready Raytheon Valves, it was because of their special four-pillar bracing of the delicate electrodes.

**EVEREADY
RAYTHEON**

It was found that these four pillars (instead of the usual two) prevented any chance whatever of the highly sensitive filament, grid and plate, being displaced through the shocks of driving; ensuring faultless reception under any condition called for in the suppression of crime. To the Patrol-Car Police these two extra pillars are vital, and only Raytheons have them. To YOU it means definitely clearer reception and longer life, and once you've heard Raytheons nothing else will satisfy you.

The following five new types are also now available.

- | | |
|---|------|
| E.R. 56—Super Triode Amplifier | 13/6 |
| E.R. 46—Dual-Grid Power Amplifier | 14/6 |
| E.R. 57—Triple Grid Amplifier | 16/6 |
| E.R. 58—Triple Grid Super Control Amplifier | 16/6 |
| E.R. 82—Mercury Vapour Rectifier | 12/6 |

N.Z. Representatives:

Standard

Telephones and Cables (A/sia) Limited.

Head Office: G.P.O. Box 638, Wellington.
Auckland: G.P.O. Box 1897.

ILLUSTRATE Your Goods and SELL Them

Those who buy for the home, farm, office or factory have one thing in common. They usually buy the things that look best for the price. Whether their buying is influenced by newspaper advertisement or catalogue they purchase the goods pictured and described to the best advantage.

Your product can be successfully pictured if you use "Dominion" illustration blocks. Made by craftsmen who know how to produce the best results for every class of printing, they give unusual satisfaction.

Let us help you with your illustration problems.

"The Dominion" Process Engraving Dept.

WELLINGTON

Day and Night Service



if he were good enough. Mention of the Lancashire miner and his dog recalls that this makes a redeeming feature of the dismal soot smothered landscape of the coal and cotton district towns of Lancashire. It is a familiar sight, on a Sunday morning, to see a number of miners squatting on their haunches, in a circle, with the dogs enclosed in the middle of the street, discussing the merits of "Towser," with an occasional mention of the puling ricket-racked youngster at home. Mr. Moore, a real dog-lover, said he didn't own a dog, because he had not the time or facilities to give it, and the Lancashire miner is a real dog-lover, too. In times of unemployment, the last to feel the pinch is the dog, and perhaps that is just, for the canine cannot be blamed for human economic failures. The story about the man who absented himself from his fellows' company because his dog had died, and "a man feels such a fool without a dog," I had always understood to be an Australian one, but apparently it was imported from Lancashire.

IF you happen to leave puss in over night and he comes to the bedroom door to let you know that it is time he was out, so that he can arouse the neighbours' roosters, in order that they may herald the dawn, have a try at getting some of the European stations. As the signals come from the West you may just as well go back to bed if the sun has beaten "Tom," but from three o'clock onward some of the super-powered Europeans are quite audible. Madrid, Rome, Prague, Bordeaux, Mulacher, Leningrad, and many others, are to be heard on favourable mornings, while Heilsburg seems to be capable of getting through any day. On a recent morning when there was a total absence of static, Goteborg came in with strength exceeding that of 4YA. It is listed as a 10 kilowatt only. Increased aerial power in European stations is almost a daily occurrence, and it may be that Goteborg has quite lately grown up, but many comparatively low-powered stations are to be heard if the cat only calls one in time.

WITH the memory of a previous performance from the Town Hall with a fuller orchestra I was thoroughly disappointed with the first movement of Rachmaninov's Second Concerto for the piano in C Minor, from 2YA. The double forte passages were totally without definition, a mere jumble of noise. At the Town Hall a larger number of instruments was given the opportunity for each to impinge its own characteristic upon the microphone without being crowded, and the performance was one of the finest piano and orchestral items ever broadcast in Wellington. I would have rather heard the whole concerto, without a "howlitzer" organ being sandwiched in.

WITH the gramophone and wireless as vehicles to let the world know exactly the talent of master musicians, it is not surprising to hear that some of them make money. We may even expect that Szegeti will add to

his fortune while holidaying in New Zealand. But a hundred years ago, and when newspapers were few, it was quite a different matter. Perhaps it was because of few aids to publicity that so many of the giant composers and executants remained poor, but when one did acquire a tidy fortune the merit could not possibly be below genius rank. I suppose it would be safe to say that more people had heard of Paganini than Szegeti twelve months ago, and by reason of that, perhaps there is something in the rumour that Szegeti carries with him a reprint of the unexcelled Paganini's will, and appearing in "The Era," London, dated July 19, 1840, thus:—

"The will of Paganini has been opened at Genoa (says a letter from that place in the "Debats"), and the following account of its contents is given as authentic: The greater part of the fortune consists in houses and lands; the remainder is in the funds in France, England and Naples. The total amount has been officially estimated at 1,700,000 francs, which is said to be rather an under than an over estimate. Paganini has left to his elder sister the life interest of a capital of 57,000 frs., which is, after her death, to be divided equally between her sons and daughters. To his youngest sister he has left a life interest of 50,000 frs., on similar conditions. To a lady of Lucca, whose name the will declares is not to be mentioned, he has left 6000 frs. a year for life, and to the mother of his son 1200 francs for life. This lady is not a Jewess, as has been generally said, but a Roman Catholic, and a distinguished singer who travelled with Paganini from 1820 to 1823, and sang at nearly all the concerts he gave during that time. The bulk of the property, after deducting the legacies, is bequeathed to his son, Achilles, who is by the will placed under the guardianship of Marquis Lorenzo Purato, of Genoa."

"My Favourite Poet"

New Talks from 2YA

COMMENCING the first week in November a new series of eight talks will be broadcast on Friday evenings from 2YA, when prominent citizens and members of the Legislature will speak on "My Favourite Poet."

The schedule for the talks is as follows:—

Friday, November 4—Hon. Mr. McCallum, M.L.C., "Thomas Bracken."

Monday, November 7—Mr. P. Fraser, M.P., "Robert Burns."

Friday, November 11—Hon. Mr. L. M. Isitt, M.L.C., "Lowell."

Thursday, November 17—Hon. Sir James Parr, "Shakespeare."

Saturday, November 19—Mrs. E. W. Kane, Ph.B., "Kipling."

Thursday, November 24—Hon. Mr. James Craigie, "Masefield."

Monday, November 28—Miss C. S. Forde, "Keats."

Friday, December 2—Hon. Mr. Hanan, M.L.C., "Moore."

Auckland Notes

By "Neutron"

THE Szigeti relay, as heard through 1YA, was an outstanding success. In fact the transmission seemed to bring us not only the artistry of a master, but the very atmosphere of the concert hall. It isn't often that tense silence can be effectively broadcast, but it was so in this case. We in the north heard Szigeti's magic and the hushed silence of the big audience, then the tumult of applause. The relay really took listeners into the heart of a musical triumph and it can be said that reception was perfect at this end. Surely all listeners will appreciate the Board's enterprise in this matter—and it should be added that no visiting artiste ever had a more wonderful advertisement. It is a very safe bet that Szigeti's northern tour will benefit as a result of the Wellington relay. It is to be hoped that the policy as disclosed by the Bradman and Szigeti relays will be steadily developed.

THURSDAY evening's Orphans' Club concert was a better balanced programme than has been usual of late with 1YA. With a sound backbone of numbers by the Orphans Orchestra—which is in accord with listeners' preferences—there was good vocalising and some capital elocution. Personally I thoroughly enjoyed Mr. J. W. Bailey's musical monologue, "The Difference." Quite often spoken things that might do well enough from the platform, when the speaker is visible, fail to "get over," on the air. The radio success or otherwise of such an item depends quite largely on the speaker's choice and in this instance the choice was a happy one. There was humour, a surprise ending and at the last a flash of pathos. The whole programme was enjoyable: so too was the evening with the Savoy Quartette on Wednesday.

ON Tuesday Professor R. M. Algie took 1YA listeners to Finland, land of a thousand lakes, which, said the speaker, should really be the land of fifty thousand lakes. One and a half times the area of New Zealand, with four times our population, listeners gathered that it is a paradise for the ladies and architects. Finland was the first country in Europe to give women the vote, and every bride is allowed to bring in her trousseau free of all duty. (Now our tariff is being revised, how about all our bachelor M.P.'s 'phoning Mr. Downie Stewart on the subject—or is the suggestion a breach of privilege?) Then the architecture of Helsingfors, the capital, it was suggested, would give four acres and a beating to our Dominion towns. The Finns make even their gasworks look beautiful, while their railway station is a model for all Europe. The professor, who in everyday life discourses on law at Auckland 'Varsity, when not climbing mountains, painted an interesting word picture of his visit to a progressive country and a friendly people.

"SKIPPER," who blows the postman's birthday whistle each Thursday from 1YA and does other things to entertain the kiddies, had a kindly brain-wave a little while back. He discovered that the children in the Auck-

land Hospital's isolation ward were really isolated. Cut right off from friends and relatives, they had no wireless to help pass the long lonely time. "Skipper" set out to remedy this through an appeal to his young friends to provide the funds to instal radio in the isolation ward. Last week he announced that he had received £79, and told of one little girl of Herne Bay who planned and carried through a penny concert at her school and so secured £1 for the fund. "Skipper" was justly entitled to sing a paean of triumph, which ended:—

"And almost any day

There'll be music for sick children
Coming through from 1YA."

The idea and the result entitle the originator and the children and grown-ups who helped to warm congratulations.

GERMAN conditions were made appallingly clear by Mr. N. R. Kingston-Smith in 1YA's W.E.A. session on Wednesday. Very few of us have realised what this has meant to New Zealand. Britain is of course our best customer, but most would expect that, normally, the U.S.A. would rank second in trade with us. However, Germany held that position before 1914—which seems a millenium ago. Now with German wages cut, not 10, but 40 and 50 per cent., and German imports restricted to 27 per cent. of the 1929 figures, our trade with Germany is exceedingly small. And the currency smash-up of 1923 is something that suggests New Zealand can still be described as the Fortunate Isles. Fancy the considerable life savings of a family being turned into nearly enough to buy a suit of clothes and the annual pension of a civil servant being almost sufficient to buy a box of matches. And then when things looked up everybody borrowed from abroad, till States, municipalities and individuals were up to the eyebrows in debt with, after the present collapse, nothing to pay with. It wasn't a cheerful picture as the lecturer presented it, but it had the ring of truth—and its always best to know the worst.

CAPTAIN FALCON continuing his exposition of India's North-west Frontier problems, revealed himself as the world's champion egg-eater: he might be described as hard-boiled on that subject. On a tour of inspection—I believe it was done in a day—as the honoured guest of various Pathan villages, he ate, among a variety of other fodder, 36 hard-boiled eggs. In the evening his batman announced, as a treat—more hard-boiled eggs. Just for the moment the gallant Captain felt he would rather face a hungry tiger than the insidious egg. However, he's in form again now and the Government should secure his services at once, as well as those of more Indian Army officers. Such a move would restore prosperity to our harassed poultrymen far more effectively and at much less cost than a dozen wheat cargoes from "Aussie."

OF all 1YA's talks this week I enjoyed most Miss L. M. Cranwell's "Food Plants of the Maori." She knew

The Szigeti Broadcast

Completely Successful Relay

THE enterprise of the Broadcasting Board in arranging for a Dominion-wide relay of the concert by Josef Szigeti on Tuesday, October 4, was more than justified. The broadcast was a triumph for all concerned in it, and provided music of a rare high standard for listeners throughout the Dominion.

Technically the broadcast was perfect—and reception from every part of the Dominion appears to have left nothing whatever to be desired, judging from the voluminous mail and telegrams received by the board and ourselves.

Apart from one or two disgruntled critics, who, without reason or good taste, endeavoured to find fault with the board for arranging the broadcast, the general opinion is that a landmark was definitely made in the Dominion's broadcasting history by the Szigeti concert.

Incidentally, the broadcast affords further evidence, if any is necessary, that broadcasting is the greatest factor in the entertainment world of to-day, for obviously it would have been im-

possible for many thousands of music-lovers to hear this greatest of living violinists had it not been for the board's enterprise in arranging to broadcast his concert.

No other artist who has ever visited New Zealand has had such a great audience as Szigeti, for it is estimated that over 300,000 listeners heard the portion of his concert which was broadcast, and all must have enjoyed the wonderful musical treat which was afforded them.

On top of this evidence of the board's determination to give listeners the best entertainment available comes news that arrangements have been made for a broadcast by the chorus of the Grand Opera Company which is at present touring the Dominion. If this policy of arranging broadcasts by all visiting celebrities can be maintained by the board, the time should not be far distant when the number of licenses in the Dominion will be doubled and ample finance thus be assured to carry out the complete, comprehensive broadcasting system recommended by the Coverage Commission.

Szigeti.

(Broadcast Recital, Tuesday, October 4, 1932.)

*An ecstasy is wrought from trembling strings . . .
Slowly at first as though the artist dreams,
And mellow, like the wine outpoured for kings
In stately far-off times . . .
Until meseems*

*The music changes into beating wings,
Swift wings in flight above the breathless streams
Where now its golden boon the kowhai flings,
And trout leap silver in the white moonbeams.*

*The tone comes wistful now . . . a daffodil
Lit frailly by the light ere sunrise breaks
The darkling line above a bush-sweet hill . . .
O, suddenly the air with passion shakes!
Keen, keen with pain as white as snow-sharp flakes,
O soul have peace! O wounded heart, be still!*

—"Karakia."

her subject and made it interesting. Also she dropped a hint that might lead to the establishment of a new industry. Fern root dried and pounded, she said, was a most valuable food and was regarded as a specific against sea-sickness. How about our scientific researchers following up the trail? There's a fortune in it for anyone who will make our national emblem, the silver fern, the sheet-anchor for distressed ocean voyagers. The importation of kumara, yam, taro, paper mulberry, gourds, etc., by the Maori migrants around 600 years ago, the ceremonial cultivation

of these with the final turning to the East, even the pollination of the gourd flowers by the Maoris, was well told by the speaker. Her picture of olden Maori life and agriculture was something all New Zealanders should be able to see. The fact that the Maori with little flesh food, no grain, and no milk, preserved his fine physique is an interesting dietic fact, while the statement that coast native women eating seaweed and fish were free from goitre while the inland women were subject to it, is one more proof of the need of iodine in the food ration.

A Money Back Guarantee covers every Purchase

Great Clearance Sale to Continue until end of present month, goods going at cost and 10% on cost. Watch out for further list of bargains each week.

Kindly note that any of the prices listed hereunder do not include an allowance for freight or postal charges, but I will willingly pay freight or postage on purchases of 30/- upward.

The items are as follows:—
Resin Core Solder. Usually 1/- per tin. Now 8d.
British Indoor Aerials, extend, 12ft. 6in. Usually 3/6. Now 3/-
British 8-Wire Indoor Aerials. Usually 5/-. Now 4/3
5-Wire Battery Cables, complete with battery plugs. Usually 3/6. Now 1/9
6ft. Loud Speaker Extension Cords. Usually 1/6. Now 10d.
Isoradin Vernier Dials, worm gear drive, ratio 100 to 1. Usually 10/6. Now 6/6
Best British Glass Insulators. Usually 9d. each. Now 5d.
Egg Insulators. Usually 2/- doz. Now 1/4
Igranite 20 ohm. Rheostats. Usually 4/6. Now 3/3
Standard Low Frequency Transformers. Usually 16/6. Now 11/3
Lissen Differential Condensers. Usually 7/6. Now 5/-
Formo Variable Condensers, .0005, .00025. Usually 7/6. Now 5/9
One Only, Blue Spot, A.C. Dynamic Speaker, 5in. cone. Usually 25. Now 23/15/-
One Only, Brandes 10in. 6-volt, D.C. Dynamic Speaker. Usually 28/10/- Now 24/15/-
Only One, B.T.H. 6-volt, D.C. Dynamic Speaker. Usually 29/15/-
Will quit at 24/13/6
180 Coils, each 10ft., rubber-covered Wiring Wire for Radio work. Usually 6d. per coil. Now 4d.
2,036, 600 Mega Heavy Insulated Lighting Cable, suitable for Aerial or Earth Wires. To be quit at, yd., 2d.
Or Coil of 100yds., 10/6
Glazite Wiring Wire, in 10ft. Coils. Usually 9d. To be Cleared at 4d.
Igranite H.F. Chokes. Usually 7/6. Now 3/9
4 doz. S.T.C. Luna; 1½-volt, Dry Cells. Usually 2/6. Now 1/11
One Only, 3-Valve, Screen-Grid, Cossor Melody Maker in Metal Cabinet, with Valves. Usually 41/-
Now to quit at 25/18/6
With Batteries and Baby Grand Speaker (2-Volt Accumulator, 2 43-volt B Batteries). 210/11/-
9in. Porcelain Lead-in Tubes. Usually 1/- Now 5d.
One Only, Igranite Patent Gramophone Motor, repulsion, Induction Type (no brushes with turn-table). Usually 29/- Now 24/12/6
One Only, Eagle Tone Control. Usually 12/6. Now 5/9
4 Only, Igranite 5in. Stand-off Insulators. Usually 3/6. Now 2/6
13 Only, Condor, 4-volt D.C. Valves, U.X. Base take .1 amps. Usually 13/6. Now 5/6
One Only, Philips 2-valve Electric Amplifier, having Pentode Output Valve. Usually 210/15/- Now 25/18/6
One Only, Tungar Trickle Charger, rate .5 amps, in good working order. Usually 24/15/- Now 22/5/-
2 Only, Hegra Inductor Dynamic Speakers, suitable for any set having 3 ranges of impedance. Were 24/10/-
Will quit at 21/17/6
3 Only, Tefag Cone Speakers. Were 23/10/- Will quit for 19/11
One Only, Farrand Inductor Dynamic Speaker, housed in a Beautiful Table Cabinet, Duco Finish. Usually 27/-
Now 24/19/6

BOB HORROBIN
Flashlight Corner 2 Courtenay Place
WELLINGTON

Quick Repairs Phone 52-357

Questions and Answers

E. A. (Woburn): I am building an output transformer to match a 6BR speaker to a 247 valve. How many turns would I put on the primary of the output transformer with a core of 1 x 1? A.: You will require 2500 turns, but if you can get more on, so much the better.

2. If I wish at some time to use a different valve to the 247, would this necessitate altering the number of turns on the primary?

A.: No. The idea with the primary is to get the impedance as high as possible, and make all adjustments to the secondary.

3. I believe there will be marketed shortly an indirectly heated version of the 247. What is the optimum load impedance of this valve?—A.: 7000 ohms.

DX180 (Wainuku): The harmonics appear to be missing from the music with my speaker. The cabinet vibrates continuously, no matter what volume is handled. Would a lining of non-resonant material improve matters?

A.: The cabinet work of your set is probably not heavy enough. Vibration should not take place, as this will spoil the tone. A lining of non-resonant material would probably improve matters if the speaker were mounted against this.

2. I find that the coupling resistances in the grid of the pentode and earth is 5 megohms. What difference would one of, say, a ½ to 1 megohm make?

A.: Five megohms is too high for this position. It should be ½-1 megohm.

3. In what countries are international reply paid coupons not acceptable?

A.: We do not know. Inquire at the Post Office.

F.H.G. (Waitotara Valley): My set was some time ago converted into a four valve set in order to save replacing a transformer. However, I now wish to revert to the original. How shall I go about it?

A.: If you do not know anything about radio construction you would more likely get into difficulties. The connections from the transformer are apparently now taken to the detector stage, cutting out the first audio. These should go P to the plate of the audio valve, B+ to the maximum B+ voltage available. The plate of the detector valve will now connect with P of the transformer nearest it, and B+ will go off to a suitable detector tapping, i.e., about 25-40 volts.

2. There is a 3½-I transformer in the set at present. Could I use a 3-I with it?

A.: Yes, this is quite suitable.

3. If I get a new set of valves, four 609's, one 605, will the set want re-neutralising?

A.: In all probability yes. As we do not have a circuit of your set we cannot tell you how to go about the job. If you use 221's instead of the ones already in use and a 605 in the last stage you will probably not have to re-neutralise the set.

PENTODE (Papakura): About 125 turns of 30 gauge enamelled wire.

2. I am using the superhet. shortwave converter. Could I take the 90 volts for it from the 90 volts tapping on the voltage divider of my broadcast set?—Yes.

SPARKS (Dunedin): From whom can I obtain the Admiralty hand-book of wireless telegraphy?

A.: The Te Aro Book Depot, Wellington.

3. Would an engineering course help me to obtain the wireless operator's ticket?

A.: You would be better to obtain a special course catering for the wireless operator. There are several available.

MU 1 (Mamaku): I am using 221's and B605 in my receiver. Would a special detector like A415 improve reception?

A.: It is very doubtful if the improvement would be noticeable.

2. How would the 1932 "Outspan" compare with my five valve for performance and economy?

A.: It would be superior.

3. How would this set compare with the "Super Six" for distance on the broadcast band?

A.: It would, if used on an aerial, against the "Super Six" on a loop, be much superior, otherwise the "Super Six" would win.

CURIEUX (Napier): I can hear quite a number of shortwave amateurs on my crystal set. Would I receive them better by tuning to their correct wavelength?

A.: They are not harmonics; a harmonic can only come in on a shorter wavelength. They are either spurious frequencies or you happen to be in the shock area of those transmitters.

2. What are the coil specifications for the 80 metres bands using a .0005 mfd. tuning condenser?

A.: On a 2in. former you will require 15 turns.

3. Is a "Pix" advantageous to dzing on a crystal set?—No.

D.F. (Glenside): Our set has one fault D.—Wellington comes in half way over the dial. Would you advise us to sell the set?

A.: A wavetrapp would probably be quite effective and would keep out 2YA. We would not advise you to sell the set, as if its value lies only in a local station receiver you would not get more than a few pounds for it. The set could be made more selective, and if the wavetrapp is not efficient we would advise you to get in touch with the agent, whose engineers would probably be able to do something for you.

W.G.H. (Waikanae): The volume control of my set will not work well.

A.: It is rather difficult for us to pick the fault with your volume control, as we cannot see how it is connected in the circuit. It sounds as though it is a control on the voltage of one of the valves, and in that case the trouble should disappear if the resistance were replaced.

2. I have charged the battery all day and all night, and then turned the set on at 8 p.m., and by 9 or 9.30 it will gradually go down until nothing can be heard.

A.: Your battery has either not had a full charge—it takes more than 24 hours to charge a battery fully—or it has come to the end of its useful life, and consequently will not hold the charge. Do you have a hydrometer? If you have, test it on the completion of the charge, and if it runs down within a few hours, the battery is useless.

AERIAL (Dunedin): I have a 2-valve all-electric set incorporating a dry rectifier. The tone is not the best, there being a rattle in the music and speech.

A.: Probably you need more smoothing in the "R" circuit. Test your filter condensers and filter choke.

C.W.T. (Wellington): I am contemplating building an a.c. local station receiver, that will be reasonably selective, and would like a circuit employing an r.f. and detector valve, with pentode output.

A.: The ideal circuit appeared in the last month's issue of the "Radio Times." It is called "The Link Three," and comprises a band-pass filter, multi-mu, r.f., screen-grid power detector and pentode. No; the set you enclose would not be satisfactory. You would need a wavetrapp.

PUZZLED (L. Hutt): I am using "Round the World Three" with a power unit and battery charger, as described in the "Radio Record." The set has given good results lately, when a loud rushing noise started and tone and volume deteriorated. The switch controlling the primary side of the transformer, or a switch controlling a light is switched on and off, or vice versa, when the trouble comes on, it immediately ceases, and operates normally again.

A.: The trouble is so unusual that it would be almost impossible to tell you what is wrong with your set without examining both the power unit and the set itself. It seems that there is something wrong with the power unit, probably a broken-down condenser or a defective resistance. Maybe the rectifier valve has petered out.

DX450C: How could I add a resistance coupled 227 to my present circuit to be transformer coupled to a 247?

A.: Such a hook-up would not be satisfactory, as resistance coupling should be employed in the 47 valve. To do this you would use two orthodox resistance coupled stages.

2. Will the 227 alter the tone of the pentode?—No.

3. Will a 3½-I transformer be suitable for the purpose mentioned above?

A.: We do not advise you to use a transformer.

4. Have I sufficient voltage available?

A.: Probably.

5. What difference would a 235 make in place of a 224 r.f. valve?

A.: Unless your set is specially designed for the 225 it will not make any difference.

6. Could you give me the approximate specifications for r.f. and detector coils for the following bands, to be wound on 2in. formers and tuned by a .00016 condenser?

A.: 200—400 metres.	45	100	35
400—600 metres.	85	180	75
15—25 metres.	3	3	2½
24—40 metres.	5	6	4
37—65 metres.	12	13	5
64—115 metres.	22	22	8

Primary, secondary, tickler, in that order. Reaction condenser .00015. Secondaries wire 24 enamelled, primary and tickler 26 enamelled. We are posting you the circuit you require.

WREN (Auckland): I desire to make a crystal detector using a carborundum permanent detector, and I understand this needs a stabiliser. What are the connections?

A.: They are shown in the accompanying diagram.

2. The value of the potentiometer and the voltage of the battery?

A.: The potentiometer is usually 400 ohms and the battery 1½ volts. A condenser is not needed.

Information Coupon

(To be used with all requests for information.)

Name of set

Model

Name

Address

.....

.....

Nom de plume

To be kept in subsequent inquiries

Please Note:—

- (1) Be specific and brief, tabulating, if possible.
- (2) Write legibly, and on one side of the paper.
- (3) We do not design circuits.
- (4) Limit three questions, unless 1/- is enclosed.
- (5) Postal queries limit three questions. Enclose stamped envelope and 1/- fee.

Our Mail Bag

The News Session.

AS a country listener I think it would be a step in the right direction if at 10 a.m., say, a quarter-hour was given to a news session. We don't all get morning papers, and news is always welcome on the farm.

I would like to congratulate the board on the improved lectures now put over the air.

Could not two of the YA stations have different hours, say, 4 and 1YA, 6 to 7 news, 7 to 8 music, and 2 and 3YA as they are? If one likes lectures now all four stations give lectures at the same time, and it makes it like a one-station country.—NZ13W.

Meditation Music.

MAY I suggest the inauguration of half an hour's meditation music at the end of 2YA's concert on Sunday nights, to consist of organ music, with melodies like "Home, Sweet Home," "Lieberstraum," "Serenade," and other ballads? No announcement should be made—first a minute's silence before each record, and perhaps a prologue, in the American style. This I think Mr. Drummond could ably perform. I might mention that the suggestion is for a session of semi-classical music—no fugues or marches, but dreamy meditation music.—"Musique."

Programme Suggestions.

THE broadcast of old-time dance music from 2YA on September 24 was greatly appreciated. One member of the family became so enthusiastic that he started to wait a chair around the room. We want a few more of these novelty nights. Might I make a few suggestions? An "Opera Night" I think would be very acceptable, while a "Humour Night" would not be out of place—humour in songs and from comic operas, as well as "War Wit," together with "highlights" by well-known comedians would make up a splendid programme.

Another night of this type is a "British Isles Night." The programme should contain only English, Welsh, Irish and Scottish items of all types. Although it is not just the thing for the YA stations, I think that a "Popular Night" would be appreciated. The programme could be made up of the better class of popular items. Could someone enlighten me as to whether the board permits "requests"? If so, why not have a "Request Night" occasionally?—"Nuf Sed."

Dance Music Wanted.

IN your issue dated May 6 "Anti-Dance" (Waverley) complains of the number of dance records broadcast by 2YA during the day. This gentleman does not know what he is talking about. If there is a more one-sided programme broadcast in New Zealand than that from 2YA I have yet to hear it. I advise "Anti-Dance" to stay home one day and listen to 2YA from 10 a.m. to 5 p.m., and he will hear all the "good" music he requires. It is nothing but light opera companies and 1st and 2nd movements all day. We may hear a couple of dance items in the morning, but after noon it is all "highbrow." From 2 till 3 is the "Classical Hour." This is all right—I like good music, too—but not hour

after hour of it. Why don't they give us dance numbers after 3 p.m.? The classical hour is supposed to finish then, but it does not, and we are lucky if we hear a dance number before 4.45 p.m. This is followed by the children's hour, and then from 6 to 7 more classical music. It is about time 2YA catered for all listeners. The best two hours' music in New Zealand now comes from 2ZW in the mornings, and these are request items, so it shows what the majority wants.—M. B. Signal (Palmerston N.).

Art Unions.

CAN you tell me why 2YA does not now broadcast the drawing of art unions? This morning the alleged broadcast by 2ZW was a complete wash-out so far as this district is concerned. It is no use advancing the excuse that my set is at fault as on the same morning it brought in 2FC, Sydney, and 7ZL, Hobart, at excellent volume. 2ZW is a notorious "fader," and to-day's announcer has a muffled voice. When 2YA used to broadcast the drawing of these art unions it was a pleasure to listen to the station and Mr. Drummond. I am sure that thousands of listeners must have been disappointed to-day.—"Eltham."

Saturday Afternoon Broadcasts.

I NOTICE that "K.O." (Wanganui) complains that Saturday is the only day he can hear football matches. I wish to add that for people who are not football fans, the Saturday afternoon programmes are very boring. From each of the YA's we get nothing but football. A little music from somewhere would be very much appreciated by those who work during the week and who have time to enjoy music on Saturday afternoons only. We enjoy race broadcasts on Saturday, as we are given selected recordings between each race.—"Working Man."

Little to Cavil At.

WE have appreciated the improvements made in the YA service recently, and consider that there is now little to cavil at.

Don Bradman gave our boys a thrill, and the board is deserving of praise for their foresight and progress. Let the axe-grinders grind; it is my firm belief that very few genuine growls are made. Some write about the parsimonious method of the board. Need one ask whether or not these are artists who over-value their services?—"Acme" (Onehunga).

Initiative.

ALL listeners with whom I have come in contact are praising the board for the initiative displayed in engaging Szigetel.

The broadcast was certainly a milestone in radio entertainment in this country, but to me it is rather a further evidence of the continuous endeavour which the board is putting forth to make broadcasting worth while. The old-time night, Bradman, Vinogradoff, Bobby Blay, Szigetel—all in a matter of a few days—well, here's one—"Satisfied Listener."



Robbing you of Distance!

ARE you being robbed of half the stations your radio set should ordinarily reach? Inferior valves muffle the distant stations and rob you of full radio enjoyment. Instal OSRAM VALVES in your electric or battery set and get those distant stations—clear, powerful, distortionless. Made in England for New Zealand conditions the OSRAM 2.5 volt A.C. VALVES are guaranteed to meet the requirements of all standard American sets. Instal them and prove it!

Osram Valves

MADE IN ENGLAND

Now available from stock in the following

"AMERICAN" A.C. TYPES

MY 224 MY 227 MX 245
MY 235 MY 247 MX 280

Also there is a complete range of OSRAM VALVES in 2, 4, and 6 volt Battery Types and Special Types.

Ask your Radio Dealer for OSRAM VALVE literature, or write direct to BRITISH GENERAL ELECTRIC Co. Ltd.,



51-57 TARANAKI STREET, WELLINGTON. BRUNSWICK BUILDINGS, 49 HIGH STREET, AUCKLAND. 145 WORCESTER STREET, CHRISTCHURCH.

OSRAM VALVES ARE MADE IN ENGLAND

WITH superior standards of Power, Dependability, Long Life and Uniformity, BURGESS, the British Radio Batteries, are the best for YOUR set.

BURGESS RADIO BATTERIES

NO MORE COUGHS—TAKE

Pulmonal

U6 & 2/6 At all Chemists

Addresses Wanted

4RO, 8CFO, and XGON.—36W.
XGOA.—Care of Shanghai Broadcast-
ing Company. It is probably the long-
wave station KGO, Shanghai.—Omsk
(Whakatane).

Replies to Correspondents

1230: The station on 1430 kc. is not
the one referred to above; my mistake
when I gave your number, but the one
you reported on 1430 kc. is in Java.—
"Omsk."

31A: I would suggest you write to
headquarters and buy a World Radio
European Call-book; I would be lost with-
out mine.

E.J.H.: Station on 1110 kc. (270 m.)
will probably be 3BY, which I have heard
on that frequency. "Omsk" (Whaka-
tane): 665 kc., Odessa; 700 kc., Bel-
grade; 910 kc., Paris, on 912 kc.
"Omsk": What is the frequency of
the Borneo station you mention?—IS.

"Radio": KTAB is under 2CO, KFBI
under 2CA, KFO relays KFI's pro-
grammes; KOIN is on 940 kc. "L.B.":
XER, Del Rio, Texas, on 735 kc.—N. Jen-
kins.

1810C: O.K. Thanks.

N. Jenkins: An Australian correspon-
dent replies to your query in "Times" re
VK2WL. Address is: Wireless Institute
of Australia, N.S.W. Division, 44 Glad-
stone Street, Belmont. Also XGT, China,
was officially issued as being on 1160 kc.,
July 26, 1931—"Marama" (Invercargill).

Stations Identified

131A: European on 1085 kc. is Heils-
berg; 1075 kc. is Bratislava; 830 kc. is
Mulacker; 760 kc. is Bucharest; 740 kc.
is Katowice.—"Omsk."

"Omsk": Whakatane: Station on
1210 kc. is Trieste. He gener-
ally works with Milan; pro-
grammes are usually orchestral and light
music, and also records. 131A, "Ranga-
tana": Station on 1120 kc., Kassel; 743
kc., Sottens. The others are hazy unless
correct frequency given—"Marama."

1S: Station on 650 is Chinese.

Radio Bug, Dunedin: Station on 240
metres is VK2AD, A. L. Dixon, 83 Con-
cord Road, North Strathfield, N.S.W.
A man and woman announce alternately.
—28MC.

Radio.—American on 590 kc. is KHQ.
The one in 105 kc. is KNX. L.B.—XER
735 kc. 640A—VKA is really VK2ME,
and a verification received last week gives
the call as "VKA." Address: 47 York
Street, Sydney. Ranganui—Your Chinese
on 950 kc. is XGY, Hangchow. The
wavelength is not 895 kc. 99W—XER
and XEF are one and the same station.
XER closes at 5.30 p.m. N.Z.T. now 6
p.m. N.Z. Sum. T.—Omsk (Whakatane).

Identification Wanted

(1) September 1: Station on approxi-
mately 680 kilocycles, 3.36 a.m. Band
or orchestra with flutes, followed by
song in English, "Swanee." Then fol-
lowed band item (European), and string
and pipe music similar to that heard
from HSP1. What sounded like Ameri-
can records followed till 4.10 a.m. Here
he put on a record for 45 seconds, then
stopped it, started it again, and let it
run for a minute and a quarter, and
stopped it again. At 4.13 a thin sopra-
no voice sang in English a tongue-
twister similar to Grace Fields' "Co-
op. Shop." This had orchestral accom-
paniment, and was followed by a second
number by the same singer. At 4.22
the station closed down with the only
announcement heard. A foreign voice
which sounded like an Arab or an Indian
gave a call which sounded like "Ba ba
ba dere, Ba ba dere (static) radio."

(2) A similar station putting on an
assortment of American and Oriental
items the same night on approximately
755 kc. from 4.53 a.m. to 6.4 a.m. Be-
tween 5 a.m. and 5.10 a.m. he tried

News and Views of the DX Club

several records, playing each for from
30 to 60 seconds. At 5.10 he put on
an American male chorus singing "Sugar,
My Sugar." At 5.30, "Take a Pair
of Sparkling Eyes," as a band item.
At 5.56 a.m. there was a different re-
cord of the tongue-twisting English sopra-
no heard from the other station. A
tinny jazz record followed, and the sta-
tion seemed to go off the air in the
middle of a record at 6.4 a.m.

Heilsburg was audible till 6.22, when
daylight banished all the foreigners.

(3) A station on JOHK's frequency
at 5 a.m., Monday, September 26. Music
similar to that from JOHK.

European on 770 kc. from 4.30 to 5.30
a.m. on October 2, 1932. At 4.57 a
steel guitar item was played. All the
rest of the items were songs with string
instrument accompaniment, and very
similar to Japanese music. There were
no announcements.—C.A.H.

Jap. or Chinese on 895 kc. Not XGY,
and another on 1040 kc.—"Omsk" (Wha-
katane).

Australian Amateur operating on
1135 kcs., during early hours of
Monday morning, October 3:—1.18
a.m.: A man delivering a speech (very
mushy and faded badly. 1.30 a.m.:
Speech concluded, followed by an or-
chestral number, with vocal effects.
1.32 a.m.: "God Save the King," and
closed down.

DX Topics

The Non-Reply List.

DIGGER (Hamilton) and 164A (Mor-
rinsville): I hold verifications from
22B, 4ZM, 2ZE, 2ZL, 3ZR. All re-
plied by return mail except 3ZR. Are
dxers using the DX notepaper?

The address of 3SH, Swan Hill, is
Campbell Street, Swan Hill, Victoria.

Could any dxers tell me which is the
best time to receive the Australian VK's?
—"Radio," Wellington.

"DIGGER" (Hamilton): 2ZE, Eketa-
huna, replied to my report of
15/6/31 by return mail.

"Bulova" (Timaru): I hold verifica-
tions from KGER, KMOX, KVOO.

164A (Morrinsville): I hold verifica-
tions from 2ZL, Hastings, and 3ZR, Grey-
mouth.

I have experienced difficulty in ob-
taining verifications from the following:
2ZH, 2ZJ, 4ZL, 4ZP, 3HA, KGB,
KZRM.—T. B. Dent (DX138W).

A WEEK or two ago I complained
that 2ZH and 1ZQ would not reply
to reports even though stamps were sent.
I recently sent these stations further
reports, and they both verified in four
days, 2ZH mentioning that previously
they had run out of cards. They did
not say what they did with the stamps.
Re the non-reply list in last week's "Re-
cord." I have received verifications from
the following: 2ZB, 4ZM, 2ZE, 3HA,
KGER, KOIL, KMOX, KVOO, KFWB,
KTFI, KTRH, WOC, JOHK, 2ZM, 2ZJ,
2ZL, 3ZR. All of these stations, with
the exception of 2ZB, 3HA, 2ZM, 2ZJ,
replied in reasonable time. I see a num-
ber of dxers lately have been giving their
latest loggings, and included in these
are quite a number of Europeans. Surely
a dxer if he heard a European does not
count it in his log as a new station.
I never count a European in my total

log of stations till I have him verified,
as even if the call is heard one cannot
be exactly sure of the identity of the
station. For example, last year a sta-
tion was heard on 1220 kc. frequently,
giving his call as "Radio Krakow" (Po-
land). I sent a report to this station,
and in due course received a reply to
state that Krakow had never broadcast
on that frequency. However, Wilno
(Poland) did, and they said that they
often relayed Krakow's programmes, that
accounting for Krakow's call being heard
on 1220 kc.

In a letter received to-day from WQBC,
Vicksburg, Miss., is stated: "Please ex-
tend greetings from radio station WQBC
to your friends in the New Zealand DX
Club and advise them that we will

Wanganui

The branch will meet in the
Cadorna Hall (over McSkim-
ming's), Victoria Avenue, at 7.30
p.m., Wednesday, October 19.
Full attendance requested.—L. C.
Armstrong (29W), Secretary.

promptly acknowledge and verify any re-
ported pick-ups by them."

Since September 15 KSL, Salt Lake
City, has been using 50,000 watts of
power. KGB, San Diego, is now using
1000 watts of power.

The Americans are great here now.
WABC, WENR, WLW, WBBM, KQW,
etc., being audible over the house any
night. Among others I recently logged
KWK, St. Louis (1350 kc.), 1000 watts,
and CFCT, Victoria, B.C. (630 kc.),
500 watts. The latter station was heard
on Sunday evening at weak strength
before 6.30 p.m. Who else has this
station? Would "Ranganui" (Dunedin)
please tell me when he heard KFAB?—N.
Jenkins.

CONCERNING "L.B." (Johnsonville)
Inquiring about American on 735
kc. This will be XEF, using XER trans-
mitter and channel. I have often heard
him, and he announces XEF. He has
been practically inaudible in my locality
for the last two or three weeks now.

Stations in my non-reply list are XER,
two reports; 2SM, 2 reports; and 3HA,
two reports.

165A, Morrinsville, 3ZR, answered my
report after about nine weeks. I heard
him on Wednesday, October 5, at 6.30
p.m., on approx 1220 kc., heterodyning
here with 4YA's harmonic; evidently he
is changing his frequency.

My latest loggings are:—5AD, 6PR,
KYW, VK2KA and WH and KSTP on
their special programme were only R2-
QSA2 with me. WHAS were on a special
all-night test broadcast—testing a new
transmitter—coming in at R4-5-QSA4
with only a slight fade. I picked up
VK2KA on 5AD's wavelength after 5AD
had gone off at approx. 1.34 a.m. Sunday,
October 2, R3-QSA2.—89OT (Dunedin).

I HAVE a verification from 2ZB, and
have written to the following sta-
tions twice, without receiving a reply,
4ZL, 7LA, 7HO, 2EKY, and KZRM. In
each case I have enclosed sufficient
postage for return. The following I
have written once and are more than
two months overdue 4ZR, 2ZH, 1ZR,

2ZF, and 7UV. Latest verifications
4QG daylight reception 3AK, 4GR,
3GL, 4MB, 3BA, and VKs., 3RG, 2EK,
5WS, 3BY and 2SR.

A Verification.

2SR's report is as follows:—"You
were receiving me O.K., but you
were only picking up my harmonic, as
you report me as on 1000 kcs., but I
was operating 725 kcs. I was trans-
mitting on 40 watts with .9 amps. in
the Antenna.—44NW, (New South
Wales).

Europeans Heard.

IN the following list of European sta-
tions which I regularly received I
have put against each one their approxi-
mate strength received during the month.
Graz, Turin, Bratislava, Heilsburg, Mad-
laker, Karowice, and Bordeaux. To illus-
trate the difference made by locality, "Ma-
rama," who is about one mile from me,
receives Stockholm, Gatelong, and Horby
regularly at R4-5, whereas I find best the
Italian stations which he gets at about
R2-3. Leipzig's new transmitter should
be on the air soon. Has any member
heard it testing? One English paper
states it will use 770 kc., while another
says 1157. I heard a German recently on
1157, but I think it may be the old trans-
mitter. Has any dxer definitely heard
RAJ13, Barcelona? This is listed in sev-
eral call books as being on 119 kc., but
according to an English magazine I have
just received it appears to be on 1200 kc.
On this frequency I have been receiving
a station regularly for the last three
months, but cannot identify him. Has
any dxer heard JOQK'S call yet? It is
supposed to be on 625 kc., but according
to the information from JOFK by "Mar-
ama" the station on about that frequency
is JOTK, being a branch station, with
JORK of JOFK.—S. Robson (Invercar-
gill).

New Americans.

RECEPTION of American stations has
been very good here for the last
nights as I logged several I have never
heard before—KFL, Los Angeles; 640
kc.; KFRG, San Francisco, 610 kc.;
KGA, Spokane, 1470 kc.; KGO, San
Francisco, 790 kc.; KHT, Los Angeles,
900 kc.; KPO, San Francisco, 680 kc.;
KTM, Los Angeles, 780 kc.; WBBM,
Chicago, 770 kc.; and WLW, Cincinnati,
700 kc., all coming in well. I am using a
Beverage aerial, 600 feet long and 10 feet
high. Re 42W's complaint about 1ZQ not
replying. I received a letter within a week
asking me to join their club, and stating
that they were taking steps to avoid
heterodyning with some Australian "B"
station.—DX180A.

Extract from Verification.

2GN, Goulburn, power 50 watts, with
100 per cent. modulation, aerial
system 160ft. high. 2GN very pleased
to receive reports from New Zealand.
1390 kc., 216 metres.—17OT.

[We have a few booklets giving all
particulars, including interval note, of
all European stations, price 1/9 posted.
Yes, the Japanese letter is somewhat
vague, but is sufficient.—Ed.]

Americans Not So Good.

AMERICAN reception is not good in
this district at present. The best are
KFI, KGO, WENR, KHJ, KFWB, KPO,
and KNX; others heard at less strength
lately include KMTR, WLW, WBBM,
KOA, WCCO, KIX, KFAC, KOIN,
KFVD, KSL, WABC, and KTM. XER
heard so well a short time ago is now al-
most inaudible. The Europeans are fairly
loud, but static has been bad this last
fortnight, and has made early morning
listening almost impossible. On Septem-
ber 16 I heard Heilsberg announce some-
thing about "Konigsberg and Danzig,"
so apparently they relay to those places.
Bucharest announces as "Boo-war-ess."
Does anyone know the address of Mos-
cow-Stalin? On October 2, as station
was heard from 4.30 a.m. till daylight on
770 kc. Music was similar to that of
Radio Saigon; several announcements
were made, but were drowned by static.
There is also another one with the same

kind of music, just a fraction under Breslan (925 kc.). Most of the Europeans reported in the "Record" are heard here at various strengths. "Omsk," your station on 1040 kc. might be the Scotch National, which I believe operates on that frequency. No station on 1040 kc. is audible here. Does anyone hold a verification from any of the English B.C. stations? If so, which one?—13A.

Verifying Americans.

THE best way to get American stamps is to send a dollar money order to one of the American stations asking them for 2 cent and 3 cent stamps. I have had no reply from 4ZL, 2ZJ, 3HA, 4ZM, 2ZL, and 3Z.R.—"Six Valve" (Christchurch).

Skeks of VK's.

THE following are the schedules of a few VK's who will answer reports; all addresses are in Call Book:—5WS: 1820 kc., 25 w.; Sundays, 12-2 a.m.; also irregular from 1 a.m. 5RE: 1260 kc., 25 w.; irregular. 5LR: 1335 kc., 25 w.; Tuesday, Thursday, Saturday, and Sunday, from 1 a.m.-2.30 a.m. 5BR: 1310 kc., 25 w.; Sundays, irregular. 5DR: 1375 kc., 25 w.; Saturday and Sunday; irregular after 12.30 a.m.; skeks often with 5LR. 5IV: 1245 kc., 25 w.; Saturday and Sunday from 1 a.m.-2 a.m.; 3RG calls him after 2 a.m.; 5IV often skeks with 3RG and 5LR. 5QP: 1220 kc.; Saturday, 1 a.m.-2 a.m., 20C: 1400 kc.; Saturdays, irregular, from 1.30 a.m. 7DR: 1245 kc., 18 w.; Saturday and Sunday, 12.30 a.m.-2 a.m. 2HX: 1380 kc., 25 w.; Saturday and Sunday, 1 a.m.-2.30 a.m. 2RV: 1580 kc., 50 w.; now irregular. 3JR: 1340 kc., 60 w.; Saturday and Sunday, 12-2.30 a.m. 3CB: 1270 kc., 22 w.; irregular. 3GK: 1360 kc.; no reg. skeks; 3JB: 1400 kc., 25 w.; no reg. skeks; often calls "3JB, Glen Iris." 3RG: 1230 kc., 25 w.; Saturday and Sunday, 12-30-2 a.m. If any dxx logs 5IV, Berri, would be please advise me through the "Radio Record." All times are N.Z.T., and frequencies approximate. Put a stamp in with the report.—"Marama" (Invercargill).

Goteberg and Breslau.

EXCEPT for some annoying static, reception has been exceptionally good, both Americans and Europeans coming in well. Lately some of the eastern stations have kept on up to 6.30 p.m., WLW, WABC, and WENR being some.

The Europeans were very good on the 5th inst. Goteberg being one of the best. Have noticed some dxxs reporting Breslau on 324 m. Afraid they are making a mistake. I received a list by the latest mail. It is dated August 29 and it gives Breslau as a 1.5 k. powered station. Those dxxs who have reported this station as Goteberg have by far the better chance of getting a verification.—Digger.

KMOX Replying.

BULOVA states KMOX is a difficult station from which to get a verification. I wrote to it on June 24 of this year. Their reply was dated August 4, so personally I haven't anything to complain of.—"A.C."

Japanese Branch Stations.

JOFK advises that it has two "branch" stations, JOJK, Kochi City, 720 kc., and JOJK, Matsue, 625 kc. In all my call books the station on 625 kc. is JOJK, but the call certainly does not sound like it, hence my inquiry, and I was fortunate in asking JOFK for the information, as it evidently controls this station. Have you heard this station's call, "Omsk"? The station on 920 kc. is Breslau, though I have not heard any identifying signals from him. "D.N.A." Timaru, is a bit hazy about logging stations (all respects to "D.N.A."), but I think logging is the word; for instance, my log is on 300, but verifications well under that. Naturally, if you hear a station call you would enter particulars in your log, then set about getting data for verification, but it is quite a different

matter whether you get any or not. I have applied for verification to 30 European stations this season. European stations seem to require plenty of data, especially correct frequency, before they verify.—"Marama" (Invercargill).

DX Programmes from 3TR.

A RECENT verification from 3TR states that that station broadcasts for New Zealand dx listeners each Thursday from 10-10.15 p.m., Australian time. Power, 50 watts. A letter from 3AW states that on September 17 they were relaying 22 stations; they word it as the biggest tie-up ever attempted. On an eight-valve T.R.F. set I have verified 20 Americans, 38 Australians, 7 Japanese, 1 Siam, and 19 New Zealanders.—3GW.

May Be TIRA, Costa Rica.

MY latest loggings are, irrespective of the usual Europeans, VK3LU, Footscray; VK3BY, Melbourne; and KGMB, Honolulu. These I have reports on: Sunday October 2, XGOA, XGY, COMK, and a foreigner one evening two weeks ago heterodyning 2CO badly. I take it to be TIRA, Costa Rica. On my non-reply list are VK3EF, Ellwood; 2KY, Sydney; 3HA, Hamilton; KZRM, Manila; 2ZH, Napier; 4ZL, Dunedin.—59MC.

EAQ, Madrid.

MAY I draw your attention to a slight error which occurred in the Radio Log ("Radio Times") this month? It states, "EAK, Madrid, may be tuned in from 7 a.m. to 7.30 a.m., as well as 11.30 till 12.30." I have listened in to the above station each Sunday morning only during the past six weeks, about 7 a.m., sometimes at 6.30 a.m., but I am not aware of the time this session commences, but it concludes at 7.30 a.m. Listeners should endeavour to tune-in about this time; the programmes are well worth listening to and the station comes in on good loudspeaker strength. Announcements are made in English and Spanish, and reports are always invited. The other session (daily) is from 11 a.m. to 12.30 p.m., but reception has been very poor at this time for some weeks past, and EAQ is scarcely loud enough to identify.—A. Kelly (Eastbourne).

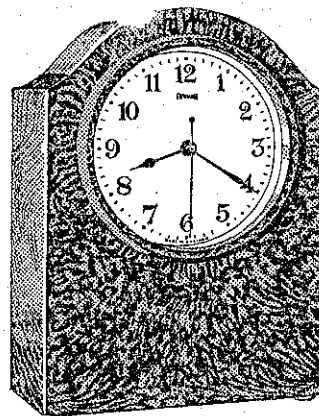
Schedule of 7UV.

CONGRATULATIONS on your 7th issue of the "Times." If you keep it up to this standard all should be satisfied. It is a good thing the district notes are becoming more interesting with regard to stations heard, etc. Following are the schedules of 7UV and 4MB: 7UV, Monday-Friday, 12 noon-2 p.m., 5.30 p.m.-6 p.m., 6 p.m.-10.30 p.m.; Saturday: 12 noon-2 p.m., 6 p.m., 6.15 p.m.-8 p.m., 8 p.m.-11 p.m.; Sunday, 7.30 a.m.-10 p.m. 4MB, daily, 6.30-7 p.m., 7 p.m.-10 p.m.; Saturday and Sunday nights, silent; Saturday afternoon, 1.30-5.0. For those interested there is a television transmission by Mr. A. V. Pickering, 11 Blair Street, North Bondi. On Sunday, 10.30 p.m.-12 p.m.; Wednesday, 11.30 p.m.-12.0 on 136 metres. These times are Australian Standard Time. Station 2UE is going up to higher power from October 1, 1932. I would like dxxs all over New Zealand to write me. As regards 22N's letter in October "Times" about Aussie postage stamp, I suggest he gets some from his district post office.—141A.

Verification from 3BY.

HAS any listener heard 3BY on 1550 k.c. (193 metres)? I have received him for several weeks, but it was not until September 15 that conditions were favourable enough to get his call. His announcements were: "3BY, experimental station transmitting from the Radio Show, Little Collins Street, Melbourne." I received his verification yesterday, 5/10/32. Reception in Mid-Canterbury is very poor.—DX440C.

Right Time for a Lifetime!



Illustrated Model 1.

In Walnut, Black, Mottled Blue, Mottled Green or Mahogany Bakelite.

Also in two other handsome Styles, same colour range.

£2-15-0

Ideal for a Wedding Gift or for presentation purposes. Distinguished in appearance, and thoroughly reliable.

Come in and see the Ferranti Electric Clock to-day, or write for particulars. To all Retailers! Write for Wholesale Prices and Discounts.

New Zealand Agents:

Arthur D. RILEY & Co. Ltd.

WELLINGTON AND AUCKLAND.

Full O'Power Batteries

H1 60-Volt Flat Light Duty	10/6
H2 108-Volt Flat Light Duty	20/-
H3 120-Volt Flat Light Duty	22/6
V1 60-Volt Upright Light Duty	10/6
V2 100-Volt Upright Light Duty	17/6
V3 50-Volt Standard Duty	17/6
V4 60-Volt Heavy Duty	20/-
V5 45-Volt Standard Duty	16/6
V6 50-Volt Heavy Duty	30/-
GT1 44-Volt C	2/6
G2 9-Volt C	2/-
G4 18-Volt C	4/-
G40 14-Volt A Cells	2/6

WE PAY FREIGHT ON ALL BATTERY ORDERS.

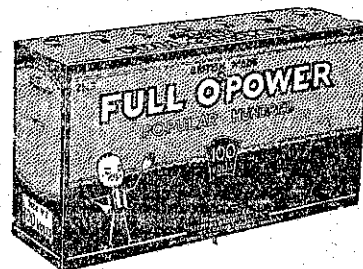
Send For Our Free Radio Catalogue.

F. J. W. FEAR & CO.

63 WILLIS STREET

Telegraph "Fear"

WELLINGTON.



Programmes for Week ending Oct. 23

IYA AUCKLAND 820 kc.
Sunday 16.

2.0: Selected recordings.
6.0: Children's Song Service, conducted by Uncle Bert.
7.0: Relay of Service from Pitt Street Methodist Church. Preacher, Rev. W. Walker.

Concert Programme.

8.15: A studio concert to be given by the Male Chorus of the Imperial Grand Opera Company.—Mezzo Soprano Soloist, Hinemoa Rosien; "Toreador's Song and Chorus" ("Carmen") (Bizet); "Zitti-Zitti" ("We go in Secrecy") from "Rigoletto" (Verdi); "Peaceful Slumbers," and "Midnight Shadows" ("The Masked Ball") (Verdi); "Soldier's Chorus" ("Faust") (Gounod); "Drinking Chorus" ("Tales of Hoffmann") (Offenbach).

2YA WELLINGTON 720 kc.
Sunday 16.

2.0 to 4.30: Selected recordings.
6.0: Children's Song Service, conducted by Uncle George, assisted by Children's Choir from Karori Methodist Church.
7.0: Relay of Evening Service from St. Andrew's Presbyterian Church. Preacher, Rev. R. J. Howie, B.A.

Concert Programme.

8.15 (approx.): Relay of Concert by Royal Naval Volunteer Reserve Band from De Luxe Theatre. (Conductor, Mr. Harry Baker.)

3YA CHRISTCHURCH 980 kc.
Sunday 16.

2.0: Selected recordings.
5.30: Children's Song Service, by children of Anglican Sunday Schools.
6.15: Chimes from Studio.
6.30: Selected recordings.
7.0: Relay from Anglican Cathedral. Preacher, Archdeacon Monaghan (Vicar of Timaru).
8.30 (approx.): Relay of Programme from 4YA, Dunedin.

IYA AUCKLAND 820 kc.
Monday 17.

10.0: Devotional Service.
10.15: Selected recordings.
11.0: Talk.
11.30: Relay description of Avondale Jockey Club's meeting.
5.0: Children, by Jill.

Dinner Music.

6.0: Sandor Joszi Orchestra, Marionettes' Wedding March (Rathie). Berlin State Opera House Orchestra, "The Magic Flute" Overture (Mozart). Ketelbey's Concert Orchestra, "Bells Across the Meadows" (Ketelbey).
6.13: Frank Westfield's Orchestra, "Our Miss Gibbs" Selection (Monckton). Victoria Orchestra, "Espanita" Waltz (Rosey). Dajos Bela Orchestra, "Mosaic" Potpourri (Zimmer).
6.31: Orchestra Mascotte with Dajos Bela, "The Flower's Dream" (Translation). Berlin State Opera House Orchestra, Slavonic Dance Nos. 1 and 2 (Dvorak). Sir Henry J. Wood's Symphony Orchestra, "Volga Boat Song" (arr. Wood).

Copyright.—These programmes are copyright, but individual daily programmes may be published on day of performance.

Sunday

Church Services: IYA. 7 p.m.—Pitt Street. Methodist. Preacher, Rev. W. Walker.

2YA. St. Andrew's Presbyterian. Preacher, Rev. R. J. Howie, B.A.

3YA. 7 p.m.—Anglican Cathedral. Preacher, Archdeacon Monaghan, of Timaru.

4YA. 6.30 p.m.—Moray Place Congregational. Preacher, Rev. Albert Mead, M.A.

After Church Concerts: IYA. Studio concert by male chorus from the Imperial Opera Company, assisted by Hinemoa Rosieur (mezzo-soprano).

2YA. Relay of Concert by Royal Naval Volunteer Reserve Band.

3YA. Relay of programme from 4YA, Dunedin.

4YA. Alfred Walmsley's Chorus Party: Maitland McCutcheon, L.R.A.M. (violin), Phyllis Clare (mezzo-soprano), Frank Watt (bass), W. Aldridge (cornet).

Grand Opera Singers

Sunday 8.15 from IYA, Male Chorus of the Imperial Grand Opera Company

Choruses Include:

"Soldiers' Chorus" (Faust).

"Toreador's Song and Chorus" (Carmen)

4YA DUNEDIN. 650 kc.
Sunday 16.

2.0: Selected recordings.
5.30: Children's Song Service, conducted by Big Brother Bill.
6.15: Selected recordings.
6.30: Relay of Evening Church Service from Congregational Church, Moray

Place, Dunedin. Preacher, Rev. Albert Mead, M.A.

Concert Programme.

7.45: Selected recordings.
8.15: Recording, State Opera Orchestra, Berlin, "The Merry Wives of Windsor" (Nicolai).
8.23: Bass, Frank Watt, "O Isis and Osiris" (Mozart); "Fishermen of England" (German).
8.29: Violin and Piano, Maitland Mc-

Cutcheon and T. J. Kirk-Burnand, "Sonata No. 7" (Allegro con Brio), (Beethoven).

8.36: Part songs, Alfred Walmsley's Chorus Party, "O Happy Eyes" (Elgar); "Night, Lovely Night" (Berger).

8.42: Recording, Band of H.M. Grenadier Guards, "The Grenadiers' Waltz" (Waldteufel).

8.46: Duet, Alfred Walmsley and Frank Watt, "Transformation Scene" (Gounod). Part Song, The Chorus Party, "Songsters of Spring" (Schubert).

8.56: Cornet, V. Aldridge, "Shylock" (Lear).

9.0: Weather report and notices.
9.2: Recording, Lily Gyenes and her Twenty Gipsy Girls, "Hungarian Rhapsody" (Liszt).

9.10: Mezzo-soprano, Phyllis Clare, "Farewell to Summer" (Johnson); "Lorraine" (Sanderson).

9.16: Violin, Maitland McCutcheon, L.R.A.M., "Three Dances from Henry VIII" (German).

9.25: Quintette, Misses Estelle Burnard, Phyllis Clare, Kathleen Butler, and Messrs. J. Gordon and Alfred Walmsley, "Hm, Hm, Hm, Hm!" (Mozart).

9.32: Recording (Harp), John Cocke-rill, "At the Fountain" (Zabel); "The Rustle of Spring" (Sinding).

9.37: Soprano, Estelle Burnard, "Dawn, Gentle Flower" (Bennet); "Golden Slumbers" (traditional). Part Songs, The Chorus Party, "Departure" (Abt); "The Fairies" (Macfarren).

9.47: Cornet, V. Aldridge, "Neath Austral Skies" (Code).

9.53: Glee, The Chorus Party, "A Spring Song" (Pinsuti).

9.56: Recording, Foden's Motor Works Band, "The Severn Suite" (Elgar).

2YB NEW PLYMOUTH 1230 kc.
Sunday 16.

6.0 to 6.45: Children's Sunday evening session, conducted by Uncle Jonathan.
7.0 to 8.15: Church relay.
8.15 to 10.0: Studio concert.

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.
5.0: Children, by Uncle John.

Dinner Music.

6.0: Milan Symphony Orchestra, "Masaniello" (Auber). Marek Wehly and His Orchestra, "My Dream" (Waldteufel). New Mayfair Orchestra, "Follow Through" (de Sylva, Brown and Henderson).

6.18: Kirilloff's Balalaika Orchestra, "Medley of Old Time Songs." Dajos Bela Orchestra, "Electric Girl" (Holmes). Dajos Bela Orchestra, "Faust" (Gounod). Terence Casey, "Bird Songs at Eventide" (Coates).

6.34: De Groot and the Piccadilly Orchestra, "If Only I Had You" (Davies). Novelty Orchestra, "Midnight Bells" (Heuberger). Edith Lorand Orchestra, "Toreador and Andalouse" (Rubinstein). Fritz Kreisler, Hugo Kreisler and M. Raucheisen, "Marche Miniature Viennoise" (Kreisler).

6.47: Plaza Theatre Orchestra, "The Busy Bee" (Bendix). Regimental Band

Monday

Evening Talks: Agricultural Talk, "Ensilage Making"—Mr. Woodyear Smith. IYA, 7.30.

"Your Eyesight," representative of Institute of Opticians. 2YA, 7.40.
"Social and Economic Relations in Mediaeval England"—Dr. Winifred Haward (W.E.A. session). 3YA, 7.30 p.m.

"Foreign Affairs"—Mr. L. J. Cronin. 4YA, 9.2 p.m.

Features

IYA. Wrestling from Town Hall.

2YA. Wellington Chamber Music Players: Miss Hilda Chudley (contralto), Mr. W. B. Brough (baritone), organ solos by Mr. H. Temple White.

3YA. Band of First Canterbury Regiment, and 3YA artists.

4YA. Selected recordings.

6.45: Symphony Orchestra, "When the land Town Hall. Relay to 1ZH, Hamil-
Lemons Bloom" (Strauss). Herman ton.
Finck and His Orchestra, "Melodious Memories" (arr. Finck).

7.0: News and reports.

7.30: Agricultural Talk, Woodyear

Smith, "Ensilage Making."

8.0: Relay of Wrestling from Auck-

2YA WELLINGTON 720 kc.
Monday 17.

10.0: Selected recordings.

10.30: Devotional Service.

of H.M. Grenadier Guards, "The Turkish Patrol" (Michaelis). Eddie Thomas' Collegians, "The Missouri Waltz."

7.0: News and Reports.

7.40: Lecturette, representative Institute of Opticians of New Zealand, "Your Eyesight."

Concert Programme.

8.0: Overture, The Orchestra, "Oberon" (Weber).

8.8: Baritone, W. B. Brough, "Glorious Devon" (German); "Sacrament" (MacDermid).

8.14: Morceau, The Orchestra, "Au Matin" (Godard).

8.18: Recording (vocal duet), Dora Labette and Norman Allin, "In Springtime" (Newton); "At Love's Beginning" (Lehmann).

8.24: Suite, The Orchestra, "Peer Gynt Suite" (No. 1), (Grieg)—(a) "Morning," (b) "Ase's Death."

8.31: Contralto, Hilda Chudley, "Fragile Things" (Phillips); "Oft in the Stilly Night" (Traditional).

8.37: Suite, The Orchestra, "Peer Gynt Suite" (No. 1), (Grieg)—(c) "Anitra's Dance," (d) "In the Hall of the Mountain Kings."

8.44: Recording (male quartet), The Maestros, "Passing By" (Purcell), "Venezian Song" (Tosti).

8.50: Instrumental, Wellington Chamber Music Players, "Andante con Moto" from "The String Quartet in D minor" (Schubert).

9.0: Weather report and notices.

9.2: Organ, H. Temple White, "Fantasie Rustique" (Wolstenholme); "Gavotte in A" (Elgar).

9.15: Baritone with orchestra, W. B. Brough, "A King's Man" (Hilliam); "Friend" (Davies).

9.21: Instrumental, The Orchestra, "Hungarian Dances" (Nos. 5 and 6), (Brahms).

9.29: Recording (choral), Rotorna Maori Choir, "Hoea Ha te Waka," "Haere Haere ra e Hine" (Tomoana).

9.35: Contralto, Hilda Chudley, "None but a Lonely Heart" (Tschaiakowsky), "I Heard You Singing" (Coates).

9.41: Suite, The Orchestra, "The Merchant of Venice" (Rosse)—(a) "Prelude," (b) "Oriental March," (c) "Intermezzo 'Portia'," (d) "Doge's March."

9.51: Recording (choral), Glee Clubs of America, "Calm as the Night" (Bohm).

9.55: Valse, The Orchestra, "Les Patineurs" (Waldteufel).

10.0: Dance Programme.

3YA CHRISTCHURCH 980 kc.
Monday 17.

10.0: Devotional Service.

10.15: Selected recordings.

11.0: Talk, Miss M. G. Havalaar, "Travel."

12.0: Lunch music.

2.0: Selected recordings.

3.30 and 4.30: Sports results.

5.0: Children's Hour, "Big Brother."

Dinner Music.

6.0: London Palladium Orchestra, "Classica Selection" (arr. Ewing). Jacques Jacob's Ensemble, "Wiener Blut" Waltz (Strauss). Paul White-man's Concert Orchestra, "Caprice Futuristic" (Malneck).

6.17: Albert Sandler and His Orchestra, "For You Alone" (Geehl). London Symphony Orchestra, "Khowantchina—

8.39: Recording, A. and P. Gipsy Orchestra, "The Far Away Bells" (Furber-Gordon).

8.42: Bass baritone, Leslie Fleming, "O Could I but Express in Song" (Malaskin), "Love is Mine" (Gartner).

8.46: Triplet, Bandsman W. Unwin, "Polka" (El Reynolds).

8.50: Recording, Recital, Bransby Williams, "Micawber's Advice to David Copperfield" (Dickens).

8.54: Fantasia, The Band, "Echoes of the Alps" (Round).

9.0: Weather forecast and notices.

9.2: Reserved.

9.17: March, The Band, "Delmonica" (Shipley Douglas).

9.21: Recording, Evelyn Laye and Chorus, "One Kiss" from "The New Moon" (Romberg).

9.25: Recording, String Orchestra, March, "Poseidon" (Ivory).

9.28: Contralto, Mrs. Tristram Willcox, "Ave Maria" (Robt. Horne), "One Fleeting Hour" (Dorothy Lee).

9.33: Recording, Humour, Stanley Holloway, "Old Sam," "One Each a Piece All Round" (Holloway).

9.36: Recording (Cello), Pablo Casals, "Spanish Dance" (Granados).

9.39: Serenade, The Band, "La Chiquita" (Gonzalez).

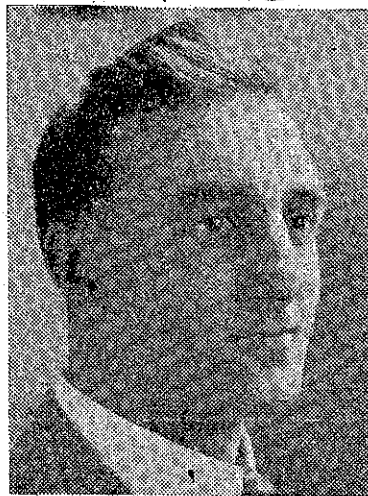
9.45: Bass-baritone, Leslie Fleming, "A Tavern Song" (Fisher); "Beware of the Maidens" (Day).

9.50: Recording (Wurlitzer Organ), Reginald Foort, "Leave Me Alone" (Dvorak); "Songs My Mother Taught Me."

9.54: Recording (Dramatic Recital), Bransby Williams, "The Caretaker" (Winter).

9.58: March, The Band, "Kneller Hall" (Greenwood).

Singing from 2YA To-night



W. B. Brough,

popular baritone, who will be heard from 2YA on Monday, October 17, in two groups, which will include "Glorious Devon" (German).

STEWART WARNER Round-the-World RADIO



CONSTRUCTION

YOUR prosperity demands that you buy N.Z.-made goods.

All STEWART-WARNER RADIOS are finished and built here in N.Z., creating work for skilled artisans of New Zealand.

Your modern STEWART-WARNER RADIO is a happy combination of the vast technical resources of one of the world's leading research laboratories and production plants, plus the best that New Zealand can produce in fine cabinet work and locally-patented power line filter. The complete product is a brilliant triumph in modern radios. Even the packing consists of a locally constructed carton or a New Zealand white pine case.

Clean, crisp melody issues at just the volume you decide, from a perfect reproducing device working with an amazing distance-getting electric mechanism, housed in a pleasing cabinet.

Consider STEWART-WARNER RADIO at this very moment. Think of the joy it will bring to your home. Remember, too, that in favouring this splendid Radio you not only make the best purchase for yourself, but you also help your fellow countrymen.

Flope Gibbons Ltd

RADIO DIVISION.

AUCKLAND, CHRISTCHURCH, WELLINGTON.
STEWART-WARNER COMPLIES WITH LATEST ELECTRICAL REGULATIONS.

4YA DUNEDIN. 650 kc.
Monday 17.

10.0: Selected recordings.

10.15: Devotional service.

10.45: Lecturette.

12.0: Lunch music.

2.0: Selected recordings.

3.15: Lecturette, Ida Devereux "Treatment and Care of the Feet."

3.30 and 4.30: Sports results.

5.0: Children, by Uncle Jack.

Dinner Music.

6.0: B.B.C. Wireless Symphony Orchestra, "Ruy Blas—Overture" (Mendelssohn). Brunswick Concert Orchestra, "The Perfect Song" (Breill). Edith Lorand Orchestra, "Three O'Clock in the Morning" (Robledo).

6.14: Regal Cinema Orchestra, "Sally" Selection (Kern). Miniature Concert Orchestra, "Yesterthoughts" (Herbert). Grand Symphony Orchestra, "Slavonic Rhapsody" (Friedmann).

6.32: Eastbourne Municipal Orchestra, "Silhouettes" (Arensky): (1) "Introduction"; (2) "La Coquette." New Queen's Hall Light Orchestra, "Wood Nymphs" Valse (Coates). Brunswick Concert Orchestra, "Sylvia" (Speaks). De Groot and New Victoria Orchestra, "Other Days" (arr. Pinck).

6.51: Edith Lorand Orchestra, "After the Ball" (Harris). Winter Garden Orchestra, "Thunder and Lightning" (Esther).

7.0: News and reports.

Concert Programme.

8.0: Association des Concerts Lamoureux Orchestra, "España" (Chabrier).

8.8: Bass, Norman Allin, "Arise, Ye Subterranean Winds"; "See, the Heavens Smile" (Purcell).

Persian Dances" (Moussorgsky). Instrumental Trio (Fritz Kreisler, Hugo Kreisler and M. Raucheisen), "Syncopation" (Kreisler).

6.27: Dajos Bela Orchestra, "The Grenadiers" Waltz (Waldteufel). Berlin State Opera House Orchestra, "Academic Festival" Overture (Brahms). J. H. Squire's Celeste Octet, "On Wings of Song" (Mendelssohn). Gil Dech Ensemble, "Italian Nights" (Roberts).

6.45: Organ, Stanley Macdonald, "La Rosita" (Dupont). La Scala Orchestra, "The Secret of Susanna" Overture (Wolf-Ferrari). National Symphony Orchestra, "The Irish Washerwoman." Royal Opera Orchestra, "Naila" Waltz (Delibes). Opera Comique Orchestra, "Gopak" (Moussorgsky).

7.0: News and reports.

7.30: W.B.A. Session—Dr. Winifred Haward, "Social and Economic Relations in Mediaeval England."

Concert Programme.

8.0: Band of First Canterbury Regiment (conductor, C. H. Hoskin), March—"Old Comrades" (Teike), Dramatic Scene—"The Wolf" (Shield).

8.13: Recording, sketch, B.B.C. Dramatic Players, "The Wrong Bus."

8.17: Recording, Circolo Mandolinistico Giuseppe Verdi of Leghorn, "Turn to Surriento" (de Curtis).

8.20: Contralto, Mrs. Tristram Willcox, "Serenity" (Gordon Bryan), "Heart of Gold" (Manney).

8.25: Recording: piano, violin and saxophone, Carroll Gibbons, "Body and Soul" (Green).

8.28: Overture, The Band, "Elfin Revels" (Rowlings).

8.36: Recording, Tenor, Henry Millidge, "Have You Seen but a White Lily Grow?"

8.14: Piano, Walter Gieseking, "Suite Bergamasque" (Debussy).

8.23: Humour, Clapham and Dwyer, "The Royal and Ancient Game" (Clapham and Dwyer).

8.28: Vocal Gems, Light Opera Company, "Follow a Star" (Ellis).

8.35: B.B.C. Wireless Military Band, "Polish Dance No. 1" (Scharwenka).

8.39: Soprano, Evelyn Scotney, "Voice di Primavera"; "Blue Danube" (Strauss).

8.46: Organ, Sydney Gustard, "Song Memories of the Past."

8.49: Selection, Jack Hylton and Orchestra, "Tommy's War-time Memories."

8.53: Tenor, Mario Chamlee, "A Dream of Love" (Liszt).

8.57: Trio, De Groot, David Bor, H. M. Calve, "El Religario" (Padilla).

9.0: Weather report and notices.

9.2: Talk, Leonard J. Cronin, "Foreign Affairs."

9.17: March, The Bombardiers Band, "Navy Blue and Gold."

9.20: Vocal Gems, Light Opera Company, "Dearest Enemy" (Rodgers).

9.24: The Dooleys, "An Old-Time Cross Patter Act" (Wood): (1) "The Millionaires"; (2) "I Love Maggie Maloney."

9.30: Cedric Sharpe Sextette, "Love's Old Sweet Song" (Molloy); "Intermezzo" (Coleridge-Taylor).

9.38: Baritone, Apollo Granforte, "Inno di Roma" (Puccini); "Inno al Duce" (Ihne).

9.46: Violin, Master Yehudi Menuhin, "La Folia" (Corelli).

9.53: Duet, Winnie Melville and Derek Oldham, "The Chocolate Soldier" (Strauss).

9.56: Selection, Debroy Somers Band, "Auld Lang Syne" Medley (arr. Somers).

10.3: Dance music.

2YB NEW PLYMOUTH 1280 kc.
Monday 17.

7.0 to 8.0: Family session, conducted by Uncles Joe and Ted.

8.0 to 10.0: Studio concert.

GROW and CURE YOUR OWN TOBACCO

There are very few gardens in New Zealand, even in the far south, that have not a corner sheltered and warm enough to grow good tobacco. It is only when it is to be grown in fields that it requires a really warm climate. The leaves are ready for picking a few months after planting seed. Curing one's own tobacco to the flavour desired is not difficult. If you tell us your favourite blend we can give you seed and a recipe that will produce approximately the same results. If you desire to have good tobacco at a fraction of a penny an ounce, please clip the coupon and send it to us.

SUNBEAM NURSERIES.

Box 1088, Wellington.

I enclose Postal Note for 2/6. Please send me a packet of seed and full particulars for growing and curing my own tobacco. I smoke (a pipe), (cigarettes). My favourite blend is

Name

Address

R.R.

Tuesday

Evening Talks: "Historical and General Principles of Town and Regional Planning"—Mr. W. J. Holdsworth.

1YA, 7.35 p.m.

"Music and Beauty in Many Lands"—Mrs. Gordon Robertson. 1YA, 9.3 p.m.

Agricultural Talk, "For the Man On the Land." 2YA, 7.40 p.m.

"Experience in the Secret Service"—Major J. Lewis. 2YA, 9.2 p.m.

"Books of the Month"—Mr. E. E. Wiltshire. 3YA, 7.30 p.m.

"Plans of Reconstruction" (third of series)—Mr. B. A. Quelch and Mr. Kemnitz (W.E.A. session). 4YA, 7.30 p.m.

"Chinese Songs and Customs," lecture-recital—Mr. J. B. Davies. 4YA, 9.2 p.m.

Features

1YA. Selected recordings.

2YA. Frank Crowther's Novelty Orchestra, and

Waiata Ladies' Quartet.

3YA. Christchurch Broadcasting Trio, Miss Addie Campbell (soprano), and Mr. J. K. Burt (baritone).

4YA. St. Kilda Band.

1YA

AUCKLAND

820 kc.

Tuesday 18.

10.0: Devotional service.

10.15: Selected recordings.

11.0: Talk, "Health."

11.15: Selected recordings.

12.0: Lunch hour music.

2.0: Selected recordings.

5.0: Children, by Uncle Dave.

Dinner Music.

6.0: Barnabas von Geczy and His Orchestra, "Strauss Waltz Medley" (Strauss). Berlin State Opera House Orchestra, "Aida" Selection (Verdi). Edith Lorand Orchestra, "Minuet" (Boccherini).

6.19: New Concert Orchestra, "Nights of Fragrance" (Ziehrer). New Queen's Hall Light Orchestra, "Summer Days Suite" (Coates): (1) "In a Country Lane"; (2) "On the Edge of the Lake"; (3) "At the Dance."

6.33: Berlin State Opera House Orchestra, "La Traviata" Prelude (Verdi). H.M. Air Force Band, "The Nightingale and the Frog" (Ellenberg). London Theatre Orchestra, "Frederica" Selection (Lehar).

6.49: J. H. Squire Celeste Octet, "Collette Valse" (Fraser-Simson). Columbia Symphony Orchestra, "Idilio" (Lack). International Novelty Orchestra, "Love Sends a Little Gift of Roses" (Openshaw).

7.0: News and reports.

7.35: Talk, J. W. Holdsworth, "Town Planning": "Historical and General Principles of Town and Regional Planning."

Concert Programme.

8.0: March, Symphony Orchestra, "Kaiser March" (Wagner). Vocal and Instrumental, Albert Sandler, Olive Graves, Jean Melville, "An Old Violin" (Fischer); "Looking For You" (Sander-son).

8.15: Piano, Ignaz Friedman, "Venetian Gondola Song"; "The Joyous Peasant"; "The Hunting Song" (Mendelssohn).

8.21: Bass, Robert Easton, "The Tune the Bosun Played" (Loughborough); "The Leader of the Town Brass Band" (Longstaffe).

8.27: Edith Lorand Orchestra, "Five Roumanian Dances" (Bartok).

8.30: Humour, Norman Long, "Side by Side" (Woods).

8.36: Cornet, John Robertson, "The

Debutante" (Clarke); "Il Bacio" (Arditi).

8.42: Soprano, Lotte Schumann, "Leonore's Aria" (Beethoven).

8.50: Harp, John Cockerill, "At the Fountain" (Zabel).

8.53: Instrumental, Jacques Thibaud, (violin), Pablo Casals (cello) and the Pablo Casals Orchestra, "Vivace Non Troppo from Double Concerto in A Minor" (Brahms).

9.1: Weather forecast and notices.

9.3: Talk, Mrs. Gordon Robertson, "Music and Beauty in Many Lands."

9.23: Overture, William Mengelberg and His Concertgebouw Orchestra, "Anacreon" (Cherubini).

9.35: Tenor, Hubert Eisdell, "All Suddenly the Wind Comes Soft" (Burr); "Do you Know My Garden?" (Wood).

9.41: Sandor Joszi Orchestra, with piccolo solo, "Love's Call" (Scharf).

9.44: Male Voices, The Revellers, "When Yuba Plays the Rumba on the Tuba" (Huffelda); "Dancing in the Dark" (Schwarz).

9.50: Wurlitzer Organ, Gerd Thomas, "Greetings to Sans Souci" (Niel).

9.53: Comedians, Amos 'n Andy, "Check and Double Check" (Gosden).

9.56: Waltz, Vienna Philharmonic Orchestra, "Die Kosenden" (Lanner).

10.0: Dance music.

2YA

WELLINGTON

720 kc.

Tuesday 18.

10.0: Selected recordings.

10.30: Devotional service.

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.

5.0: Children, by Jumbo.

Dinner Music.

6.0: Recording, Columbia Symphony Orchestra, "March of the Bojaren" (Halvorsen). New Light Symphony Orchestra, "The Merry Wives of Windsor" (Nicolai). J. H. Squire Celeste Octet, "Poem" (Fibich).

6.15: Herman Finck and His Orchestra, "Melodious Memories" (arr. Finck). Plaza Theatre Orchestra, "Pearl o' Mine" (Fletcher). Marek Weber and His Orchestra, "Old Vienna—Gems from Lanner's Waltzes" (Lanner, arr. Kremse).

Memorah Symphony Orchestra, "Shulamith" (Goldfaden).

6.36: G. T. Pattman, "Alice, Where Art Thou?" (Traditional). B.B.C. Wireless Military Band, "Dance of the Tumblers" (Rimsky-Korsakov). Victor Olof Salon Orchestra, "Callirhoe" (Chaminade). Ketelbey's Concert Orchestra, "Wedgwood Blue" (Ketelbey). J. H. Squire Celeste Octet, "The Picaninies' Picnic" (Squire).

7.0: News and reports.

7.40: Lecturette, Representative of Agricultural Department, "For the Man on the Land."

Concert Programme.

8.0: Selection, Frank Crowther's Novelty Orchestra, "Lady Be Good" (Gershwin).

8.10: Quartettes, The Waiata Ladies' Quartette, "Marie" (Franz); "Have You Seen But a White Lily Grow?" (Smith).

8.16: Recording (Vocal Duets), Layton and Johnstone, "River Stay 'Way From My Door" (Woods); "Just Friends" (Klenner).

8.22: Soprano, Nora Gray, "Caravan" (Martin Shaw); "Oh! Could I But Express in Song" (Malashkin).

8.28: Idyll, Frank Crowther's Novelty Orchestra, "Nodding Tulips" (Trinkaus). Xylophone, S. Bernard, "Tona" (Johnson). Waltz, Frank Crowther's Novelty Orchestra, "The Student Prince" (Romberg).

8.38: Recording (Humour), Norman Long, "The Isle of Hootcha Kootcha" (Mann); "I Had to go and Draw Another Pound Out" (Rose).

8.44: Recording (Accordion), Pietro, "Vivacity" (Pietro); "April Smile" (Depret).

8.50: Duets, Lalla Vondersloot and Phyllis Dean, "A Streamlet of Flowers" (Coraciolo); "Nearest and Dearest" (Coraciolo).

8.55: Recording (Humour), Burns and Allan, "Dizzy" (Allan).

9.0: Weather report and notices.

9.2: Lecturette, Major J. Lewis, "Experiences in the British Secret Service."

9.17: Violin, D. Collinson, "Meditation" from "Thais" (Massenet). Entrance, Frank Crowther's Novelty Orchestra, "Moonlight Dance" (Finck). Comedy One-step, "Santiago" (Sarony).

9.27: Contralto, Edna McCarthy, "Meadow Sweet" (Brahe); "Wait Till I Put on My Crown" (Burleigh).

9.33: Recording (Vocal Duets), Herbert Thorpe and Foster Richardson, "The Hero and the Villain" (Bowen); "Changing of the Guard" (Flotsam and Jetsam).

9.39: Recording (Banjo), Ernest Jones, "Return of the Regiment" (Grimshaw).

9.42: Trio, Waiata Ladies' Trio, "I Love a Little Cottage" (O'Hara) Quartette, Waiata Ladies' Quartette, "Sing a Song of Sixpence" (Cornwall).

9.49: Selection, Frank Crowther's Novelty Orchestra, "On With the Show, 1928" (arr. Debroy Somers).

3YA

CHRISTCHURCH

980 kc.

Tuesday 18.

10.0: Devotional service.

10.15: Selected recordings.

11.0: Talk, Miss M. O'Halloran, "Fashions."

11.15: Selected recordings.

11.40: Talk, Millicent Jennings, "Gardens and Gardening."

11.50: Selected recordings.

12.0: Lunch music.

2.0: Selected recordings.

3.30 and 4.30: Sports results.

5.0: Children, by Uncle Bill.

Dinner Music.

6.0: Philadelphia Symphony Orchestra, "Danse Orientale" (Glazounoff).

Herman Finck and His Orchestra, "Gaiety Echoes" (Monckton). Dajos Bela Orchestra, "Delirien Waltz" (Strauss). Marek Weber's Orchestra, "Coeur Brise" (Gillet). San Francisco Symphony Orchestra, "Caprice Viennois" (Kreisler).

8.22: Organ, G. T. Pattman, "Cherie" Waltz (Valentine). J. H. Squire Celeste Octet, "Everybody's Melodies" (arr. J. H. Squire). De Groot (violin), David Bor (piano), H. M. Calve (cello), "El Religario" (Padilla).

8.35: The Royal Opera Orchestra, Covent Garden, "Eugénie Onegin" Waltz (Tchaikowsky). Bernado Gallico and His Orchestra, "The Clock is Playing" (Blaauw). Pavillon Lescaut Orchestra, "Clog Dance" (Fetras).

8.46: Bournemouth Municipal Orchestra, "Don Giovanni," Act 1, Minuet (Mozart). Raie da Costa Ensemble "Funny Face" (Gershwin). National Symphony Orchestra, "Turkey in the Straw."

7.0: News and reports.

7.30: Talk, E. E. Wiltshire (Vice-President of Linwood Library), "Books of the Month."

Concert Programme.

8.0: Recording (Overture), Milan Symphony Orchestra, "Masaniello" (Auber).

8.10: Recording, Light Opera Orchestra, Vocal Gems, "Dearest Enemy" (Hart-Rogers).

8.14: Christchurch Broadcasting Trio, "Three Light Pieces" (Bohm).

8.23: Soprano, Addie Campbell, "A Dream of Delight" (Nicholls); "If Winter Comes" (Gideon).

8.30: Baritone, J. K. Burt, "The Yeomen of England" (German); "Because I Were Shy" (Cumberland folk song).

8.36: Recording, Percival MacKay's

Band, "The Vagabond King" (Friml). 8.44: Violin, Irene Morris, "La Precieuse" (Couperin).

8.47: Soprano, Addie Campbell, "Spring's Looking Out of Her Window" (Carew); "Little Brown Hands" (Lohr).

8.53: Recording (Scottish Comedian), Sir Harry Lauder, "The Pirate" (Lauder).

8.56: Broadcasting Trio, "Cantabile" (Widor).

9.1: Weather forecast and notices.

9.3: Reserved.

9.18: Recording, H.M. Grenadier Guards Band, "Humoresque" (Dvorak).

9.21: Baritone, J. K. Burt, "Sons of the Sea" (Coleridge Taylor).

9.25: Broadcasting Trio, "Autumn and Winter" (Glazounow); "Syncopeation" (Kreisler).

9.30: Dance music.

4YA

DUNEDIN.

650 kc.

Tuesday 18.

10.0: Selected recordings.

10.15: Devotional service.

10.45: Lecturette.

12.0: Lunch music.

2.0: Selected recordings.

3.15: Lecturette, S. B. Sinclair, "Beauty Culture."

3.30 and 4.30: Sports results.

5.0: Children, by Wendy and Aunt Leonore.

Dinner Music.

6.0: Berlin Philharmonic Orchestra, "Grand March from 'Tannhauser'" (Wagner). Vienna Philharmonic Orchestra, "Il Seraglio" Overture (Mozart).

F. Rowland-Tims, F.R.C.O., "Melody" (Dawes). Victor Salon Orchestra, "The World is Waiting for the Sunrise" (Lockhart).

6.15: Mayfair Orchestra, "Nights of

RADIOTRONS



get something more out of the poorest set; and nothing but genuine Radiotrons can call forth the best a really fine set is capable of giving.

Superior resources of research and manufacture guarantee to Radiotrons the finest possible quality in Valves. They are the

STANDARD OF THE INDUSTRY

... and so accepted by both the trade and the public ... yet Radiotrons cost no more than ordinary valves.

Sold by all good Radio Dealers.

Amalgamated Wireless
(Asia) Ltd.

Box 830.

WELLINGTON.

"The SPORT of KINGS"

Ian Hay's Popular Play
adapted for Radio Presentation and directed
by

Victor S. Lloyd

From 2YA

FRIDAY, 21st October

Gladness" Waltz (Ancliffe). Regal Cinema Orchestra, "A Musical Jig-saw" (arr. Aston). Royal Opera Orchestra, Covent Garden, "Berceuse" (Jarnefeldt). Paul Whiteman and Orchestra, "Song of India" (Rimsky-Korsakov). J. H. Squire Celeste Octet, "Two Eyes of Grey" (McGeoch). Jack Hylton and Orchestra, "When the White Elder Tree Blooms Again" (Doelle). Dajos Bela Orchestra, "The Zarewitsch" Pot-pourri (Lehar). Paul Whiteman and Orchestra, "Liebestraum" (Liszt).

6.52: Poltronieri String Quartet, "Allergo Con Brio" (Boccherini). International Novelty Quartet, "Stephanie-Garotte" (Czibulka).

7.0: News and reports.

7.30: W.E.A. Session, B. A. Quelch and Mr. Kemnitz, "Plans of Reconstruction," (Third of series.)

Concert Programme.

8.0: Thirty minutes of recordings.

8.30: March, St. Kilda Band, "Red Gauntlet" (Rimmer). Intermezzo, St. Kilda Band, "Chant Sans Paroles" (Tchaikowsky).

8.40: Hansel and Gretel will Entertain.

8.48: Cornet, W. Barke, "Merry-go-Round" (Rimmer).

8.54: Bass, F. C. Cooper, "Simon the Cellarer" (Hatton); "Bonnie George Campbell" (Keel).

9.0: Weather report and notices.

9.2: Lecture-recital, J. B. Davies, "Chinese Songs and Customs."

9.17: Selection, The Band, "Egmont" (Beethoven).

9.29: Recording (Humour), Julian Rose, "Levinisky at the Wedding."

9.35: Hansel and Gretel will Entertain.

9.44: Waltz, The Band, "Thoughts" (Alford).

9.51: Bass, F. C. Cooper, "Galloping Dick" (Fletcher); "Tally Ho!" (Leoni).

9.56: March, The Band, "St. Kilda" (Trussell).

Marvellous NEW SEEDS And GARDEN SEEDS 2d. a Packet

ORDINARY SEEDS 2d. PKT.

We sell all ordinary flower and vegetable seeds in 2d. packets and peas and beans in 3d. packets, add 1d. for postage to orders for these seeds. No order less than 1/-.

BURNING BUSH.

The most striking of all annuals during the Autumn months, the whole shapely bush goes rich russet crimson, making an unbelievably lovely display. 1/- pkt.

TREE MARIGOLD.

Will grow five feet high and produce immense masses of flowers far on into the winter. 1/- a Packet

SUNBEAM BROAD BEAN.

A broad bean with edible pods. Has the hardness of the broad bean and the tenderness of the French bean. 1/- a Packet

PERENNIAL CAULIFLOWER.

A most marvellous vegetable. Produces fifteen full-sized heads a year. 1/- a Packet

SUNBEAM BLUE BEAN.

A French bean with blue flowers, lavender leaves and dark blue pods. Most decorative in the garden and most delicious on the table. 1/- a Packet

INDIAN PORCELAIN PLANT.

Striking annual. Produces an abundance of large, beautiful and highly-coloured fruit which, when dried, make most delightful vases. 1/- a Packet

GIANT CABBAGE.

Weights up to 50lbs. Easily grown. Excellent for table. 1/- a Packet

SPINACH PLANT.

A small, hardy bush which produces, all the year round, a profuse crop of leaves tasting exactly like delicate spinach. 1/- a Packet

SUNBEAM OYSTER PLANT.

A greatly improved and enlarged brand of salafy. Very easily grown. Is delicious with white sauce, and when in patties cannot be distinguished from real oyster. 1/- per Packet

GIANT BEAN.

Runner Bean with pods up to 3 feet. Easily grown; excellent for table. 1/- a Packet

SUNSHINE MELON.

A delicious rock melon so hardy that it has been grown successfully in Invercargill. 1/- a Packet

GIANT CARROT.

Superb vegetable. Normally 3ft. long and 6in. thick, and always deliciously tender. 1/- a Packet

ODOURLESS ONION.

A large, fine onion almost completely without odour; very hardy. 1/- a Packet

CHINESE LANTERN PLANT

A showy annual with great masses of orange and scarlet fruit, resembling Chinese lanterns. Unequalled for winter decoration. 1/- a packet.

SUNSHINE CUCUMBER.

A new and enormously hardy and prolific cucumber that climbs fences like a runner bean. 1/- a Packet
Any three 1/- packets for 2/6, and seven for 5/-. Whole lot for 10/-.

SUNBEAM NURSERIES

Box 1088, Dept. R.R., Wellington.

Sunbeam Nurseries are now bought and controlled by Town and Country Stores, Ltd.

1YA AUCKLAND 820 kc.
Wednesday 19.

- 10.0: Devotional service.
10.15: Selected recordings.
11.0: Talk.
12.0: Lunch music.
2.0: Selected recordings.
5.0: Children, by Uncle Reg.

Dinner Music.

6.0: Milan Symphony Orchestra, "Semiramide Overture" (Rossini). Orchestre Symphonique de Paris, "L'Arlesienne Suite" Adagietto (Bizet). Parlophone Salon Orchestra, "A Lover in Damascus" (Woodforde-Finden).

6.21: Dajos Bela Orchestra, "Dynamiden" Waltz (Strauss). Halle Orchestra, "Capriccio Espagnole" (Rimsky-Korsakov). London Symphony Orchestra, "Chanson de Matin" (Elgar).

6.42: Ketelbey's Concert Orchestra, "By the Blue Hawaiian Waters" (Ketelbey). Capitol Theatre Trio, "My Isle of Golden Dreams" (Blaufuss). Berlin State Opera House Orchestra, "From Foreign Parts"—"Spain" and "Hungary" (Moszkowski).

7.0: News and reports.

7.30: Talk, Workers' Educational Association: W. R. Kingston-Smith, "Germany To-day: Hitler and Hindenberg."

Concert Programme.

8.0: Selected recordings.

8.30: Programme by New Zealand League of Penwomen. Mezzo-contralto, Mrs. Harold King, "Lament of Tangiwhai"; "Kotiri Poi"; "Legend of Puhinui" (King).

9.40: Record, Olshane's Orchestra, "Sarba Macarline" (Moskow).

8.43: Sketch, "Wanted a Companion" (Oona Burton).

8.53: Mrs. Herbert Bloy, "My Joys" Chante Polonaise (Chopin-Liszt); "The Aeroplane" (Eaton Fanning).

9.1: Weather forecast and notices.

9.3: Talk, Captain R. R. B. Falcon, "The North West Frontier of India."

9.18: Viola, Amy Stevenson, "The Snowy Breasted Pearl" (arr. Gifford); "Humoresque" (Dvorak).

9.24: Contralto, Ida Walker, "Horses of the Dawn"; "Moon Canoe" (Mary Brett).

9.30: Dance music.

2YA WELLINGTON 720 kc.
Wednesday 19.

- 10.0: Selected recordings.
10.30: Devotional Service.
11.37: Lecturette, "Hollywood Affairs."
12.0: Lunch Music.
2.0: Selected recordings.
5.0: Children, by Aunt Molly.

Dinner Music.

6.0: Recording, National Symphony Orchestra, "Norma" (Bellini). Frank Westfield's Orchestra, "Serenade" (Heykins). Dajos Bela String Orchestra, "Goldregen" Waltz (Waldteufel). Continental Novelty Orchestra, "Los Claveles de Sevilla" (Guerrero).

6.15: Dajos Bela Orchestra, "Pique

Wednesday

Evening Talks: "Germany To-day: Hitler or Hindenburg?"—Mr. W. R. Kingston-Smith (W.E.A. session).

1YA, 7.30 p.m.

"The North-West Frontier of India"—Captain R. R. B. Falcon. 1YA, 9.3 p.m.

"International Affairs"—Dr. Guy H. Scholefield, O.B.E. 2YA, 9.2.

Addington Market Reports. 3YA, 7.30.

"America's New President"—Mr. L. C. Webb. 3YA, 9.2 p.m.

Dialogue: "Farmer Brown and the Instructor"—Messrs. R. B. Tennent and L. W. McCaskill. 4YA, 7.15 p.m.

Features

1YA. Miscellaneous programme by N.Z. League of Penwomen.

2YA. Selected recordings.

3YA. Selected recordings.

4YA. Relay of Dunedin Symphony Orchestra's concert.

Dance" Fantasia (Tschaiakowsky). Vienna Harmonic Orchestra, "Turkish March" (from "Ruins of Athens"), (Beethoven). G. T. Pattman, "Cinderella" Waltz (Pattman). Berlin State Opera Orchestra, "German Dances" (Mozart).

6.36: Frank Westfield's Orchestra, "The Druid's Prayer" (Davson). Heerman Trio, "Dalvisa" (Sandby). Albert Sandler and Orchestra, "Give Me Back My Heart" (Novello). H.M. Coldstream Guards Band, "Patience"—Selection (Sullivan).

6.53: Recording, Continental Novelty Orchestra, "Las Lagarteranas" (Foulkes). Recording, De Groot and the Piccadilly Orchestra, "Till I Wake" (Woodforde-Finden).

7.0: News and reports.

7.40: Talk, T. S. Waugh, N.D.H., "Gladioli—Topical Reminders."

Concert Programme.

8.2: Overture, Massed Military Bands, "If I Were King" (Adam).

8.8: Vocal Gems, Light Opera Company, "Faust" (Gounod).

8.16: Piano, Irene Scharrer, "Hungarian Rhapsody No. 12" (Liszt).

8.24: Baritone, Harry Dearth, "Lighterman Tom" (Squire).

8.28: Humour, Haver and Lee, "A Smash and Grab Raid" (Haver and Lee).

8.34: Orchestra, Chas. Prentice and His Orchestra, "Daly's Theatre Waltz Memories."

8.40: Vocal, Yvonne Printemps, "Pot-pourri d'Alain Gerbault" (arr. Printemps).

8.48: 'Cello, W. H. Squire, "The Broken Melody" (van Biene).

8.52: Band, H.M. Coldstream Guards Band, "Dorothy" Selection (Cellier).

9.0: Weather report and notices.

9.2: Talk, Dr. Guy H. Scholefield, O.B.E.

9.20: Band, Band of H.M. Coldstream Guards, "Leslie Stuart's Songs" Selection (Stuart).

9.28: Contralto, Essie Ackland, "Tired Hands" (Sanderson).

9.32: Violin, Master Yehudi Menuhin, "Concerto No. 1 in G minor"—1st mvt. (Bruch).

9.40: Vocal Gems, Columbia Light Opera Company, "Les Cloches de Corneville" (Planquette).

9.48: Organ, G. Thalben Ball, "Ride of the Valkyries" (Wagner).

9.52: Baritone, Harry Dearth, "The Fly be on the Turmuts" (arr. Whentley).

9.56: Orchestra, Marek Weber Orchestra, "Three Old Hags" (Kollo).

3YA CHRISTCHURCH 980 kc.
Wednesday 19.

10.0: Devotional service.

10.15: Selected recordings.

11.30: Talk, C. G. Pegg (Physical Instructor Y.M.C.A., Christchurch), "The Play Instinct."

12.0: Lunch music.

2.0: Selected recordings.

3.30 and 4.30: Sports results.

5.0: Children, by "Uncle Jim."

Dinner Music.

6.0: Berlin State Opera House Orchestra, "La Fera-Spanish Suite" (Lacome). Johann Strauss and Symphony Orchestra, "Freuet Euch Des Lebens—Waltz" (Strauss). Brunswick Concert Orchestra, "Rosine" (Warde).

6.13: Orchestra Mascotte, "The Faithful Hussar" (Franzen). Berlin State Opera House Orchestra, "Polonaise No. 2" (Liszt). A. and P. Gypsies, "The Far-Away Bells" (Furber). H.M. Grenadier Guards' Band, "Merrie England" Selection (German).

6.35: Brunswick Concert Orchestra, "Dixie March" (Emmett). Frank Westfield's Orchestra, "Chu Chin Chow" Selection (Norton). Johann Strauss and Symphony Orchestra, "Thousand and One Nights" Waltz (Strauss). New Light Symphony Orchestra, "Hearts and Flowers" (Tobani).

6.50: Lucerne Kursaal Orchestra, "Dance of the Flowers" (Delibes). Orchestra Mascotte, "Woodland Joys—Novelty Waltz" (Lindstrom).

7.0: News and reports.

7.30: Addington stock market reports.

Concert Programme.

8.2: Opera Comique Orchestra, "L'Enfant Prodigue": (a) "Prelude Cortège"; (b) "Air de Dance" (Debussy).

8.10: Light Opera Company, "The Geisha" (Jones).

8.18: Organ, Quentin Maclean, "Organ Medley of Song Hits 1930."

8.26: Tenor, Joseph Hislop, "In Distant Lands" (Wagner).

8.30: Comedian, Billy Bennett, "If Winter Comes" (Bennett).

8.34: John Barbirolli's Chamber Orchestra, "Introduction and Allegro for Strings" (Elgar).

8.50: Soprano, Gladys Moncrieff, "The Pipes of Pan Are Calling"; "Arcady is Ever Young" (Monckton).

8.56: Piano, Karol Szezter, "Boite a Musique" "Spieluhr" (Sauer).

9.0: Weather forecast and notices.

9.2: Talk, L. C. Webb, "America's Next President."

9.17: Fantasia, Great Symphony Orchestra, "Fortissimo" (Kalman).

9.25: Tenor, Frances Russell, "Prize Song" (Wagner).

9.29: Organ, Edouard Commette, "Fantasie in G Minor" (Bach).

9.37: Humorous Sketch, Clapham and Dwyer, "The Royal and Ancient Game" (Clapham and Dwyer).

9.43: Sydney Baynes and His Orchestra, "Old England" Selection (arr. Baynes).

9.47: Bass-baritone, Peter Dawson, "Thou'rt Passing Hence" (Sullivan).

9.52: H.M. Grenadier Guards' Band, "Old Folks at Home and in Foreign Lands" (C. J. Roberts).

10.0: Dance music.

4YA DUNEDIN 650 kc.
Wednesday 19.

10.0: Selected recordings.

10.15: Devotional service.

10.45: Lecturette, "Pot Plants and Their Cultivation."

12.0: Lunch music.

2.0: Selected recordings.

3.15: Lecturette, Home Science Extension Department, "Care of Food in the Home—The Iceless Icebox."

3.30 and 4.30: Sports results.

5.0: Children, by Big Brother Bill.

Dinner Music.

6.0: New Mayfair Orchestra, "Tolly to be Wise" Selection. Band of H.M. Coldstream Guards, "Selection of Wilfred Sanderson's Songs." Orchestra Mascotte, "Mimosa Waltz" (Jones).

6.15: John Hassell, "By the Waters of Minnetonka" (Lieurance). Miniature Concert Orchestra, "Punchinello" (Herbert). Debroy Somers Band, "Stealin' Tho' the Classics" (arr. Somers).

6.30: Ormandy Instrumental Trio, "From the Land of the Sky-blue Water" (Cadman). Marek Weber and Orchestra, Fantasia on the Song "Long, Long Ago" (Dittrich). Orchestra Mascotte, "Love Bells" Waltz (Benatzky). De Groot and Piccadilly Orchestra, "Charmaine" (Polack). New Light Symphony Orchestra, "Spanish Dance, No. 3" (Granados).

6.47: J. H. Squire Celeste Octet, "The Butterfly" (Bendix). New Mayfair Orchestra, "Blue Rcses" Selection (Ellis). Winter Garden Orchestra, "Storm Galop" (Komzak).

7.0: News and reports.

7.15: Dialogue, R. B. Tennent and L. W. McCaskill, "Farmer Brown and the Instructor."

Concert Programme.

8.0: Relay from His Majesty's Theatre of Concert by the Dunedin Symphony Orchestra. Conductor, Mons. B. L. H. de Rose. Soloists: Madame Annette Chapman (soprano), Miss Koa Oliver (pianist), Mr. Arthur Lungley (baritone).

Items to be performed by the Symphony Orchestra include:—Overture, "Benvenuto Cellini" (Berlioz).

Selection, "Autar" (Rimsky-Korsakov).

Selection, Funeral March from "Twilight of the Gods" (Wagner).

Intermezzo, Op. 13 (Arensky).

Fantasia from "Tosca" (Puccini).

2YB NEW PLYMOUTH 1230 kc.
Wednesday 19.

6.30 to 7.30: Children's session, conducted by Uncle Ted and Aunt Betty.

8.0 to 10.0: Studio concert.

Use Our Booking Offices in Advance

S-O-S

TRAVEL IN COMFORT BY
CAR

WELLINGTON — PALMERSTON
NEW PLYMOUTH

IYA AUCKLAND 820 kc.
Thursday 20.

- 10.0: Devotional service.
10.5: Selected recordings.
11.0: Talk, "Domestic Electrical Apparatus."
11.15: Selected recordings.
12.0: Lunch music.
12.30: Relay, Mid-day Service from St. Matthew's Church.
12.50: Lunch music.
2.0: Selected recordings.
3.15: Home Science Talk, "Let's Have Coffee."
3.25: Selected recordings.
5.0: Children, by Skipper.

Dinner Music.

- 6.0: Grand Symphony Orchestra, "Lustspiel" Overture (Kela Bela). J. H. Squire Celeste Octet, "Twilight on the Waters" (Squire). Dajos Bela Orchestra, "I Pagliacci" (Leoncavallo).
6.14: Orchestra Mascotte, "Hobgoblins' Review" (Noack). Dajos Bela Orchestra, "Viennese Waltz Pot-pourri" (Robrecht). Milan Symphony Orchestra, "La Maschere Sinfonia" (Mascagni).
6.32: Grand Symphony Orchestra, "Nais" Ballet Intermezzo (Delibes). Sir Henry J. Wood's Symphony Orchestra, "Prelude in C Sharp Minor" (Rachmaninoff). State Opera Orchestra, Berlin, "Kamarsinkaya—Fantasie on Two Russian Folk Songs" (Glinka). La Argentina, Castanets, with Orchestra, "Dance No. 5" (Gragados).
6.48: Orchestre Symphonique de Paris, "L'Arlesienne Suite"—Entr'acte—Le Carillon (Bizet). J. H. Squire Celeste Octet, "The Chorister's Dream" (Ward). H.M. Coldstream Guards Band, "The Belle of New York" Selection (Kerker).
7.0: News and reports.
7.30: Workers' Educational Session, Miss L. M. Cranwell, M.A., "Plants in the Service of the Maori: Timbers for Carving and Canoe Building."

Concert Programme.

(Relay to 12H, Hamilton.)

- 8.0: Recording (March), Sousa's Band, "Golden Jubilee" (Sousa).
8.4: Radio Revue, "Oh! I Say, Auckland" (written and produced by G. A. Thomas)—burlesque panorama of a day in a broadcasting studio.
9.0: Weather forecast and notices.
9.2: Part II of Revue "Oh! I Say, Auckland."

2YA WELLINGTON 720 kc.
Thursday 20.

- 10.0: Selected recordings.
10.30: Devotional service.
10.45: Lecturette, "Cooking by Electricity."
11.37: Lecturette, Representative, Health Department, "Health Hints."
12.0: Lunch music.
2.0: Selected recordings.
3.15: Lecturette—Talk prepared by the Home Science Extension Department of the Otago University, "Let's Have Coffee."
3.30 and 4.30: Sports results.
5.0: Children, by Big Brother Jack.

Dinner Music.

- 6.0: Recording, Chicago Symphony Orchestra, "Russian and Ludmilla" (Glinka). De Groot and His Orchestra, "I Love You" (Grieg). National Symphony Orchestra, "Spanish Dance No. 2 in G Minor" (Moszkowski). Dajos Bela Orchestra, "You and You" (Strauss).
6.14: J. H. Squire Celeste Octet, "Miz-

Thursday

Evening Talks: "Plants in the Service of the Maori: Timbers for Carving and Canoe Building"—Miss L. M.

- Cranwell, M.A. IYA, 7.30.
"What Should Children Learn?"—Mr. A. E. Campbell, M.A., Dip.Ed., 2YA, 7.30 p.m.
"Haast in Society: The Good Old Days of Canterbury," illustrated lecture—Mr. H. F. von Haast. 2YA, 9.2 p.m.
"Forestry"—Mr. C. E. Foweraker. 3YA, 7.30.
"Animal Welfare Week"—Rev. W. Saunders. 4YA, 7.40.

Features

- IYA. Radio revue: "Oh! I Say, Auckland"—burlesque of a day in a broadcasting studio.
2YA. Miss A. V. Lambourne (mezzo-soprano), Mr. C. Edgar (baritone), 2YA Concert Orchestra
3YA. Richard Wagner's music drama, "Tannhauser," by Royal Christchurch Musical Society (relay).
4YA. Theme programme, "A Breath of England"—Dunedin Glee Singers, and de Rose Octet.

non"—Introduction et Romance (Thomas). The London Palladium Orchestra, "Sunset" (Matt). Stanley Macdonald, "Nicolette" (Connelly).

6.25: Reginald King and His Orchestra, "Song o' My Heart." San Francisco Symphony Orchestra, "Valse de Concert" (Glazounov). Grand Symphony Orchestra, "The Tea House of a Hundred Steps" (Yoshitomo).

6.45: Royal Opera Orchestra, "Prelude 'The Huntress' from 'Sylvia Ballet'" (Delibes). Edith Lorand Orchestra, "Winter Storms" (Fueik). Minneapolis Symphony Orchestra, "March Militaire" (Schubert).

7.0: News and reports.

7.30: W.E.A. Session, A. E. Campbell, M.A., Dip. Ed., "Education To-day and To-morrow—What Should Children Learn?"

Concert Programme.

- 8.0: Selection, The Orchestra, "Rigoletto" (Verdi).
8.10: Baritone, C. Edgar, "The Old Black Mare" (Squire); "The Little Irish Girl" (Lohr).
8.16: Valse, The Orchestra, "Toreador" (Royale).
8.21: Recording (Humour), Clapham and Dwyer, "A Spot of Income Tax Bother" (Clapham and Dwyer).
8.27: Mezzo-soprano, A. V. Lambourne, "When Song is Sweet" (Sans Souci); "Like to a Damask Rose" (Elgar).
8.33: Instrumental, The Orchestra, Incidental Music from "Othello" (Coleridge-Taylor): (1) "Dance," (2) "Children's Intermezzo," (3) "Willow Song," (4) "Military March."
8.48: Recording (Male Quartet), Dixieland Four, "Down by the Old Mill Stream" (Taylor); "Put On Your Old Grey Bonnet" (Wearick).
8.54: Recording (Humour), Norman Long, "Hidden Heroes" (Rose); "Ideal Homes" (Rose).
9.0: Weather report and notices.
9.2: Illustrated Lecturette, H. F. von Haast, "Haast in Society." "The Good Old Days of Canterbury." Songs: "The Manaia" (extract); "Maiden, Look, Look, Look"; "The Little Drummer Boy."
9.17: Instrumental, The Orchestra, "Serenade au Printemps" (Mascheroni).
9.22: Baritone, C. Edgar, "The Floral Dance" (Moss).
9.26: Recording, Honolulu Players, "Leilehua—Ahula" (King). Recording, Emil Velasco (organist) and Silver Bell Male Quartet, "When They Ring the Golden Bells for You and Me" (Marbelle).
9.32: Instrumental, The Orchestra,

"Minuet" from "The Military Symphony" (Haydn).

9.37: Mezzo-soprano, Miss A. V. Lambourne, "Break o' Day" (Sanderson); "Song of Florian" (Godard).

9.43: Recording (Story), Edgar Wallace, "The Man in the Ditch" (Wallace).

9.49: Recording (Vocal Duet), Winnie Melville and Derek Oldham, "The Old Sweet Song" (arr. Kelp); "Love's Dream" (arr. Besly).

9.55: March, The Orchestra, "Devil-May-Care" (Lincke).

3YA CHRISTCHURCH 980 kc.
Thursday 20.

- 10.0: Devotional service.
11.0: Talk, Mrs. Olds, "Beauty Hints—The Hair."
12.0: Lunch music.
2.0: Selected recordings.
3.15: Home Science Talk, prepared by the Home Science Extension Service of Otago University, "Let's Have Coffee."
3.30 and 4.30: Sports results.
5.0: Children, by Ladybird and Uncle Dick."

Dinner Music.

- 6.0: Piccadilly Orchestra, "The Waltz Dream" (Strauss). Plaza Theatre Orchestra, "Scarf Dance"; "Pierrette" (Chaminade). J. H. Squire Celeste Octet, "Operatica" (arr. Squire). Dajos Bela Orchestra, "Woodland Peace" Waltz (Favilla).
6.22: J. H. Squire Celeste Octet, "Ave Maria" (Bach-Gounod). Coldstream Guards Band, "Suite Francaise" (Poultis). Marek Weber and His Orchestra, "Tres Jolie" Waltz (Waldteufel).
6.42: Organ, Reginald Foort, "The Sacred Hour" (Ketelbey). Albert Sandler and His Orchestra, "Salut d'Amour" (Elgar). Opera Comique Orchestra, "Scenes Pittoresques"—March and Fete Boheme (Massenet). Orchestra, Mascotte, "Amoureuse" Waltz (Berger).
7.0: News and reports.
7.30: Talk, C. E. Foweraker (Lecturer in Charge of School of Forestry), "Forestry."
8.0: Relay from Civic Theatre. Royal Christchurch Musical Society in "Tannhauser" (Wagner), under conductorship of W. H. Dixon, L.R.A.M., A.R.C.M., with full chorus and orchestra. Soloists: Herman Landgrave of Thuringia (bass), Mr. T. D. Williams; Tannhauser (tenor), Mr. Hubert Carter; Wolfram von Eschlinbach (baritone), Mr. R. J. Laurensen; Walther von der Vogelweide (tenor), Mr. E. G. Rogers; Biterolf (bass), Mr. J. Y.

Wilson; Heinrich der Schreiber, Mr. Ernest Rogers; Heimar von Zweter (bass), Mr. J. Filer; Elizabeth (Niece of the Landgrave; soprano), Madame Winnie Fraser; Venus (soprano), Madame Winnie Fraser; Four Noble Pages (soprano and alto). (Chorus of Thuringian Nobles and Knights, Ladies, Elder and Younger Pilgrims.)

4YA DUNEDIN. 650 kc.
Thursday 20.

- 10.0: Selected recordings.
10.15: Devotional service.
10.45: Lecturette, J. V. Hanna, "Physical Culture for Women."
12.0: Lunch music.
2.0: Selected recordings.
3.15: Lecturette, Stan. Lawson, "Fancy Dancing."
3.30 and 4.30: Sports results.
5.0: Children, by Big Brother Bill.

Dinner Music.

- 6.0: Plaza Theatre Orchestra, "A Musical Switch"—Humoresque (arr. Alford). Salon Orchestra, "Serenade" (Schubert).
6.14: Marek Weber and Orchestra, "From Mozart's Treasure Store" (Urbach). International Concert Orchestra, "Love and Spring" Waltz (Waldteufel). Regimental Band of H.M. Grenadier Guards, "Parade of the Elephants" (Chenette).
6.29: London Symphony Orchestra, "Czar Sultan" Suite, No. 3 (Rimsky-Korsakov). Zonophone Salon Orchestra, "In the Shadows" (Finck). Marek Weber and Orchestra, "La Tosca" (Potpourri (Puccini).
6.48: Orchestra Mascotte, "The Gipsy Princess" Waltz (Kalman). Zonophone Salon Orchestra, "Sweet Adeline" (Armstrong). Pavilion Lescant Orchestra, "I Drive Out in My Little Limousine" (Cowler).
7.0: News and reports.
7.40: Talk, Rev. W. Saunders, "Tao Forthcoming Animal Welfare Week."

Concert Programme.

- "A Breath of England": Featuring an Hour with England's Lighter Composers.
8.0: Recording, Band of H.M. Grenadier Guards, "Hyde Park Suite" (Jalowiez).
8.9: Part Songs, The Dunedin Glee Singers, "Bells of St. Michael's Tower" (Stewart); "The Silver Swan" (Gibbons).
8.15: Selection, The de Rose Octet, "The Mikado" (Sullivan).
8.25: Recording (Talking), Henry Ainley, "Charge of the Light Brigade" (Tennyson); "A Chant of Love for England" (Cone).
8.39: Madrigal, The Dunedin Glee Singers, "Thora Gave Me Fairest Flowers" (Wilbye).
8.35: Selection, The Octet, "Wedgewood Blue" (Ketelbey); "Slumber Song" (Squire).
8.40: Humorous Part Song and Madrigal, The Dunedin Glee Singers, "Alexander" (Brevier); "Adieu, Sweet Amaryllis" (Wilbye).
8.45: Selection, The Octet, "This Year of Grace" (Coward).
8.55: Part Songs, Dunedin Glee Singers, "How Sweet the Moonlight Sleeps" (Wood); "All in the April Evening" (Robertson).
9.0: Weather report and notices.
9.2: Reserved.
9.17: Selection, The de Rose Octet, "High Jinks" (Friml).
9.25: Part Song, The Dunedin Glee Singers, "Believe Me If All Those Endearing Young Charms" (Traditional). Chorus, The Dunedin Glee Singers, "Uncle Ned" (Foster).
9.30: Dance music.

IYA

AUCKLAND

820 kc.

Friday 21.

- 10.0: Devotional service.
 10.15: Selected recordings.
 11.0: Talk, "Home Industries."
 11.15: Selected recordings.
 12.0: Lunch music.
 2.0: Selected recordings.
 5.0: Children, by Aunt Jean and Nod.

Dinner Music.

6.0: Vienna Philharmonic Orchestra, "Morning, Noon and Night in Vienna" Overture (Suppe). Eastbourne Municipal Orchestra, "Tarantelle" (Saint-Saens). Marek Weber and His Orchestra, "Lebariana" (Geiger).

6.20: Marek Weber and His Orchestra, "Amorettenanze" Waltz (Gungl). Berlin State Opera House Orchestra, "Schwanda, the Bagpipe Player." Grand Symphony Orchestra, "Midsummer's Night Dream" Scherzo (Mendelssohn).

6.36: New Symphony Orchestra, "Le Cid Ballet Music" (Massenet): (1) Castillane, (2) Aubade, (3) Andalouse, (4) Arragonaise, (5) Madrilene, (6) Navarraise. Jacques Jacobs' Ensemble, "Sobre Las Olas" (Rosas). Royal Opera Orchestra, "Shepherd Fennel's Dance" (Balfour Gardiner).

- 7.0: News and reports.
 7.30: Sports talk.

Concert Programme.

8.0: Recording (March), Band of H.M. Grenadier Guards, "Naval March."

8.4: Soprano, Mrs. Hal. C. McLennan, "Love's a Sailor" (Kent). Flute, Hal. C. McLennan, "Le Carnaval Russe" (Ciardi).

Instrumental, Zeloso Trio, "Jazz Diversity" (arr. McLennan).

Piano, O. Cheeseman, "Minuet" (Paderewski).

Soprano, Mrs. Hal. C. McLennan, "Flow Gently, Sweet Afton" (Spilman). 8.17: Jack Hyllton and His Orchestra, "Old-time Sea Songs."

8.25: Baritone, Geoffrey Colledge, "Ho, Jolly Jenkin" (Sullivan); "Five and Twenty Sailormen" (Coleridge-Taylor).

8.31 p.m.: Xylophone—Ray Jury. (a) "Rubber Plant Rag" (Cobb) (Jacobs); (b) "Teddy Bear's Picnic" (Bratton) (Witmark).

8.38: Recording (Comedy), Jim Slippy, "Once Aboard the Luggie" (Sarony).

8.41: Organ, Arthur E. Wilson, "Paraphrase on 'See the Conquering Hero'" (Guilmant); "Thanksgiving" (Hosmer); "Cortege Funebre" (Dubois); "Pomp and Circumstance, No. 1" (Elgar).

9.1: Weather report and notices.

9.3: Talk, A. B. Chappell, "Topical Talk."

9.18: Zeloso Trio.

Piano, O. Cheeseman, "Polly" (Zamecnik). Song, Mrs. Hal. C. McLennan, "The Rain Fairy" (Arundale).

Flute, Hal. C. McLennan, "Silver Threads Among the Gold" (Danks). 9.28: Recording, Francis Russell and Stuart Hibberd, "The Death of Nelson" (Braham).

9.28: Recording, Band of H.M. Grenadier Guards, "Wraths on the Sea" (Carlton).

9.30: Baritone, Geoffrey Colledge, "Sea Fever" (Ireland); Muletter of Malaga" (Trotter).

9.46 p.m.: (a) "Llewellynian Polka" (Llewellynian) (Dixie). (b) "Log Cabin Blues" (Green) (Green).

9.52: Recording, New Queen's Hall Light Orchestra, "Britannia" (MacKenzie).

Friday

Evening Talks: Sports Talk. IYA, 7.30 p.m.

Topical Talk—A. B. Chappell. IYA, 9.3 p.m.

"Town Planning"—Mr. J. W. Mawson, F.R.I.B.A., M.P.T.I. 2YA.

"Bacteria in Peace and War"—Mr. J. J. S. Cornes, B.A., B.Sc. (W.E.A. session). 3YA, 7.30 p.m.

"How the War was Financed"—Mr. Lloyd Ross, M.A. (W.E.A.). 4YA, 7.30 p.m.

Features

IYA. Nautical Melodies (Trafalgar Day).

2YA. "The Sport of Kings."—Victor S. Lloyd.

3YA. Light popular programme by Studio Orchestra and 3YA artists.

4YA. "Nautical Memories" (8-9 p.m.). "Memories of Other Days" (9.17-10 p.m.).

2YA

WELLINGTON

720 kc.

Friday 21.

- 10.0: Selected recordings.
 10.30: Devotional service.
 11.12: Lecturette, "Fashions."
 12.0: Lunch music.
 2.0: Selected recordings.
 3.30 and 4.30: Sports results.
 5.0: Children, by Uncle Jim.

Dinner Music.

6.0: Recording, Brunswick Concert Orchestra, "Over There" (Cohan). Orchestra of Concerts Colonne, Paris, "España" (Chabrier). J. H. Squire Celeste Octet, "Scent of the Jasmine" (Squire).

6.13: Band of H.M. Grenadier Guards, "Old Folks at Home and in Foreign Lands" (arr. Roberts). Philadelphia Symphony Orchestra, "Tales from the Vienna Woods" (Strauss). Grand Symphony Orchestra, "A Children's Overture" (Quilter).

6.31: Anglo-Persians' Orchestra, "A Siren Dream" (Pollack-Sherman). Roof Garden Orchestra, "Fairly on the Clock." International Concert Orchestra, "Danube Waves" (Ivanovici). J. H. Squire Celeste Octet, "Albumblatt" (Wagner). 6.45: Anglo-Persians' Orchestra, "Dancing Tambourine" (Polla). The Classic Symphony Orchestra, "La Cimarosiana" (Cimarosa).

- 7.0: News and reports.
 7.40: Lecturette, J. W. Mawson, F.R.I.B.A., M.P.T.I., "Town Planning."

Concert Programme.

8.0: Thirty minutes of selected recordings.

8.30: Lecturette, Hare Hongi, "Maori Legends."

8.45: Fifteen minutes of selected recordings.

9.0: Weather report and notices.

9.2: Studio Presentation of Play, "The Sport of Kings" (Ian Hay). Adapted for Radio Presentation by Victor S. Lloyd.

10.0: Dance programme.

3YA

CHRISTCHURCH

980 kc.

Friday 21.

- 10.0: Devotional service.
 10.15: Selected recordings.
 11.0: Talk, Miss A. R. Powell, B.Sc. (Home Science), "Cooking—An Art."
 12.0: Lunch music.
 2.0: Selected recordings.
 3.15 and 4.30: Sports results.
 5.0: Children, by "Friday."

Dinner Music.

6.0: Berlin State Opera House Orchestra, "Christmas Concerto" (Corelli). De Groot and His Orchestra, "Romance" (Rubinstein). De Groot's Piccadilly

Orchestra, "None But the Weary Heart" (Tchaikowsky). Organ, Edward O'Henry, "Ca C'est Madrid" (O'Henry). Johann Strauss and Symphony Orchestra, "Blue Danube" Waltz (Strauss).

6.28: Salon Orchestra, "Chanson Boheme" (Boidi). Marimba Band, "Aguas Dormidas" (Bolanos). National Symphony Orchestra, "Bolero in D Major" (Moszkowski). Bernardo Gallico and His Orchestra, "The Dance of the Dwarfs" (Noack).

6.40: Cedric Sharpe Sextet, "Chanson Neapolitaine" (d'Ambrosio). Dajos Bela Orchestra, "Count of Luxembourg" Waltz (Lehar). Sandor Joszi Orchestra, "An Eastern Wedding" (Prychistal). Organ, Edward O'Henry, "Just As We Used to Do" (Rulli).

6.53: Vienna Philharmonic Orchestra, "Hungarian Dance No. 1" (Brahms). Plaza Theatre Orchestra, "A La Gavotte" (Finck).

- 7.0: News and reports.
 7.30: W.E.A. Session: J. J. S. Cornes, B.A., B.Sc., "Bacteria in Peace and War."

Concert Programme.

8.0: March, The Orchestra, "Tin Soldiers" (Kockert). Overture, "Stradella" (Plotow).

8.13: E. J. Johnson, "The Bandolero" (Leslie Stuart).

8.17: Recording (Wurlitzer Organ), Reginald Foot, "A Brown Bird Singing" (Haydn Wood).

8.20: Mezzo-soprano, Lucy Fullwood, "Husheen" (with Orchestra) (Needham); "Plaisir d'Amour" (Martini).

8.26: The Orchestra, "My Desert Rose" (Terese).

8.30: Selected recordings.

9.0: Weather forecast and notices.

9.2: Reserved.

9.17: The Orchestra, Musical Comedy Selection, "Going Up" (Hirsch).

9.26: Mezzo-soprano, Lucy Fullwood, "Love Has Eyes" (Bishop); "The Valley of Laughter" (Sanderson).

9.31: Recording, Lener String Quartet, Transcription, "Prelude No. 6, Op. 28" (Chopin).

9.34: Recording (Male Quartet). The Reveliers, "Kentucky Babe" (Buck-Geibel).

9.37: The Orchestra, "With My Guitar and You" (Heyman).

9.40: Recording (Contralto), Sophie Braslau, "The Old Folks at Home" (Foster).

9.43: Recording (Organ), Terence Casey, "The Warbler's Serenade" (Perry).

9.46: Bass, E. J. Johnson, "Keep on Hopin'" (Heron Maxwell); "Friend o' Mine" (Sanderson).

9.52: Studio Orchestra, "Musical Comedy Selection"—"Stop Flirting" (Gershwin).

4YA

DUNEDIN.

650 kc.

Friday 21.

- 10.0: Selected recordings.
 10.15: Devotional service.
 10.45: Lecturette, Miss I. Finlay, "Cooking and Recipes."
 12.0: Lunch music.
 2.0: Selected recordings.
 3.15: Lecturette.
 3.30 and 4.30: Sports results.
 5.0: Children, by Aunt Sheila.

Dinner Music.

6.0: Band of H.M. Coldstream Guards, "Dorothy—Selection" (Cellier). De Groot and Orchestra, "Only for You" (Strong). Sigmundo del Oro, "Mexicali Rose" (Stone-Tenney).

6.15: Regimental Band of H.M. Grenadier Guards, "The Old Frog Pond" (Alford). Dajos Bela Orchestra, "Vienna Bon Bons" Waltz (Strauss). New Symphony Orchestra, "Scenes de Ballet" Op. 52 (Glazounov): (1) Preamble; (4) Scherzino; (2) Marionettes; (6) Danse Orientale.

6.31: "Scenes de Ballet" Op. 52 (Glazounov): (3) Mazurka; (5) Pas de Action. "Scenes de Ballet" Op. 52 (Glazounov): (7) Valse; (8) Polonaise.

6.47: De Groot and Orchestra, "Autumn" (Chaminade). Salon Orchestra, "Serenade" (Rimpianito). Salon Orchestra, "Nola" (Arndt).

- 7.0: News and reports.
 7.30: W.E.A. Session, Lloyd Ross, M.A.: "Economic Problems of War"; "How the War was Financed" (first of series).

Concert Programme.

8.0: The Troubadours and Orchestra, "Trafalgar Day." Part 1, "Nautical Memories." Recording, Band of H.M. Grenadier Guards, "Voyage in a Troopship" (arr. Miller).

8.8: Part Song, The Troubadours, "Weighing Anchor" (Macfarren). Solo and Chorus, The Troubadours, "The Anchors Weighed" (Braham); "He Heard the Great Sea Calling" (Baker).

8.18: The Orchestra, "Nautical Scenes" (Fletcher).

8.27: Recording (Violin), Mishel Plastro, "Romance of Nadir" (Bizet).

8.30: Solos and choruses, The Troubadours, "Nelson's Gone a-Sailing" (Lohr); "The Little Admiral" (Stanford); "Rocked in the Cradle of the Deep" (Knight).

8.41: Selection, The Orchestra, "Life on the Ocean" (Binding).

8.49: Solo and Chorus, The Troubadours, "The Death of Nelson" (Braham); "Rule, Britannia" (Arne).

8.57: Recording, Band of H.M. Grenadier Guards, "Naval March."

9.0: Weather report and notices.

9.2: Reserved.

9.17: Part II, "Memories of Other Days." Overture, The Orchestra, "Post and Peasant" (Suppe).

9.25: Chorus, The Troubadours, "Sally Horner" (Trdtl.). Tenor, The Troubadours, "My Pretty Jane" (Bishop). Part Song, The Troubadours, "In the Shadow of the Pines" (Lang).

9.33: Recording (Cornet), Jack Mackintosh, "Carnival of Venice" (arr. Arban).

9.39: Fantasia, The Orchestra, "Other Days Medley" (Finck).

9.47: Chorus, The Troubadours, "Ben Bolt" (Kreass).

9.50: Reverie and Plantation Song, The Orchestra and Troubadours, "The Sacred Hour" (Ketelbey); "Poor Old Joe" (Foster).

9.58: Overture, The Orchestra, "Light Cavalry" (Suppe).

IYA AUCKLAND 820 kc.
Saturday 22.

3.0: Selected recordings.
5.0: Children, by Cinderella.

Dinner Music.

6.0: Berlin State Opera House Orchestra, "A Midsummer Night's Dream" Overture (Mendelssohn). London Palladium Orchestra, "Dawn" (Matt). San Francisco Symphony Orchestra, "Liebeslied" (Kreisler).

6.19: Cedric Sharp's Sextet, "O, Lovely Night" (Ronald). Philadelphia Symphony Orchestra, "Samson and Delilah" Bacchanale (Saint-Saens). Marimba Band, "Morales Lopez" (Bolanos).

6.30: London Palladium Orchestra, "Maid of the Mountains" Waltz (Fraser-Simson). J. H. Squire Celeste Octet, "Memories of Chopin" (arr. Willoughby). New Symphony Orchestra, "Nell Gwynn Dance" (German).

6.44: Philadelphia Symphony Orchestra, "Damnation of Faust"—Marche Hongroise (Berlioz). Berlin State Opera Orchestra, "Der Rosenkavalier" (Strauss). Zonophone Salon Orchestra, "Evensong" (Easthope-Martin).

7.0: News and reports.

7.30: Talk, under auspices of Horticultural Society. Professor C. P. Worley, "Hygiene of the Garden."

Concert Programme.

8.0: Recording (Overture), B.B.C. Wireless Military Band, "The Black Domino" (Auber).

8.7: Baritone, Fred Baker, "The Recruit" (Longstaffe); "If Ever I Meet the Sergeant" (Bennett).

8.14 Recording (Hawaiian), Silver String Quartet, "Hawaiian Love" (Lopez). Prince of Hawaii Chorus, "Imi Au ia Oe" (King).

8.20: March, The Orchestra, "The Middy" (Alford); "Coon's Patrol" (Lott).

8.27: Recording (Soprano), Dusolina Giannini, "Bonnie Sweet Bessie" (Gilbert).

8.30: Humour, Bert Hall, "The Whitest Man I Know" (Paterson).

8.34: Ballet, The Orchestra, "Ballet Russe" (Luigini).

8.41: Record, Corporal Phillips, "Australian Bird Calls."

8.47: Concertina, R. McKnight, Fantasia on "Life Let Us Cherish" (Farmer).

8.52: Vocal duet, Winnie Melville and Derek Oldham, "What is Done" (Cuvillier). Band of H.M. Royal Horse Guards, "Gallantry" (Ketelbey).

9.0: Weather forecast and notices.

9.2: Sea story, "Old Wire Whiskers"; "Lies From a Skipper's Log: A Race From New Zealand to New York."

9.22: Selection, The Orchestra, "The Shamrock" (Myddleton).

9.32: Baritone, Fred Baker, "Young Tom o' Devon" (Russell); "Casey the Fiddler" (Wood).

9.39: Banjo (record), Olly Oakley, "Camptown Carnival" (Morley).

9.42: Humour, Bert Hall, "All About Myself" (arr. Hall).

9.47: Minuet, The Orchestra, "Minuet in G" (Beethoven).

9.51: Humour (record), Helen Kane, "Ain'tcha?" (Gordon).

9.54: Concertina, R. McKnight, "Shoulder to Shoulder" March (J. N. Klor).

9.57: Record, Banda Marranzini, "I Sapiente" (Marranzini).

10.0: Sports results.
10.10: Dance music.

Saturday

Evening Talks: Horticultural Talk, "Hygiene of the Garden"—Professor C. P. Worley. IYA, 7.30 p.m.

"Lies from a Skipper's Log: A Race from New Zealand to New York"—"Old Wire Whiskers." IYA, 9.2 p.m.

"Science and Civilisation—The Nature of Science"—Professor P. W. Robertson (W.E.A. session). 2YA, 7.30 p.m.

Features IYA. Light popular programme.

2YA. The Melodie Five.

3YA. Relay of programme from 4YA, Dunedin.

4YA. Philharmonic Four.

2YA WELLINGTON 720 kc.
Saturday 22.

3.0 p.m.: Selected recordings.

3.30 and 4.30: Sports results.
5.0: Children, by Aunt Molly and Uncle Jasper.

Dinner music.

6.0: Recording, Milan Symphony Orchestra, "Il Matrimonio Segreto" (Cimarosa). Columbia Concert Orchestra, "The Broken Melody" (Van Biene). J. H. Squire Celeste Octet, "Peter Pan" (Crook). Philharmonic Orchestra, Berlin, "O Beautiful Maytime" (Strauss).

6.25: J. H. Squire Celeste Octet, "Chant Sans Paroles" (Tschalkowsky). Debroy Somers Band, "Stealing Thro' the Classics." La Argentina, Castanets, with Orchestra, "La Corrida" (The Bull Fight). (Valverde). Jean Lensen and his Orchestra, "Ideale" (Tosti, arr. Tavan).

6.42: Albert W. Ketelbey's Concert Orchestra, "In a Fairy Realm" (Ketelbey); "The Moonlit Glade"; "The Queen Fairy Dances"; "The Gnomes' March." J. H. Squire Celeste Octet, "La Serenata" (Braga).

7.0: News and reports.

7.30: W.E.A. Session, Professor P. W. Robertson, "Science and Civilisation—The Nature of Science."

Concert Programme.

8.0: Overture, The Orchestra, "Zampa" (Herold).

8.7: Recording (humour), Cicely Courtneidge and Company, "Laughing Gas" (Furber).

8.13: Valse, The Orchestra, "Delilah" (Nicholls).

8.18: Twenty Minutes with the Melodie Five—Quintette, "Rolling Down to Rio" (German). Tenor, Frank Bryant, "Roadways" (Lohr). Novelty Piano, Bert Burton, "Over the Waves" (Rosas). Quintette, "Eldorado" (Pinsuti). Baritone, Eric Winspear, "When the Ebb Tide Flows" (Petrie). Quintette, Sea Shanties, "Billy Boy" (arr. Greaves). "Blow the Man Down" (arr. Williams); "Fire Down Below," "Shenandoah," "What Will We Do With the Drunken Sailor" (arr. Greaves).

8.38: Entertainer, The Sphinx, "Fun With Figures."

8.50: Selection, The Orchestra, "White Horse Inn" (Stolz).

9.0: Weather report and notices.

9.2: Lecturette, Mr. H. S. S. Kyle, M.P., "Young Thoroughbred Horses."

9.15: Suite, The Orchestra, "Cobweb Castle" (Lehmann).

9.0: Weather report and notices.

9.2: Lecturette, Mr. H. S. S. Kyle, M.P., "Young Thoroughbred Horses."

9.15: Suite, The Orchestra, "Cobweb Castle" (Lehmann).

3.30 and 4.30: Sports results.
5.0: Children, by Aunt Anita.

Dinner Music.

6.0: Berlin State Opera House Orchestra, "The Mastersingers" Overture (Wagner). Zonophone Salon Orchestra, "Ecstasy" Waltz (Baynes). London Novelty Orchestra, "My Chin Chin Lu" (Christine). Zonophone Salon Orchestra, "Love, Here is My Heart" (Silesu).

6.18: Royal Opera Orchestra, "Taust" Ballet Music (Gounod). International Concert Orchestra, "Parade of the Wooden Soldiers." Bournemouth Municipal Orchestra, "Zip Zip" (Brooke); International Concert Orchestra, "Sweetheart" Waltz (Strauss).

6.35: Salon Orchestra, "Two Guitars." Russian Gypsy Song. Victor Concert Orchestra, "Minuet in G" (Paderewski). International Concert Orchestra, "Lazy Pete" Intermezzo (Werner-Kersten). Bournemouth Municipal Orchestra, "Whispering Pines" (Byrne).

6.48: Victor Concert Orchestra, "Amaryllis" (Ghys). Gil Dech Ensemble, "Aloha Oe" (arr. Coburn). London Novelty Orchestra, "A Coon Band Contest" Cakewalk (Pryor).

7.0: News and reports.

Concert Programme.

8.0: Recording, Band of H.M. Coldstream Guards, "Selection of Wilfred Sanderson's Song" (Sanderson).

8.9: Quartet, The Philharmonic Four, "Dreaming Alone in the Twilight" (Moore).

8.13: Piano, Arthur G. Frost, "Piano Kapers" (Frost).

8.19: Humour, "The Aironuts," "The Aironuts on Tour"; "Booking Up" (Hill).

8.27: Baritone, Mr. F. Mortley Peake, "The Windmill" (Nelson). Quartette, The Philharmonic Four, "Far Away" (Lindsay).

8.34: Recording, Mammoth Fair Organ, "Martial Moments" (arr. Winter).

8.40: Novelty Vocalist, "The Raidettes, 'You Can Never Blame a Girl' (Stothart); 'I Can Sympathise With You' (Greer).

8.43: Accordeon, Ted Heaney, "Roses in June" (O'Hagan); "Good-night, Vienna" (Posford).

8.55: Recording (humour), Gracie Fields, "Little Pudden Basin" (Low); "Nowt About Owt" (Melvin).

9.0: Weather report and notices.

9.2: Reserved.

9.17: Quartette, The Philharmonic Four, "Flow Gently Sweet Afton" (Spilman).

9.21: Piano, Arthur G. Frost, "Medley of Piano Novelities" (Frost).

9.29: Novelty Vocalists, "The Radlettes, 'You Are My Only Sweetheart' (Greer).

SHOO-FLY PLANT

It is said that flies will not stay in a room where it is grown if they can escape. What it is that repulses them is not clear, as the flowers have no odour. It is a beautiful flowering plant, and blooms in a short time from seed. It is a profuse bloomer in pots, both summer and winter, the blossoms being large, cup-shaped, and of a lovely light blue colour, with white centre.

Price 2/- a packet (two packets 3/-) and send stamped (1d.) addressed envelope. Postal notes or stamps accepted.

Dept. R. DOMINION SEED AGENCY, Box 1582, Wellington, N.Z.

9.25: Twenty Minutes with the Melodie Five—Quintette, "My Ain Folk" (Lemon). Bass, W. W. Marshall, "Scots Wa' Hae Wi Wallace Bled" (traditional). Quintette, "Annie Laurie" (Scott). Novelty Piano, Bert Burton, "Fantasia on Scottish Airs" (Templeton). Tenor, Sam Duncan, "Of a' the Airts" (traditional). Quintette, "Bonnie Banks o' Loch Lomond" (traditional).

9.45: Piccolo, William Boffa, "The Whistler" (Nastmann).

9.50: Recording (humour), Will Fyffe, "The Engineer" (Fyffe).

9.54: Valse, The Orchestra, "Wine, Woman and Song" (Strauss).

10.0: Sports summary.

10.10: Dance programme.

3YA CHRISTCHURCH 980 kc.
Saturday 22.

3.0: Selected recordings.

3.30 and 4.30: Sports results.

5.0: Children, by Aunt Pat.

Dinner Music.

6.0: Berlin State Opera House Orchestra, "If I Were King" Overture (Adam). Bournemouth Municipal Orchestra, "Fluttering Birds" (Gennin). Royal Opera House Orchestra, Stockholm, "Joyous Youth" Waltz (Coates).

6.15: Berlin State Opera House Orchestra, with Karol Szreter, pianist, "Hungarian Rhapsody No. 2" (Liszt). Dajos Bela Orchestra, "Serenade" (Moskowsky). International Novelty Quartet, "The Skaters—Waltz" (Waldteufel). The Royal Opera House Orchestra, Stockholm, "In a Country Lane" (Coates).

6.34: Dinicu and his Orchestra, "Hora Stacato" (Dinicu). Dajos Bela Orchestra, "Schatz Waltz" (Strauss). Albert W. Ketelbey's Concert Orchestra, "In a Camp of the Ancient Britons" (Ketelbey). International Novelty Quartet, "Teddy Bears' Picnic" (Bratton).

6.51: Grand Symphony Orchestra, "In the Moonlight" (Ketelbey). Dajos Bela Orchestra, "Moonlight on the Aister" (Fetras).

7.0: News and reports.

Concert Programme.

8.0: Relay of programme from 4YA, Dunedin.

10.0: Sports summary.

10.10: Dance music.

4YA DUNEDIN 650 kc.
Saturday 22.

3.0: Selected recordings.

(Dellon); "A Little Less of Moonlight" (Robinson).

9.35: Humour, "The Aironuts," "The Commercial" (Hill).

9.43: Contralto, Maude Kenward, "Three Fishers" (Hullah).

9.46: Recording, Band of H.M. Grenadier Guards, "The Old Frog Pond" (Alford).

9.49: Accordeon, Ted Heaney, "Drifting and Dreaming" (Smith).

9.53: Quartettes, The Philharmonic Four, "The Venetian Boatmen's Evening Song" (Hatton); "Since First I Saw Your Face" (Ford).

9.57: Recording, Novelty Orchestra, "Ginger Snaps" (Bourdon).

10.0: Sports results.

10.10: Dance music.

2YB NEW PLYMOUTH, 1230 kc.
Saturday 22.

7.30 to 8.0: News and information, sports results and lecturette session.

8.0 to 10.0: Studio concert.

10.0: Sports summary.

For QUALITY & PERFORMANCE T.C.C. Condensers

N.Z. Distributors:
TURNBULL & JONES,
Ltd., Electrical Engineers
& Contractors, Auckland,
Wellington, Christchurch,
Dunedin.

There is a Great Demand For Trained Men in the Radio Industry!

A pioneer in radio instruction, the International Correspondence Schools have kept abreast of the times and offer courses which give practical instruction in fundamentals and latest developments alike. The courses were prepared and are constantly revised by the world's leading AUTHORITIES. We will be pleased to send you details of courses covering—Radio Serviceman's Exam., Complete Radio Engineering with Mathematics, Radio Engineering without Mathematics.

**International Correspondence
Schools (N.Z.), Ltd.**

1822 WAKEFIELD ST., WELLINGTON.

Here's a USEFUL tool for the Handyman



Postage
6d extra.

Indispensable to the
Radio enthusiast—quickly
heated, easily handled.
Ask your Radio Dealer
for one to-day, and be
sure you get a Solon
Electric Soldering Iron.

OBTAINABLE AT ALL DEALERS.

Advt. of Turnbull & Jones, Ltd., Wellington.

The man who is always tinkering about with something, trying out a new wireless circuit, mending some gadget on the car—with a "Solon" soldering iron in his hand—he's happy. It's a tool he'll find handy in a hundred different ways.

Solon Electric Soldering Iron is British-made, with a six months' guarantee.

SOLON

Electric Soldering Iron.

Made in England by W. T.
Henley's Telegraph Works
Co., Ltd.

PRIVATE STATION :: PROGRAMMES ::

1ZR Programmes

Friday, October 14.—10.30 a.m.: Devotional service—Uncle Scrim. 11.15-2 p.m.: "Digger"—"Sea Talks." 5.0: Dinner music. 6.0: Children's session—Uncle Cam and Fairy Princess. 7.0: Mr. Bill Hindman—"Sport." 7.30: Relay of Community Singing from Lewis Eady Hall: Song-leader, Vernon Drew. 9.0-10.0: Popular programme.

Saturday, October 15.—10.30 a.m.: Devotional service—Rev. C. Strand. 10.45-1.30 p.m.: Music. 5.0: Dinner music. 6.0: Children's session—Polly Flinders and Jack the Giant-Killer. 7.15: Junior Chamber of Commerce Speaker. 8.0: popular programme. 10.0-11.0: Dance session.

Sunday, October 16.—9 a.m.: Uncle Tom's children's service. 9.45: Uncle Scrim conducting Studio Church Service with 1ZR Broadcasting Choir under direction of Mr. J. Whitley McElwain. 6.0 p.m.: Music. 6.15: Miss Baker's Church of England Children's Service. 7.0: Relay of Mr. A. H. Dallimore's Mission Service from the Town Hall. 8.30: Studio standard classics. 9.0-9.30: "The Man Who Speaks."

Monday, October 17.—10.30 a.m.: Devotional Service—Mr. Garner. 11.15-2 p.m.: "Maoriland"—"Tithbits." 5.0: Dinner music. 6.0: Children's Session—Uncle Bern. 7-7.30: Music.

Tuesday, October 18.—10.30 a.m.: Devotional Service—Uncle Scrim. 11.15-2 p.m.: Speaker and music. 5.0: Dinner music. 6.0: Children's session—Aunts Ruth and Nina and Uncle Scrim. 7.0: Music. 8.0-10.0: Popular programme.

Wednesday, October 19.—10.30 a.m.: Devotional Service—Uncle Scrim. 11.15-2 p.m.: Speaker. 5.0: Dinner music. 6.0: Children's Session—Uncle Tom. 7.0-8.0: Music.

Thursday, October 20.—10.30 a.m.: Devotional Service—Uncle Scrim. 11.15-2 p.m.: Speaker and music. 5.0: Dinner music. 6.0: Children's session—Wendy. 7.15: Mr. F. R. Field—"The Earth's History."

8.0: Oil Co.'s programme. 10.0-11.0: Dance session.

2ZW Notes

ON Thursday last Mr. Byron Brown gave the first of a series of recitals under the auspices of the International Committee of Intellectual Co-operation—a committee appointed by the League of Nations. The broadcast of these recitals is in response to a request received by 2ZW from the committee, and the first of the series dealt with New Zealand poetry.

It is proposed to devote about twenty minutes to these recitals every other Thursday evening at 9 o'clock. A fortnightly service at the request of the League of Nations is a small contribution, to help forward the peace and goodwill of the world, but it is a beginning and there is no knowing into what great things it may develop.

A poet has said:

*"There is music that is not of song,
Nor yet of reeds or strings;
It is a music that to words belong,
And in such, the poet sings."*

New Zealand has not yet produced a poet of note, but he will come in good time, and will sing New Zealand as gloriously as ever Scott sang to Scotland. Our poets do not smell of manuka or the kowhai. They lack poetical imagery and dramatic expression, and rarely remind us of our wild and romantic country. We need some man of imagination to hold the mirror up to nature, and show us our own image, as Scott did to Scotland.

The next recital is scheduled for Thursday, October 20.

MR. S. W. M. Stilling, N.Z. representative of the Australian National Travel Association, is to give a series of talks on matters of interest concerning Australia, its history, and development, native life and customs, animal life, and natural resources. The first of the series will be "Australia's Native Animals," to be broadcast on Monday, October 17.

Miss Kathleen Court, who is recognised as one of the world's most famous exponents of beauty culture, is to speak from 2ZW on Tuesday, the 11th, at 11 a.m. Miss Court's subject on this occasion will be "The Achievement of Beauty and Charm."

2ZW Programmes

1120 kc. (268 m.).

Tuesday, October 11—7-8.30 a.m.: Smokers' breakfast session. 10: Devotional service. 10.15: Session for womenfolk, including a talk on "The Achievement of Charm and Beauty," by Miss Kathleen Court. 11.45: Pianoforte recordings. 12-2 p.m.: Lunch session. 7 p.m.: After-dinner music. 7.30: Motoring talk. 8: Weather forecast and station announcements. 8.5: Concert programme. 9.30-10.55: Dance programme.

Wednesday.—7-8.30 a.m.: Smokers' special breakfast session. 10: Devotional service. 10.15: Session for womenfolk. 11.45: Pianoforte recordings. 12-2 p.m.: Lunch session. 5-6 p.m.: Children's session.

conducted by Uncle Toby and Aunt Joan. 7 p.m.: After-dinner music. 7.30: Weekly talk on building and constructional matters. 8: Weather forecast and station announcements. 8.5: Tabloid revue by the Merry-makers. 8.30: Talk by Mr. R. H. Nimmo, chairman of Citizens' League, on "Youth Unemployment" and the "Back-to-Prosperity" Campaign. 8.45: All-British concert programme. 10-10.55: Dance programme, including a relay by Mr. Frank Crowther's Orchestra from the Majestic Lounge.

Thursday.—7-8.30 a.m.: Smokers' breakfast session. 10: Devotional service. 10.15: Session for womenfolk. 11.45: Pianoforte recordings. 12-2 p.m.: Lunch session. 3 p.m.: Talk by Miss Madge Thomas, followed by quality musical programme. 3.30-4 p.m.: Relay of afternoon tea music. 5-6 p.m.: Children's session, conducted by Ladybird and Uncle Kirk. 7: After-dinner music. 8: Weather forecast and station announcements. 8.5: Programme of quality music, including studio concert by Signor Lucien Cesaroni. 10-10.55: Dance programme.

Friday.—7-8.30 a.m.: Smokers' special breakfast session. Silent remainder of day.

Saturday.—7-8.30 a.m.: Smokers' breakfast session. 10: Devotional service. 10.15: Session for womenfolk. 11.45: Pianoforte recordings. 12-2 p.m.: Lunch session. 7: After-dinner music. 8: Weather forecast and station announcements, together with sporting review. 8.20: Popular concert programme. 10-11.55: Dance programme, including relay by Mr. Frank Crowther's Orchestra from the Majestic Lounge.

Sunday.—11-12.15 a.m.: Devotional service, by the Padre. 6.30: Evensong session of music. 7: Relay of evensong from St. Paul's Pro-Cathedral, Mulgrave Street, Wellington. 8.15 (approx.): Quality musical programme. 9.55-10: Epilogue.

Monday.—7-8.30 a.m.: Smokers' breakfast session. 10: Devotional service. 10.15: Session for womenfolk, including a talk by Mr. Meecham (St. John Ambulance). 11.45: Pianoforte recordings. 12-2: Lunch session. 7: After-dinner music. 8: Weather forecast and station announcements, followed by a brief talk of Australia's native animals, by Mr. S. W. M. Stilling. 8.15: Popular concert programme. 10-10.55: Dance programme.

Tennis Talks

Schedule Announced

ARRANGEMENTS have been made by 2YA for a series of six talks to tennis players, on Wednesday evenings at 7.40 p.m.

The talks will be given by a representative of the Wellington Lawn Tennis Association and the series will commence on Wednesday, October 20.

Personal

MISS Joan Laird, 2ZW's lady announcer, and "Aunt Joan," of the children's sessions has been granted a fortnight's leave of absence, during which time she will undergo a slight operation. Her many listeners, we feel certain, will wish her a speedy return to health.

IT is expected that arrangements will be made at the Madrid International Wireless Convention, at present in session, for a further international conference to be connected with broadcasting only. The Madrid conference is representative of all wireless services.

Short-wave News

News from the United States

A LETTER from Mr. Page Taylor, Detroit, brought the following news:—
PRVA, Rio de Janeiro, 31.53 metres, comes on the air occasionally. It is owned by the Companhia Radio Internacional do Brazil, but their programmes are presented by the Radio Club of Brazil. So far they have not acknowledged any reports.

XAM, Merida, Yucatan, Mexico, has moved up to 26.8 metres, and **XDA** on 25.5 metres has been announcing as **XEX** lately, and broadcasting music.

WIOD, Miami, Florida, have gone on shortwaves with station **W4XD** on about 49.3 metres. They are on at the same time as **W9XF** and **WSXAL**. **W4XD**-**WIOD** is owned by the Isle of Dreams Broadcasting Co.

WSXX, Pittsburgh, is now operating on several different wavelengths. Approximately 9, 13 and 20 metres, and the regular 25 and 48 metre waves.

W9XF, Chicago, has moved down to 49.18 metres.

WSXAL, Boundbrook, is on 49.18 metres on Saturdays and Sundays only (Sunday and Monday here), and is on about 16.87 metres, the balance of the time.

HKA, Barranquilla.—Mr. Taylor sent particulars of a special broadcast for the Antipodes on Sunday, October 9. This was received too late to go in last week's shortwave page, but the editor found a place for it elsewhere. I hope that any reader hearing this broadcast will send a report to Senor Amortegui, "La Voz de Colombia," Barranquilla, Republic of Colombia, South America, as the owner of the station is going to some trouble to broadcast a programme at a time suitable for reception here, it being well after midnight, Colombian time. As the Colombian Government is going to change the call letters of all radio stations, **HKA** may have a different call, but can be identified by "La Voz de Colombia," which will be announced as usual.

VK2ME, Sydney.

VK2ME, Sydney, 31.28 metres, are making further changes in their schedule, to commence on Sunday, October 9. Their amended hours of transmission will be, in New Zealand summer time, as follows:—Sunday, 5.30 p.m. till 7.30 p.m., 9.30 p.m. till 1.30 a.m.; Monday, 2.30 a.m. till 4.30 a.m.

EAQ, Madrid.

A CARD and letter were received from **EAQ** by the last mail. The only information given on the card is: Power, 20 k.w., and wave, 30.4 metres. The letter is all about their new monthly review, "EAQ." This, no doubt, is an interesting little book; I have seen a copy, but it is in Spanish. They have decided to "include an interesting English section."

Notes on Reception.

IT is necessary to be up early for good morning reception now as most of the stations get very weak by, or soon after, 7 a.m. The 50-metre band stations are improving during the afternoon. There is not much to listen to during the evenings, except the Russian, **RV15**, who is nearly always at good volume now. **3ME** is well received on Wednesday and Saturday evening, as is **2ME** on Sunday.

Zeesen, Germany.

A LETTER recently received from Germany states that they work daily from 1 a.m. till 5 a.m. on a wavelength of 19.73 metres, and from 6.30 a.m. till 11.30 a.m. (New Zealand summer time), and in some cases for one hour later, on a wavelength of 31.38 metres. It relays principally the main German station on 1634.9 metres at Berlin. The call sign of the transmitter when working on 31.38 metres is **DJA**, and when on 19.73 metres the call is **DJB**. In relaying to North America and sometimes to South America the transmitting station works

Round the World on
SHORTWAVE

Conducted by F. W. SELLENS

most favourably on 19.73, 29.26 or 49.91 metres. When using the two latter wavelengths the calls used are **DIQ** and **DGK**. The programme for the following day is announced daily in German and English at 2 a.m., New Zealand summer time, on 19.73 metres, and on Saturday's programme notices for the following week are broadcast on 31.38 metres at 10 a.m.

12RO, Rome, 25.4 metres.—Varies, but has come in well during the latter part of the week till about 7 a.m.

WSXX, Pittsburgh, 25.25 metres.—On Friday morning this station was good at **RS-9** from 9.30 a.m. for a time, until they faded out.

New Zealand Short-Wave
Radio Club Notes

Log for Week Ending Oct. 8

RV15, Siberia, 70.1 metres. Very good almost every evening.

HVJ, Vatican City, 50.26 metres. **RS-9** during their early morning session.

RV59, Moscow, 50 metres. Good up till 6.30 a.m., but goes off soon after this time.

WSXAL, Cincinnati, 49.5 metres. Coming in at fair strength by 4.30 p.m., but seldom clear of noise.

W9XF, Chicago, 49.18 metres. This station is coming back again now, reaching **RS** by 5 p.m.

WSXAL, Boundbrook, 49.18 metres. Only heard on Sunday, when they were like a local station till signing off at 5.30 p.m.

WSXX, Pittsburgh, 48.86 metres. A very good station now, usually reaching **RS-9** by 4 p.m. On Sunday, during the session for residents of the Far North, Canadian and British news was read for the benefit of those who are cut off from the world by ice and snow during the winter months. This is to be a regular feature now from **WSXX**.

VK3ME, Melbourne, 31.55 metres. Wednesday and Saturday, **R9** with the usual severe fading.

W2XAF, Schenectady, 31.43 metres. Does not reach such good volume now. **R7-8** at its best.

DJA, Zeesen, 31.38 metres. Reception is excellent early, but rapidly goes off, as a rule, from about 7 a.m.

WIXAZ, Springfield, 31.33 metres. **R6** is the best I can do now with this station. **31.3** metres (about).—On Sunday morning I was rung up about a station coming in well on this wavelength. A musical programme was heard, followed by what appeared to be a church service. All I got after being told about it was a little talk, in what I think was Spanish, the station closing about noon. What little I heard was excellent at **RS-9**.

VK2ME, Sydney, 31.28 metres.—Very good during the first session, but distorted in the early part of their second session on Sunday. On Monday they were excellent at **R9** till 8 a.m., when they closed.

J1AA, Japan, 30.5 metres.—Fair most evenings, but not up to their volume of a few weeks ago.

EAQ, Spain, 30.4 metres.—Only just audible now, at its best during the midday session, but very fine on Sunday mornings till about 7.30 a.m.

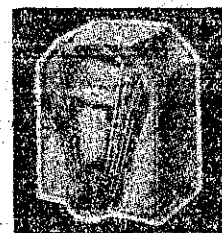
Radio Colonial, Paris, 25.6 metres.—Has been very poor on most mornings. Best between 8 a.m. and 9 a.m.

G5SW, Chelmsford, 25.53 metres.—Saturday was the only morning that **5SW** was steady and loud enough to be readable, when, at 6.30 a.m., they were **R7-8**. The night sessions, our time, are improving. On Saturday night, or rather Sunday morning, at 12.15 a.m., Big Ben striking three-quarters, was **RS-9**. The day's programme and news items were 100 per cent. readable, and an organ recital from Birmingham was a treat to listen to.

• TELSEN
• CABINET
• SPEAKER

A thoroughly reliable Loud Speaker that gives wonderful tone balance. The bakelite cabinet finished in polished mottled walnut is most artistic.

• Price 37/6

The International
Radio Co., Ltd.

BLAIR ST., WELLINGTON.

Radio
Serviceman's
Course

The newly instituted Radio Serviceman's Examination calls for an exact knowledge of radio principles and a correct diagnosis of radio troubles.

Can you face the examiner without being afraid of the results?

Write for our special course now and be in time for the next examination. Complete syllabus coverage. Results assured.

JOHNSON'S WIRELESS AND
RADIO SCHOOL.St. George Buildings, 8-10 Brandon St.,
Wellington.

10 Years' Supremacy

ARCTURUS VALVES

TRAIL BLAZER OF THE INDUSTRY

WIN £100!

Send for FREE 1932 RADIO and SPORTS Catalogue for full details of £100 competition, and the latest in Radio and Sports equipment.

JOHNS LTD.

P.O. Box 471, Auckland

ANOTHER SENSATIONAL HIT BY
McCABE'S RADIOS

Introducing the finest quality
5-VALVE SUPERHETERODYNE
CONSOLE RECEIVER.

CASH PRICE, £19/10/-
Complete

12 Months' Guarantee. Terms: £5
Down, 6/3 weekly for 52 weeks.
McCabes Radios, Newton, Auckland.

walls and tables being gazed at by silent, stern men, some I knew, others strange to me. What was to be their task? There was none to say, each man a different journey, many to their death, and what a bleak death!

I found a desk and maps and memorised my instructions; so far nothing much had been allotted me; I was to get in touch with Captain Clementi Smith, R.E., and Captain Lefroy, a wireless expert, proceed with them via Southampton to Le Havre the following night. Smith came in about ten minutes after and came straight to me—a very cheerful chap—his father was chaplain to the Lord Mayor of London. We exchanged greetings, and he then made an appointment for the next day. We were to travel by car to Southampton.

The day of the great adventure was glorious—the 4th of August—and as the car glided through England's beautiful country, I whispered a prayer that war should never come here to mar this peacefulness.

Here's Southampton—excitement is everywhere—people are rushing the stores to stock their larders, against what? Others are going about with a dazed look, and yet others are marching in mufti to barracks or recruiting depots—a band is playing somewhere.

The trip across the Channel was a cocktail in comparison with the drive and bustle down. We arrived at Le Havre about 1 a.m. on August 5, and disembarked. We were greeted by a cheering mob of French interpreters who were billeted in very large glass waiting-rooms on the pier. These chaps were to be allocated later to the British Army. Unfortunately we had made a faux pas and changed into uniform on the trip over, with the result that the mob besieged us as we passed through the town on our way to the main post office.

It took us hours to arrive at our destination, and even there they surrounded the building, cheering and singing. We showed ourselves on the balcony, more cheers mingled with the "Marseillaise," and "God Save the King." What a morning. Here Smith had to take over the wires from the French. I didn't envy him his job.

Lefroy and self are to proceed via Paris to Maubeuge. I am to await G.H.Q. at Le Cateau, my job in the interim is to check up the local population and the migrating refugees for possible spies. My direct superior is Lieut-Colonel Zopp, of the French Secret Service, and a very hard taskmaster I found him. The area was teeming with spies, using the cloak of fleeing refugees and so passed freely to and fro.

Much of my work in this direction was hindered by the G.V.C.'s—the gentlemen of the Armees—old French Territorials. They would stop all and sundry causing much confusion. I am sure that many could not read the passes or permits that were submitted.

Their examination consisted of turning it round and round looking about as intelligent as a Newfoundland puppy; but it seemed to satisfy them if they saw some kind of official stamp. Later on their duties were taken over by the gendarmes.

ON arrival of the British G.H.Q. at Le Cateau I caught my first spy or spies. A cafe across the square from the school-house in which the staff had their headquarters displayed a notice in English that "Afternoon tea and other English meals could be had." The

Madame and her Daughter

(Continued from page 6.)

cafe was run by a Flemish woman of the name of Donan and her daughter, who spoke fluent English. The girl had been a music teacher in London.

The cafe was hailed with delight by the staff and young bloods, most of their spare time was spent there singing, eating and drinking, the girl mingling at the tables, chaffing and making friends all round. I used to sit at a table near the door so that I could have the room under view.

I made friends with the mother through acting as M.C. for the sing-songs. It was a gay place, talk and laughter ruled—too much talk I am afraid—officers seemed to take a delight in discussing the details of their job.

MY attention was drawn to Mademoiselle in this direction. She could generally be found sitting at



Thomas Kennedy,

who has a delightful baritone voice, will sing "Ave Maria" and "Serenade" on Wednesday, October 12, from 4YA.

the table with these officers, listening to their yarns. I noticed her concentration and questioning, so kept the girl and mother under close observation.

ONE afternoon, a slack one in the cafe, I was having tea, and they came and sat down at my table and started to yarn about the terrible business of war, and their poor country, all mingled with questions: Did I think that the English would get up in time to help the French? It was so nice to see them in their smart uniforms. Did I think that England could send many soldiers? What were the names of those smart officers and generals? What regiments were now in France, and to what part of France were they being sent? Did I think that they would have the joy of seeing them? And a hundred and one leading questions to which I gave elaborate and imaginary answers.

The cafe now became busy, so I was left to my thoughts. I noticed a Captain X, whom the girl seemed keen on, so after he had tea I followed him out and asked him to come along with me to my chief, where I disclosed my suspicions.

Captain X. was ordered to make himself popular with the couple, and a story was concocted for him to tell. That very night we were in luck: he was invited to supper after the cafe had closed.

Next morning I was keen to hear his news. He informed me that they had given him a royal feast, and, after the mother had begged to be excused, the daughter started shyly to make love to him. He said that he had a very uncomfortable time of it, but played his part. After some fooling round, when the girl quite thought he was in love with her, she started asking questions mingled with kisses. X. gave her the details that we had arranged, making a great show with pencil and paper. These he conveniently left behind.

NOW came my task to find out to what use all the information that they had gleaned had been put. I thought over many schemes till I had a headache, and went to bed with it. Next morning I had a brain-wave, so seeking out several bright sparks I suggested to them that they arrange a grand sing-song at the cafe that night, so off they went to inform madam. In the interim I made a survey of the outside of the building, which was a two-story one.

As soon as the concert was well under way, and madam was busy with her cups, and mademoiselle luckily at the piano, I made my way to the back of the house, then taking off my boots I started to climb up a pipe that led under a window. This was no easy task, and my poor toes were sore for weeks after. Hanging on to a ledge I tried the window. Luck again, it opened, and in I climbed.

I found that I was in a storeroom of sorts. I was determined to search the place thoroughly, and if I found nothing, to investigate the cafe and ground floor after they had gone to bed.

THE first room I came to I drew a blank, as well as the next. Then I came to what turned out to be madam's room.

Here I put my hands on to what I was looking for. She had hidden them in the pillow-slip on the bed. I made a thorough search through the papers, and what do you think I found? Well, the pencil sketches, notes of Captain X., a mass of other information in condensed form on special paper—also rings for carrier pigeons and instructions from secret agents in Belgium as to information wanted. It seemed that madam was getting ready to dispatch her information.

I collared the lot and made my way down the pipe. In the yard I discovered the pigeons in a shed. I then went back to my chief, and after a hurried consultation—as time was drawing near for the cafe to close—I arranged to have a guard thrown round the house. My chief and self joined

at once the rest of the crowd. We remained until closing time, then waited behind till we were left to ourselves. My chief walked up to madam and her daughter, saying, "I am very sorry, I must place you both under arrest. Will you please come with me?"

They looked very dazed, then madam, who was made of sterner stuff, started to go for me. The chief blew his whistle, and the guard came in. They were then marched away. I only saw them for a moment after that. We handed them over to the French, with all documentary evidence. The French have a very short way with spies, and next day they faced a firing party. I was told afterward that they met their death with bravery. I am glad it was not our fellows who had to carry out this task. The British do not like shooting women, and from record you will not find a single case.

There were only three women spies who were sentenced in England—one to ten years, she dying in an asylum—one to life, she later to an asylum, and I am not sure what the other got.

Tannhauser

(Continued from page 1.)

hand in marriage as the prize.

The Elizabeth in the present opera seems to be a Wagnerian adaptation of the original St. Elizabeth, of Austria, estimable lady who is also the heroine of Liszt's oratoria of the same name, which was unsuccessfully presented as an opera a few years ago. The contest of song in which participated most of the knightly minstrels mentioned in the above cast, also is historical, and one Heinrich von Ofterding (whom some writers identify with Tannhauser) was saved from a violent death by the Landgravine Sophia, who threw her cloak over him. This provides Wagner with the chief incident in his second act.

Many popular ballads recount the story of Tannhauser and the Venus of the Wartburg, also that of the Pope's refusal to give absolution to the penitent sinner and the subsequent flowering of the papal staff, as a mark of divine pardon.

World Radio News

THE cheapest wireless set shown at the Radio Exhibition in London in August was a two-valve set in a bicycle cabinet, priced at 37/6. The most expensive was a radio-gramophone valued at £262/10/-.

IT is expected that the first broadcast from the new Empire shortwave station being constructed at Daventry by the British Broadcasting Corporation will take place on Christmas Day, when an effort will be made to transmit a part of the programme round the world. The station will begin its tests in a few weeks, but a complete service will not be established until next year.

The decision to construct a wireless station for broadcasting throughout the Empire was made known ten months ago. The station is estimated to cost £40,000, and its maintenance £22,000 a year.



OF FEMININE INTEREST



By "Patricia"

THE Broadcasting Board is to be congratulated on the efficient manner in which it relayed the second portion of Josef Szigeti's recital. The appreciation shown by the audience was a fine tribute to a master performer. Szigeti's superb technique, faultless interpretation, and depth of tone will long be remembered by all who listened in.

THE remarks of Mr. David Moore, who spoke from 2YA on dogs, would interest all lovers of these canine companions. Although having been a great breeder, Mr. Moore has never owned a dog since he went to reside in Australia five years ago, and when asked the reason of this he replied: "Because I had neither the time nor facilities to give him the attention that a dog deserves." Mr. Moore traced man's rise to civilisation, and showed how much this had depended upon his four-footed friend who had hunted with him in the common cause of the human family. In Australia and New Zealand it was said that the country lived very much on the sheep, but he would rather think they lived on the dog. On a farm a dog was worth at least five men when it came to mustering.

NO countries, said Mr. Moore, were more suitable for dog-breeding than are New Zealand and Australia, where wide open spaces allow the necessary physical and mental exercise that dogs require. He was quite sure that if proper attention were given to the matter a very lucrative business could be established in export of pedigree dogs.

MR. MOORE was often asked: "Should a dog be given a raw-meat diet?" Raw meat is the natural diet for a dog, essentially a carnivorous animal, and there would be less skin diseases in dogs, and they would live longer, were they fed as nature intended them to be—on raw meat. A cooked-meat diet might have been encouraged years ago by a certain section of the veterinary surgeons whose business depended upon consultations with owners respecting ill-health in dogs.

BUSINESS and home-women are welcoming the popularity of the ensemble, said Mrs. T. W. Lewis in her talk on "Fabrics and Fashions" (2YA). With this style a woman can achieve a summer outfit most inexpensively. The weaves of materials are as beautiful as the patterns, and dresses are made up in three-colour contrasts. There seems to be a vogue to strong contrasts, and there being so much latitude allowed it is essential that one should be acutely alive to good and bad style. It is easy to spoil an outfit by overdoing these contrasts. Nearly all dresses are made in one piece and are either sleeveless or have short, puffed sleeves.

Prize Poem Competition

(Conducted by "John O'Dreams")

THE prize of half a guinea in the current competition is awarded to R. B. Castle for "Hector, Lay Down Your Brazen Tools." This thought-provoking effort will hold the attention of many readers, especially those interested in the infinite variations of verse form. Also interesting in originality and courageous traversing of tradition is "Ramame's" poem yeclpt, in the amazing modern manner, just "2".

"Strange": This is charming work, poetic in sentiment, interesting in execution.

Linn: We are keeping the beautiful "Lament" a little longer in the hope of publication.

A.J.R., in a sonnet of power and authenticity, crystallises central thought in words of fitting force and passion. Our valued contributor is untiring in pursuit of Beauty as she flies, and has achieved an enviable versatility.

"Merrie," in simple, direct and tender lines, makes vocal an understanding of the patience and serenity of a mother-heart, which, the good fight fought, awaits eternal peace that lies beyond these voices.

N.E.G.'s three short verses hark back to perennial theme of home, sweet home, but past and present competition on that subject swamps this particular effort.

"To an Unknown Violinist": The spirit of music is a noble inspiration, but there is also a melody of rhythmic beauty, and we find your poem somewhat unsubtle and lacking in poesy's indefinable essence.

"Porthos," with much vain repetition, strangles the gleam he follows.

"The Flower Seller": In very near future we hope to make desired comment. C.S. (Feilding) sends several poems which achieve a quiet success in sensitive awareness of shimmering loveliness of earth and sea and sky. We are at one with sentiment of the last lines of the poem of revolt—a very gentle example of this form of expression. The "John o' Dreams" verses are entirely charming, and will be cherished for many a moon.

"Flauncr," in deep dejection, out-hamlets Hamlet himself.

Hector, lay down your Brazen Tools

Hector, lay down your brazen tools a space

And listen.

Grim millions will turn those wheels that pace

And glisten

Even as the globe's inexorable track.

Can'st, Hector, discern the voice of the dead?

Not so!

When scarce this hand, this voice so nourished

And slow

To vanish, else than insensate shadows seem.

We two drop swiftly in a winter shower

And fade,

Dissolve, scarce mirroring the grey clouds' lower

And shade

Seething from south with an avenging sound.

Speak to me only of your dreams, your desires

That surge,

That roam over the foaming wave-ways, fires

To submerge

My soul in vapour, in flickering glorious aurora.

—R. C. Castle.

MOST housewives will appreciate Mrs. Lewis's hint re washing blankets. Use cold water, but make a good suds with boiling water into which put some rock ammonia, using one shilling's worth for twelve blankets. When washed put on line and hose with clear cold water, and the blankets will be like new.

THERE are many places of which we hear little, or even give a thought to, and Finland is one of them. If we think at all we usually connect this part of Northern Europe with Esquimaux, ice huts, log cabins, reindeer and excessive cold, yet this country is a highly civilised one, was the first European country to introduce women's suffrage. In the population the percentage of illiterates is one of the lowest in the world. Professor Algie in his talk (1YA), "Impressions of Finland," gave some enlightening facts. Helsinki, the capital, is one of the most modern and up-to-date cities in Europe, in comparison with which London and Paris are in many respects backward. There are, too, many beautiful lakes, islands and magnificent forests which together cover about nine-tenths of the country. Besides its natural beauties, Finland has produced some very fine musical composers, of whom Sibelius is one, and who is by some people acclaimed the modern Beethoven. He was born in 1865 and is the first Finnish composer to become world-renowned. He is a genuine, creative musician and one of the first among living composers.

LISTENING to Miss Dora West, O.B.E., last week, when she spoke of "England, the Homeland" (2YA), and in the course of her lecture mentioned the flower fields of Kent, recalled to my vision the lavender harvest which usually takes place during the early part of August. To watch the girls and women gathering this, the sweetest of all herbs, carries one's imagination a further step, to the streets of London, where the cry is heard of "Lavender, sweet lavender; won't you buy my blooming lavender: sixteen good branches a penny, all in full blow." This cry surely has an Elizabethan sound which Shakespeare must have heard. Among many others in their different seasons, were such as "Cherry Ripe, Cherry Ripe," "Oranges, Who'll Buy My Oranges?" "Cat's Meat, Cat's Meat, and the Cat's Meat Man," light-footed as the Pied Piper of Hamelin, trudging along with his furry children following at his heels. These old cries seem picturesque to us, but had we lived in those days, might we not have cursed the sounds as now we curse the noise of the motor horns and the ever continuous traffic?

The October "Radio Times" Now Available

SPECIAL CONSTRUCTORS' NUMBER

Three Up-to-the-Minute Sets

Seven Valve Superheterodyne.

A simple seven valve superheterodyne described so that anyone without extensive experience in construction can build it. The set employs a standard coil kit and condensers, so that no trouble will be experienced in lining up the stages. Single dial control and pentode output.

The "Modern Five."

The "Modern Five" uses two 58 r.f. pentodes, a 57, a 247 and a 280 rectifier. It is a very simple set, and will give no trouble to any constructor. A different system of biasing is employed, and constructors who do not wish to build the whole set will find this system contains many interesting points which they can incorporate in their own sets.

The "1932 Outspan."

The "1932 Outspan" is a four valve battery set using two stages of screen-grid r.f., screen-grid detector, and

pentode output. Automatic bias is provided on both the r.f. and output stages. Tuning is by one dial control, all stages having been successfully ganged, even though reaction is employed. Provision is made for switching the aerial into the detector stage and switching off the r.f. valves, thus saving battery power on local stations. There is a single B maximum voltage, all the varying voltages throughout the set being obtained by suitable resistors. The "1932 Outspan" is one of the most sensitive battery sets we have ever handled, being superior in DX capabilities even to its popular predecessor "The Outspan Five."

General.

There is a description of the new American Radio City, and the DX Notes are more comprehensive than usual. A comprehensive list of European stations are included. The usual technical features also appear.

Supplies are limited

Get Your Copy NOW!

Order Your Copy from Booksellers or Direct from

The N.Z. RADIO RECORD

BOX 1032 WELLINGTON

**Price—
9d.
Per Copy**