

PUBLISHED WEEKLY

THE RADIO RECORD

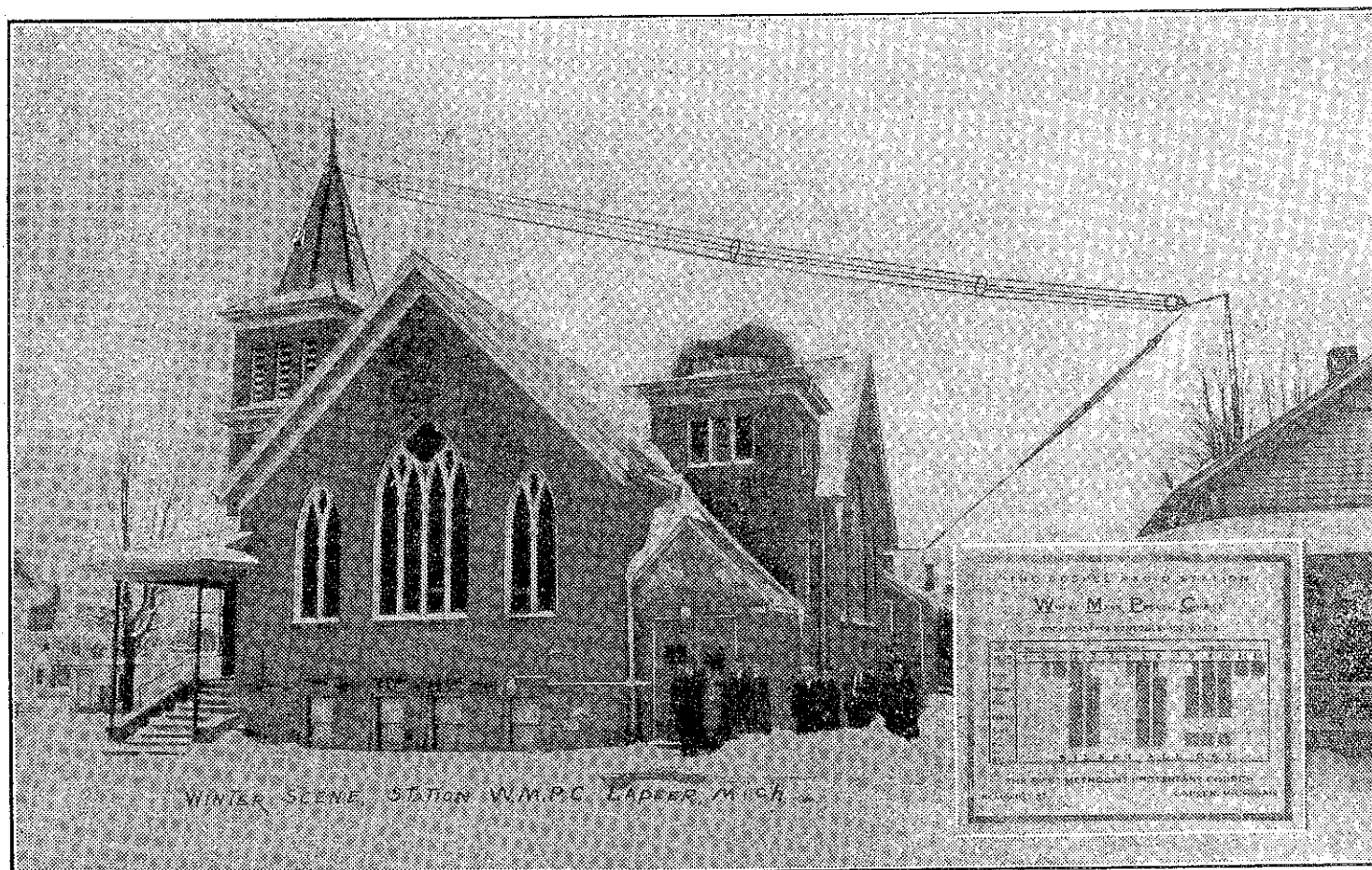


Vol. VI., No. 4.

WELLINGTON, FRIDAY, AUGUST 5, 1932.

Price 3d.

In Winter Garb



Station WMPC, of Lapeer, Michigan, a church station whose slogan is: "Where Many Preach Christ." Though its power is only 100 watts and the transmitting aerial lacks height, this station is heard occasionally by New Zealand listeners. The photograph is an enlargement of a post-card received from this station verifying a reception report sent by Mr. Frank Barnett, of Dunedin, who won the "Radio Record's" latest DX Competition with a log of 291 broadcast stations.

RADIO

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have been missing, but if you
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ting a copy, write direct to the
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The
Radio Record
BOX 1032 - WELLINGTON.

THE new 200 kw. Luxembourg advertising station is to be equipped to receive sponsored programmes from the U.S.A. With this station on one side, and Ireland's advertising station on the other, the broadcasting interests in Great Britain are becoming concerned, and it is thought in some quarters counter-action may be necessary.

DURING Berlin's Pedestrians' Safety Week, loudspeakers at traffic centres issued warnings and admonitions to unwary walkers. Motor-cars, also equipped with loudspeakers, swooped down on pedestrians, stopping just in time to avoid accident, and issuing reprimands if in the circumstances the frightened walker did the wrong thing.

IN moving from Savoy Hill to their new quarters, the B.B.C. was involved in the removal of 60 tons of musical scores. There were 10,000 bags of orchestral, 4000 bags of vocal, 12,000 bags of pianoforte, and 2000 bags of part-songs and anthems.

THE coming Presidential campaign in the U.S.A. is eagerly awaited by broadcast-station owners. Records show that both political parties spent a total of \$215,737 on broadcast publicity during the 1928 campaign. The present rate of the N.B.C. and Columbia organisations' combined facilities, works out at about \$8314 per hour.

TWO houses inside one, triple walls, triple doors, and triple windows, is the basic plan on which Rome's new broadcasting house has been built. The transmitter is situated eighteen miles away, and connected to the studio by special and private lines.

IN an enlightened country where prisoners receive regular broadcast entertainment, a plebiscite has revealed the fact that old-time melodies are the favourites. "The Man Who Broke the Bank of Monte Carlo" is extremely popular.

A SAN FRANCISCO station recently broadcast the information that a young man in Kentucky had succeeded in creating a broadcast receiver of the all-electric a.c. type, that was entirely without valves. It was said that the invention practically eliminated static and needed no renewals to be kept 100 per cent. efficient. It was further stated that the scientific world was greatly interested, and a successful future for the invention was predicted. Equally large claims for useless contraptions have been made before, but in this instance there appears to be foundation for the claims.

IT is reported that radio and its kindred acoustical arts will shortly introduce the "reading machine," also referred to as the "talking book." The device will be attachable to the receiver through which full-length books, essays, and the like will be read from sound tracks on a film.

TWO-THIRDS of the broadcasting stations in the U.S.A. have now fitted frequency control equipment capable of maintaining the operating frequency within 50 cycles of the frequency assigned. This is resultant upon new regulations which hitherto allowed a latitude of 500 cycles, but which were amended owing to complaints of heterodyning.

A FILM company in search of wild-life scenes in an African jungle found radio of immense utility in keeping in touch with headquarters. A sharp lookout had to be kept on the native women—accustomed to wear wire arm and ankle ornaments—in order to prevent them from stealing the aerial wire.

ONE European broadcasting station whose telephone callers cannot be attended to immediately, switches through to a small studio from which the caller may hear the programme being transmitted until the station's official is able to give the caller attention.

LATEST statistics reveal that Denmark has nearly half a million licensed listeners, which corresponds with a percentage of 13.8 licenses per hundred inhabitants.

AS a result of criticism directed at announcers who obtrude their personalities over the air, to the detriment of the programmes, some of the American stations are experimenting with a method by which the announcer signs off by the use of code initials. If this system meets with listeners' approval complete anonymity may be tried.

THE identification signal of a Russian Soviet broadcasting station is the striking of a hammer on an anvil. The Soviets' "Coat of Arms" is a hammer and sickle.

THE new radio regulations in Canada will permit 5 per cent. of the programme time to be occupied by strictly censored commercial announcements. Broadcasting revenue will be derived from this source, and a license fee of \$/- per annum.

AT the International Broadcasting Union Conference, held at Montreux last month, it was announced that the number of licenses in Europe alone increased by more than two millions between March, 1931, and March, 1932.

LATEST figures from Australia reveal the fact that the number of licensed listeners in New South Wales is now very little short of that of Victoria. The latter State still has a much greater license density than the major State, but the rapidity with which licenses are increasing in New South Wales suggests that Victoria may not hold the palm very long.

EXPERIMENTS are being carried out to provide direct telephonic communication between air-taxis, now becoming quite common in England, and subscribers generally.

THE Canadian Broadcasting Bill before the House of Parliament, authorising a national system of broadcasting, received a unanimous vote. A board consisting of three, one of whom will be a French-Canadian, will control all operations.

EVERY Sunday night a talk is given by some eminent French politician, scientist or writer, from Radio Colonial shortwave station in France, for the special benefit of listeners in the United States of America.

AT the recent Canadian Broadcasting Conference, the British representatives gave some interesting facts concerning the percentage costs of a typical 14-hour day B.B.C. programme. Approximately the apportionment is as follows:—Programmes themselves absorb 63 per cent.; maintenance of plant and power supply, 17 per cent.; and administration, 6 per cent. Depreciation and sundry other items absorb the remainder.

THE Breslau station is the first in Germany to abandon the policy of keeping announcers anonymous. At the beginning of the day's broadcast the names of the announcers are stated, with the times that each will be on duty. It is thought that all other German stations will adopt the system and encourage the announcers to develop a radio personality.

BROADCASTING is making rapid strides in Italy, although the increase in licenses has not been very marked. During the last twelve months three new powerful stations have been opened at Palermo, Trieste, and Bolzano, while the power of the Genoa transmitter has been increased. A chain of permanent land lines, connecting all stations to the centre, is proceeding, and with respect to the northern stations is nearing completion. The Rome Broadcasting House is a new building, constructed in accordance with modern scientific developments, and those competent to judge declare that it is not surpassed anywhere in the world.

THE rise of the National Broadcasting Company of America in the Chicago district has been phenomenal. In 1929 the Chicago staff numbered only twelve. This year it totals 750, and it is estimated that over 1200 entertainments of all classes are produced each month from the local studios.

AS it is considered that much valuable time is lost in a working day, both by announcers and speakers, in reiterating the phrase "Ladies and Gentlemen," the National Broadcasting Company of America has issued instructions for the phrase to be deleted. Exception is made only when addresses are given by such people as the President or other notable persons.

THE Queensland division of the Wireless Institute of Australia has decided to construct and operate its own official publicity broadcasting station. Work is to commence immediately, and the call sign will be VK4WL.

Pack Up Your Troubles and S I N G

Community Singing from 2YA is as popular as ever

EVERY Wednesday there congregates in the Wellington Town Hall a large number of business people, young and old, to have a merry sing-song under the direction of Mrs. Albert Russell and Owen Pritchard. The aim of the sings is twofold—to provide cheer for those who participate and those who listen, and to augment the Mayor's Fund.

In the city are many cases of dire distress, and each year the Mayor's Fund has been inaugurated to provide assistance for those in need. This fund generally meets with good response, and in the past has been greatly helped by the community singers. The sing-songs are always bright and cheerful, and take people's thoughts away from the difficulties that beset them. At the same time there is a constant reminder for those who can to send in a donation, no matter how small, to help swell the fund. From all over the country come letters of appreciation of the good work done by these sings. Almost all are unanimous in voicing their approval of the idea and say that it is one of the most popular features broadcast. Letters come from young and old, from well-to-do people and from those not so well off, from those who have seen good times and those who are on the up-grade, and nearly all enclose donations which, according to circumstances, range from 6d to £5, or even more. For some people the sending of money is an impossibility, and they do their bit by sending either some hand-made article or produce of some description. Some send knitted garments and clothes of all descriptions and others livestock; and as much as a ton of potatoes has been received for disposal. A set of etchings comes from one listener, who says that she has not the ability at knitting or with needle and thread, and so has done what she could to help swell the fund.

Until the last week or so difficulties arose when it came to handling livestock and produce, but arrangements have been made with Messrs. Townsend and Paul to dispose of these through their markets. Contributions now can be accepted in any form of saleable goods whatsoever.

Letters come from all over New Zealand and are written in various strains. Here is an excerpt from a Paekakariki letter, whose writer is evidently well on in years: "I feel like 16 years of age, singing away with all of you there instead of being what I am, a grandma. All my birds I have reared have flown away from our roof to homes of their own, but I am not lonely when the radio is about and the voices of the hall can come into my home, and I will join in with them, and perhaps feel 16 once more."



A bonnie wee laddie—Owen Pritchard, popular 2YA community sing leader.

Another one: "I must tell you how much we enjoy this hour in Stratford. It keeps us cheery in spite of bad times—real Taranaki winter weather. We are nearly all cow cockies here, you know, but the rain makes the grass grow, so why grumble?" And this writer encloses a handsome cheque for £5.

Another one: "You say you could hug all singers? Well, I sing, too. From Cressie, Christchurch, with love and kisses."

Mr. Frank Crowther, the popular pianist, was absent last week, and many comments were made. One had set her complaint to music to the tune of "Bring Back my Bonnie to Me"—"Bring back, bring back, oh bring back my Frankie to me."

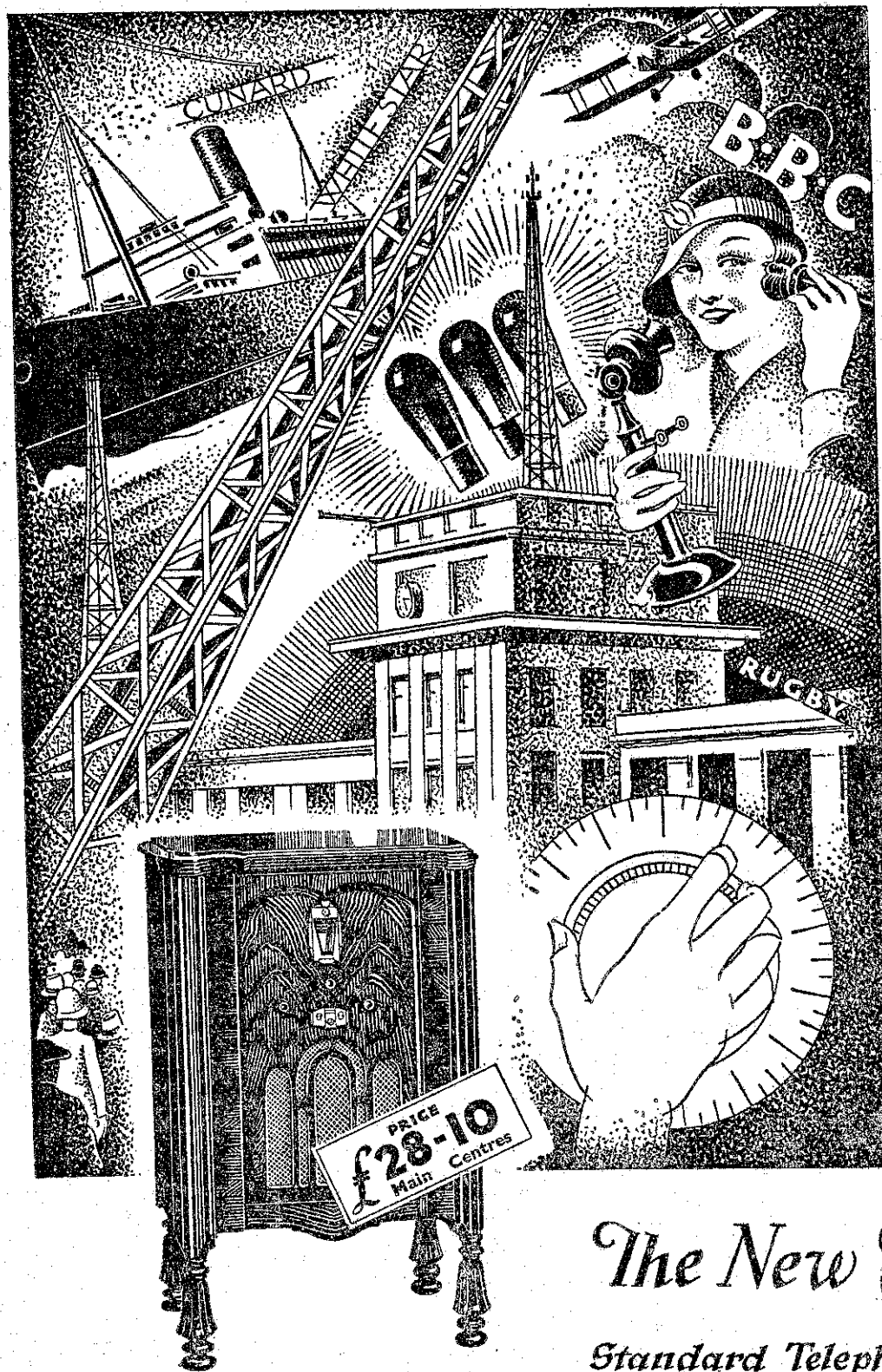
A correspondent starts: "Dear Owen,—Yes, that's right, I have paid my two bob for that privilege," and encloses five shillings. A listener in Wairoa commences his letter: "Enclosed please find 2/- from the city of bumps and shakes. Keep going. The sings are good." A writer up in the King Country declares that the sings are absolutely the best broadcasts they get.

Here is a letter written in a spiritual vein: "I wonder how many of your singers realise the spiritual value singing has in the great scheme of things. One song, 'The Promised Land,' puts it thus, 'Sing on, oh heart, His angels ever list. His angels shall make perfect our imperfect life.'"

A bright letter comes from three Scotsmen in Dunedin. "We have just been listening to your 'maternity sing' and wish to let you know how much we enjoy it. Although we come from a Scotch city, we don't like to take it for nothing, so please find 3d enclosed. Sandy, Donald and Jock." In this letter were three separate penny stamps.

A LETTER comes from a returned soldier: "Please find enclosed a few articles made by myself. I am unfortunately one of the disabled soldier-patients at the city home." A great tribute to the community singers is paid by this writer of Taranaki: "I must send you a few lines of appreciation of your cheerful singing I have just been listening to. Although coming from Auckland I am staying in Taranaki and I have just had my ninety-third birthday, and my eyesight is very dim, but thank God I can hear your lovely music and that you are making so many people happy in these times. I hope my boy will post this on his way to Wanganui. He is 72 years old. I would like to send you something, but I am too far away to get a postal note, but can send my love to you all and your happy family in Wellington. Your singers have made tears come into my eyes. I feel so happy (Continued on page 13.)"

Back of every S.T.C. Radio stands the world's greatest sound transmission and reproduction organisation.



Since the birth of the telephone S.T.C. have been developing and manufacturing appliances for the transmission and reproduction of sound, and have pioneered in the development of both radio and radio-telephony. • To-day S.T.C. is the largest organisation of its kind in the world and has behind it an amazing record of leadership in its field. S.T.C. was chosen to equip the famous Rugby (British Official Wireless) station, and also for the radio telephone service from England to America and Australia. The new B.B.C. British Empire station will be S.T.C. equipped. White Star and Cunard liners are equipped with S.T.C. radio telephone apparatus, and it is also used by the British Government for maintaining contact with air services operating from Hendon Airport. • S.T.C. has been the choice of nine European Governments as well as those of Japan, South Africa and Australia. In New Zealand, S.T.C. equipment was used for the four YA stations, and the N.Z. Telephone System is an S.T.C. installation. • The same efficiency and dependability which have given S.T.C. radio such overwhelming world preference are built into the new Silent Tuning S.T.C. Radio receiver. To buy a new radio without inspecting the S.T.C. is to discount the judgment of the world's largest and keenest radio purchasers, and that is something no one can afford to do.

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SIR JOHN REITH on...

Standardised Pronunciation

An Interview by

TOWARD the end of 1929 my firm sent me on a business trip to England. As is usual on such journeys, I went armed with letters of introduction, both of a business and private nature. A letter of introduction to Sir J. C. W. Reith, Director General of the British Broadcasting Corporation, kindly supplied by Mr. A. R. Harris, of the N.Z. Broadcasting Co., secured a good opportunity for study and investigation of my hobbies, elocution and broadcasting. Owing to pressure of business, I was unable to use this introduction until toward the end of my stay in London, and this prevented my accepting an invitation to broadcast from 2LO. On Wednesday, October 9, 1929, at 5 p.m., I took my letter of introduction to Savoy Hill and told the commissionaire that I had an appointment with the Director General—previously arranged by letter. The big man's private secretary escorted me into Sir John Reith's private office—a large room furnished in excellent taste. It immediately gave me the impression of comfort and efficiency. While waiting for the Director General, his secretary busied herself tidying the large desk—adjusting the angle of the paper-knife, filling the cigarette case, and putting one or two papers in order. The impression gained from this was that the occupant liked method and orderliness—and got it. A few minutes after 5 p.m. Sir John entered the room. He is a tall man with a slight scholarly stoop and an austere expression. His dress and manner gives the impression of a cleric.

After reading my letter of introduction, Sir John remarked that he had not previously met anyone from New Zealand on broadcasting matters, and appealed to his secretary for confirmation. He continued that broadcasting concerns from all over the world were in communication with the B.B.C., which was always willing to give the benefit of their experience to overseas radio corporations.

Again referring to Mr. Harris's letter, he said: "I see you have done some announcing. What do you think of our announcers?"

Having paid particular attention to the announcing from 2LO, I remarked that those I had heard were excellent, but thought affectation spoilt otherwise perfect English.

"Affectation—just what do you mean?"

I pointed out that it was difficult to define exactly, and proceeded to give an imitation of the 2LO announcer speaking words with the vowel O like "home," oh, ago," etc. Instead of the full round O, this was made to sound like "eu" (the nearest spelling of the phonetic sound). But the way, this is a very bad fault with certain broadcasting personalities in New Zealand, and affectation, or the appearance of it, is readily detected over the air.

On hearing my attempts at imitation, Sir John left his chair and, with long strides, began to walk up and down his room, the while he repeated, "Oh, eu, eaw," and other variations on the original vowel. "There is a certain amount of truth in your assertion," he admitted. "The B.B.C. make a point of getting Oxford or Cambridge University men for their general educational qualifications, and have to put up with what is known as the Oxford bleat."



—S. P. Andrew, photo.

F. W. BARKER

With Mr. Barker broadcasting is a hobby. His experiences range from organizing the first radio chess match in New Zealand to interviewing Sir John Reith, the director of the B.B.C., on pronunciation employed by announcers. In the capacity of acting announcer he has been heard from IYA and, recently, from 2ZW, at which station he was heard in the evening sessions from the time Mr. Strachan relinquished his position there until the appointment of Mr. Henrici.

The question of pronunciation was found to be a vexed one for the B.B.C., he continued. Listeners complain about the varied pronunciations given to the same word by different announcers. So acute did the difficulty become that the B.B.C. drew up a list of words which were commonly pronounced in various ways and submitted this list to a committee of authorities, with instructions to standardise the pronunciations. The committee consisted of Dr. Robert Bridges (Poet Laureate), A. Lloyd James, Lecturer in Phonetics, London School of Oriental Studies, George Bernard Shaw, Logan Pearsall Smith, Sir Johnstone-Forbes Robertson and Professor Daniel Jones, Professor of Phonetics in the University of London.

These gentlemen did standardise the pronunciation of the words submitted, and a booklet was issued instructing all B.B.C. announcers to pronounce the words as indicated.

"We do not arbitrarily say that our pronunciations are the correct ones," said Sir John. "But you can see that our committee is an expert one, and the tendency will be for people to pronounce these words like our announcers, and common usage will then make them correct."

The Director General kindly gave me the booklet containing the result of the committee's work, and promised to send me the second booklet, which was then in process of compilation. This second booklet arrived in New Zealand about six months later, and gives the pronunciations of all the difficult place names in England, Scotland, Ireland and Wales.

AFTER further questions concerning broadcasting in New Zealand, I was conducted through the ramifications of the B.B.C. This organisation has been previously described in this journal, but one or two strong impressions are worth recording.

The effects room, where broadcast noises are made, claimed a good deal of attention, and I was allowed to take full notes of the methods used to gain certain effects. For instance, a revolver shot

over the air is most difficult to perform naturally, and it will surprise listeners to know that the B.B.C. use an upholstered flat stick on a thunder sheet for this effect.

The studio for "temperamental people" was finished in vivid colour effects, more like a bar-parlour. The "mixing chamber" had recently been constructed when my visit was made, and they were very proud of this unique method of correctly "mixing" all the various sounds in a given item. Any one item might have a voice from studio No. 1, orchestra from studio No. 2, effects from the effects room, and announcer's voice from another room. The staff of six hundred employees in the one building gives an idea of the enormous amount of work necessary to run the B.B.C. One department handles political correspondence alone and requires a staff of twenty-five. All performers are card indexed with full particulars as to qualifications, telephone number, type, fee, address, etc. One drawer pulled out contained over a hundred cards describing sopranos—so that a programme item can be arranged quickly and with full knowledge.

Editorial Notes

Wellington, Friday, August 5, 1932.

JUST a week before the release of the Coverage Commission's report, a somewhat similar report on Australian conditions was presented to the Institute of Radio Engineers (Australia) by Captain Eckersley. In European broadcast circles there are few engineers so well known as Captain Eckersley, who was at one time chief engineer of the British Broadcasting Corporation. Since relinquishing that position he has acted in an advisory capacity to various interests. It is not surprising then that he is now in Australia at the invitation of Amalgamated Wireless, Ltd., to prepare a report on local conditions. His report and recommendations fill a pamphlet of some 40 pages, and is complete with maps, tables and graphs. But, unlike the report of the New Zealand commission, it is not written for the man in the street, although it is quite definite and concise in its recommendations.

AUSTRALIAN broadcasting, according to the Captain, caters for 3 per cent. of the population only. The stations are haphazardly placed, the wavelengths are not arranged to give maximum coverage, and the power generally inadequate. The country listener is not at all well served, but the urban listener is fairly well served. It is his contention that the listener can be properly served only when his programme is clear, uninterrupted and steady, and when he can pick up the programme independent of the day or year. So far Australian authorities have concentrated upon the use of medium waves, but the report recommends the use of long waves (from 1000 to 2000 metres), by

which 90 per cent. of the rural population can be served. His proposal is for eight new long-wave stations, ranging in power from 5 to 50 kilowatts, these to be strictly supplementary to the existing service which is to remain intact except for a slight reshuffling of locations.

IN recommending new long-wave stations, the Captain and the New Zealand commissioners are not in agreement, as the latter definitely rule out the suggestion. Their chief objection is that very high power and elaborate systems would need to be installed for two national stations where listeners could be better served by smaller regional stations and relay stations. To give reasonably good coverage, stations would have to be situated in Taumarunui and Banks Peninsula. The proposition is a different one in Australia, where the eight stations are situated near the centres.

THE second objection to the proposal is that the long waves are adversely affected by static. The Australian report points out that the difference is small. "In any case the A service of a station on long waves would be nearly twice the C (much poorer) service area of a medium-wave station. The atmospheric level would have to be five or six times greater with long waves to make this objection count seriously." The New Zealand Commission's third objection is cost, particularly in view of the fact that a service from a regional station would be of greater local interest than from a national station. The Captain justifies this by increased revenue.

THE final objection of our commissioners was undoubtedly that all the sets would have to be altered. Captain Eckersley contends that it would not make the sets dearer, and that it would effectively block the entry of foreign sets, thus building up the Australian industry. In any case there would be the medium-wave stations to which those with the older type sets could listen.

LEAVING cost and receiver out of the question, it seems that the variance in the recommendations

emphasises the difference in New Zealand and Australian conditions. The peculiar topography of our country would absorb a great deal of the energy radiated by the long-wave station, whereas the absorption in Australia would not be nearly so great. It is to be expected that were a national long-wave station erected in Taumarunui, Auckland and Wellington would have fairly poor service, they being in the outer rings of the field. In Australia the major portion of the population is concentrated in the

inner rings. Were the New Zealand stations to be placed to give urban service, the country districts would be poorly served and a great deal of the power wasted. Where population groups are well separated, as in this country, it seems that the recommendations of our Commission for regional and relay stations to serve specific areas a sound one indeed. Should Australia adopt long-wave stations, those New Zealand receivers equipped for their reception should be able to receive at least the more powerful East Coast stations very well indeed.

In Phase and Out

By "Quadrant"

BY the sound of things, 2YA's innards are being vigorously overhauled. The station does enough squealing and groaning off the regular schedule to make one believe it is getting a real rub down.

THE Commission's report is a rare document. I feel quite proud about it—for once I can understand what the experts are talking about.

THERE are strange voices from 2ZW again. Most people make friends slowly, and we all look upon the wireless people as our friends.

TED PRIESTLY is rather game trying to teach listeners to dance properly. I think if he saw some of us trying to follow his evolutions he'd give it up in disgust.

THE text of a knitting song sent to the 2YA community leaders was shown me the other day. The chorus goes "Knitting, knit, knit, knitting. It's saved us women since the fall." Their lines hang on a thread—poor women!

WE were listening to 2YA on Saturday afternoon when it went off the air. My technical friend thought it was his set, and after frantically jiggling round for some minutes gave it up in disgust, declaring, "When a station goes off the air why don't they say so?" Agreed! It would be an excellent idea, but not always practicable.

I HEARD this unique opening of an address come over the air the other day, "Listeners in New Zealand, Aus-

tralian, and perhaps the world. . . ." That is not bad. I have only once before heard its parallel. G. B. Shaw, talking from the British Broadcasting Corporation, opened his address with "Your Majesties, your Royal Highness the Prince of Wales . . . ladies and gentlemen"—apparently inferring that everyone in England was listening. But that is G.B.S.'s little joke.

IT is not nearly sufficient to require that only announcers comply with the best standards of pronunciation. All regular broadcast talkers should at least approximate good English. And this applies in no uncertain terms to the children's session. Culture and refinement can be expressed in language only by plain, unadorned pronunciation and unaffected modulation.

SOME say that an announcer's wife has a lonely life, but it has its compensations. At least she knows where he is.

PROFESSOR: Science has made such progress that we can now send pictures by wireless.
Old Lady Listener: Really, ready framed?—"Answers."

LADY of the House: This pie is absolutely poisonous!

Cook: I made it from a wireless recipe, but there was a chemistry talk coming through from another station at the same time.

A FRENCH wine expert says that one should be able to listen to wine's "electric conductivity." I've listened in to its electric verbosity often.

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Two Talented Musicians

Recital from 4YA

MISS KOA OLIVER, who is appearing with Madame Annette Chapman at 4YA on August 10, has had a distinguished musical career. A pianist of note, Miss Oliver has degrees of L.R.A.M., L.A.B. (in which she was top of New Zealand), Diploma of Execution, Fontainebleau Conservatoire of France, and F.T.C.L.

Commenting on her ability, the Dunedin "Evening Star" recently said: "Of the pianoforte playing of Miss Koa Oliver, who studied under Dr. Galway, and who has recently come from England, with the L.R.A.M. ticket, it would be impossible to write or speak too highly. This young lady went away as a promising student and has come back a commanding victress, not seeking appraisal, but as one who speaks on the piano with authority."

"Dr. Galway paid her the honour of placing her performance of Beethoven's 'Sonata in C' in the centre of his programme, and this distinction was amply justified in the results. She charmed the audience with her delivery of the Allegro, her playing being marked by continuous impulse and a rich varied tone, whilst the Rondo, the common favourite for its tunefulness, was invested with the lovely elasticity, colour, and fullness without violence."

Miss Oliver has had a distinguished musical career, and, in an interview with a southern writer, traversed some of her accomplishments. In England Miss Oliver passed for L.R.A.M. Professor S. E. Moore took a great interest in her and predicted a brilliant musical career. During her stay she had the honour of playing for the British Broadcasting Corporation, an honour which falls to the lot of few young musicians.

Dunedin is justly proud of this talented artist, who, handicapped by a severe illness which overtook her whilst a child, has triumphed over suffering and concentrated on music. She developed talent and appeared successfully on the concert platform.

Madame Annette Chapman, mezzo-soprano, who is appearing with Miss Oliver, from 4YA, has also had a distinguished musical career.

She studied for three years at the Royal Conservatorium of Music, Leipzig, under the celebrated Professor Marie Hedmondt, graduating from that college with honours.

She recently returned to Dunedin, making a highly successful debut at one of Dr. V. E. Galway's organ recitals. Of her performance a southern newspaper said: "Madame Annette Chapman is a very accomplished mezzo. Her debut in Dunedin was attended with conspicuous success, and there is not the slightest doubt that she will be a distinct acquisition to the musical circles of the city. Madame Chapman has a lovely quality, very artistically produced, and a rare interpretative sense. Any forthcoming performances by her will be looked forward to with the greatest of pleasure."

Literary Competition from YA Stations

£20 in Prize Money

LAST week we published details of the "Radio Record" Literary Competitions which will be broadcast from each of the YA stations during the second, third, and fourth weeks in August.

For the benefit of readers who may not have seen the article dealing with this matter, we recapitulate the principal features of the competitions, which will cover a portion of three evenings from each station, as per the following schedule:—

Station.	First section.	Second section.	Third section.
1YA ..	Aug. 16	Aug. 23	Aug. 30
2YA ..	Aug. 17	Aug. 24	Aug. 31
3YA ..	Aug. 18	Aug. 25	Sept. 1
4YA ..	Aug. 15	Aug. 22	Aug. 29

The announcer will read a brief biographical sketch of some well-known author or poet, and this will be followed by the reading of an extract from one of this author's, or poet's, best-known works.

Points will be awarded as follows to those who take part in the competitions:—

- To the listener who correctly names the author of any quotation 1 point
- For the naming of the book or poem from which the quoted extract is taken .. 1 point
- To the listener who locates the actual chapter or verse of any such quotation 1 point
- Making a total of 3 points for each quotation.

In the case of extracts from essays, one point will be awarded for the naming of the author, one point for locating the extract as being from an essay, and one point for giving the correct title of the essay, e.g.:

Extract No. 1—

Author—Charles Lamb.

Book—"Essays of Elia."

Essay—"Distant Correspondents."

Competitors should write on one side of the paper only, and should tabulate their replies as above.

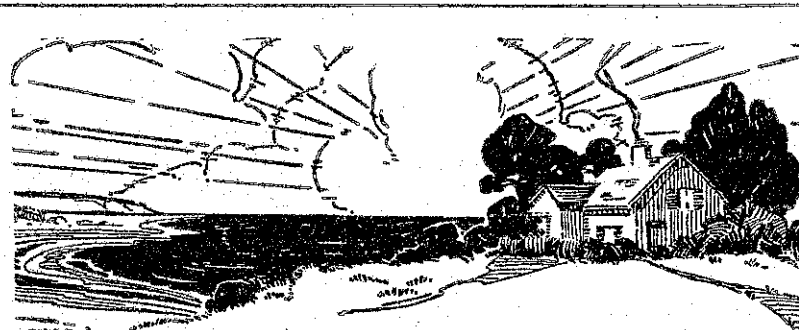
A first and second prize of £3 and £1 respectively, together with a special prize of £1 for primary or secondary school students, will be awarded in respect of each of the four competitions, making a total of £20 in prizes.

The competitions have been arranged in such form that they will provide novel entertainment for all listeners, particularly those who have not the leisure, or opportunity, to taste the fine enjoyment of reading the best works of the world's greatest authors, both English and Continental.

The excerpts which will be broadcast will cover the widest field from the earliest writings known to man to the best-known books of the present day. The greatest dramatists, lyricists, humorists, novelists, romancers, epic poets, statesmen, and orators have been drawn upon for representative excerpts from their best works, and these, in conjunction with the comments which will preface the broadcasting of each extract, will make up what is really a fascinating story of the world's literature.

The closing date for the receipt of entries, which should be addressed "Competition," care "Radio Record," will be September 17, and the prize winners will be announced in the "Radio Record."

The decision of the Editor is final.



"Here Comes the Sun"

2ZW to Broadcast Early Morning Session

Commencing on Monday, August 1, 2ZW will be on the air for a special early morning session from 7 o'clock until half-past eight every morning excepting Sunday. Such a progressive move, providing bright cheery entertainment at the beginning of the day, will be appreciated by many thousands of listeners.

W.E.A. Talks from 1YA

The Plays of John Galsworthy

A series of 4 talks to be broadcast from 1YA on Wednesdays, commencing August 10, 1932, by Rev Wm. Constable, M.A.

No. 1.—John Galsworthy, born 1867, trained for the Bar, but practised very little. Although he has travelled extensively, his roots are essentially English; a novelist first, since 1906 has filled the double role of novelist and dramatist. For that year saw "The Man of Property," the first novel of the famous "Forsyte Saga" and "The Silver Box," his first and one of his best plays, which reveals his use of contrasts, his judicial fairness, accurate realism, and strong humanity.

No. 2.—"Strife," in 1909, a play of an industrial deadlock, one of his best works, notable for its characterisation of the two protagonists, Roberts and Anthony. "Justice," a social tragedy, containing an indictment of the prison system by the barrister Frome, who voices Galsworthy's genuine feelings and opinions.

No. 3.—"The Fugitive" and "The Eldest Son" show a falling-off in his dramatic work, but "The Pigeon," whilst not so intensely dramatic, is the most self-revealing of his plays. Its underlying aim is to create a sympathetic understanding of even the most hopeless cases, and it does this with a humour that is more effective than pathos.

No. 4.—A brief study of his later plays, which show a decided falling-off, with the exception of a few plays like "Loyalties" and "Escape." Conclusion: Comparison with Bernard Shaw.

An Introduction to the Understanding of Architecture

A series of 4 talks to be broadcast from 1YA on Thursdays, commencing August 11, 1932, by Mr. R. A. Lippincott, B.Arch., F.N.Z.I.A.

No. 1.—Historical Aspect of Architecture.

No. 2.—How to appreciate and judge architecture.

No. 3.—The architecture of the modern dwelling.

No. 4.—Some architectural aspects of town planning.

Campaign Against Pirates

IN Auckland last week no fewer than 44 pirates were proceeded against in the courts for failing to have licenses in respect of their receiving sets. It is understood that definite activity is being undertaken throughout the country against radio pirates, and that an extensive campaign on a grandiose scale is being prepared for launching at suitable opportunity.

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

Our Mailbag

R.S. Exam.

I NOTE "Radio Serviceman" thinks my ideas of a "serviceman" amusing but no doubt we are looking at the matter from two different points of view.

It seems to me there should be two classes of "serviceman."

First, there is the real expert, devoting his whole time to the science, and capable of performing any job that comes along.

No doubt this is the class of serviceman "R.S." had in mind.

I was, however, thinking of the vast army of dealers, salesmen, etc., most of them engaged in other employment as well as radio, who have no facilities, or time (and in some cases, education), for acquiring technical knowledge, and yet are handy men, capable of performing most of the everyday troubles that are apt to occur a day or two before a Test match, or a wrestling contest, thus proving themselves a very present help in time of trouble.

For these latter, I cannot see that a technical examination should be compulsory.

We take our cars to garages for repairs, but though the danger to life is far greater in this case, motor mechanics are not required to pass a technical examination. By all means have examinations for the expert, entitling him to various degrees, but it seems to me that it is unreasonable to expect the 2000 odd dealers and servicemen in New Zealand to have acquired, in the short space of time that a.c. sets have been in general use (about three years) any great amount of theory on the subject.

They are, however, a practical lot and have been of immense service to their customers, and unless I am mistaken have never been responsible for a single fatality, or, indeed, any serious mishap.—"Aerial" (Hinnera).

Olympic Games Results.

NOW that arrangements have been concluded for Olympic Games results to be given from KFL, could not 4YA's frequency be shifted slightly to avoid heterodyne interference between the two stations? I am sure many listeners would welcome this.—"Sportsman" (Oamaru).

As no doubt our correspondent has now noticed 4YA's frequency has been temporarily shifted.—Ed.

Improved Programmes.

THE Broadcasting Board does not appear to be doing anything as yet in the way of reorganising the programmes and hours of the YA stations, but as a rather severe critic in the past I must say that there is an improvement in the quality of the programmes. Frank Crowther's novelty orchestra is, in my opinion, the best musical combination heard from 2YA. The class of music it plays may not

AS a listener with no other interests than that of the majority of the great listening public, permit me to review the eagerly awaited report of the Broadcast Coverage Commission as published in your columns.

The reference to "man-made interference," as far as it goes, is timely. It has merely drawn attention to what all city listeners are unfortunately only too familiar with. It is a matter which the Broadcasting Board would be well advised to adopt as one of major importance. The radio set to-day is a musical instrument, and if one cannot listen-in with some degree of certainty that his ears will not be offended by the parasitic noises that cloud the atmosphere in certain districts, a reaction will assuredly set in which will eventually destroy the popularity of radio, with disastrous effects on the board's revenue. It is to be hoped that the recommendations of the commission for co-operation between the Public Works Department, Post and Telegraph Department, and the board will not be lightly passed over. I would have appreciated more detailed reference to this in the chairman's published comments.

Everyone, excepting those with unselective sets, will approve of the recommendation of the commission for an increase in the power of the YA stations and the establishment of relay stations at strategic points to serve the greatest possible number of country listeners. This suggestion displays commendable vision as well as business acumen. The proposal, when carried into effect, will be reflected by a sharp rise in the number of licensed listeners in country districts, with consequent addition to the board's revenue.

The proposal to use more efficient plants at the four main stations is long overdue, and is one of the benefits accruing to listeners through the change of ownership where profit-making is not of such paramount consideration as up-to-date efficiency.

The Question of B Stations.

THE section of the report likely to raise most discussion is that dealing with "B" stations. The city "B" stations are to be ignored, but certain country "B" stations are to be subsidised "until such time as the improvements at the four main stations can be carried out and the relay stations es-

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meet all tastes (no orchestra in the world could do that), but it is as finely balanced a combination of its kind as is possible to get, and I feel sure it will meet the requirements of listeners of other than "high brow" music. Another feature was the well thought out sporting playlet on Tuesday, 12th. Admittedly it was centred on "that awful vice racing," but nobody could deny that it was other than a very

established." Does this mean that when such relay stations are established, the subsidy to country "B" stations will cease, or does it mean that when this coverage has been effected, the board hopes that their financial position will improve sufficiently to enable them to subsidise city "B" stations also?

Judging by the chairman's comments, there is no immediate prospect of assistance to city "B" stations, but the door does not appear to have been definitely bolted and barred, as witness the chairman's remarks that "the board considered its first duty was to endeavour to afford service to licensees in places where poor reception of the YA stations obtained." Does this mean that the board still feels that they will, if future finances permit, afford some recognition to the "B" stations of a more tangible nature than "appreciation of their services"? I think the board might be a little more explicit on this point.

I feel that the board will run a serious risk of failure if they neglect the substance for the shadow. In their desire to nurse the country listener, they must not overlook the fact that 75 per cent. of the listeners are thickly massed around the main centres. I venture to predict that if, as the result of the board's lack of encouragement, the "B" stations go out of existence, there will be such an outcry from city listeners that the board will be compelled to re-cast their ideas on the subject.

There is no denying the value of the "B" stations to the listeners. With all due respect to our local talent, recorded music as given to us by the "B" stations, brings the world's best to our fireplaces. If, as Mr. Vickery states, "the board does not desire to see the 'B' stations go out of action," the fair and proper thing to do is to compensate them for their existence, or at least to hold out some reasonable prospect of doing so in the future.

I feel I am expressing the wishes of thousands of listeners when I say "Hands off our city 'B' stations and give them a little encouragement." Before concluding, I note that the Advisory Council approved of the report "holus bolus." Does this mean that great minds think alike, or that the Advisory Council has merely made up its mind to say "Hear, hear," when listening to the board's suggestions?

I suggest that had they offered some of the comments above they would have more correctly interpreted the wishes of the listeners whom they are supposed to represent.—I. Meltzer (Wellington).

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excellent feature. 2ZR, Nelson, ranks next to 2YA for reception here, and deserves the everlasting thanks of listeners for filling in the 7 to 8 hour with music. I notice in your valuable "Mail Bag" columns a lot of criticism of such matters as the interruption of community singing to give race results and other similar happenings. In these matters let us be tolerant. The giving of race results is repugnant to some but most acceptable to others, so why grumble if the B.B. tries to cater for all?

One other thing I must mention, and that is 2YA's children's hour. This is generally fairly well conducted, but may I appeal to those in charge not to use too many, shall we say "grown-up" words. Try and talk to the children in children's talk, and they will en-

N.Z. Shortwave Club Notes

From the Secretary's Pen

I HAVE received a number of letters from ladies in Taranaki re the woodshed incident, so it appears that short-wave listening must be very popular up that way. Our list of lady members is slowly mounting. Another remarkable feature is the number of transmitters who are joining up.

A booklet for new members is now under consideration. It will be practically a correspondence course of short-wave. Later on, a definite system will be arranged for members receiving stations.

My latest postal curio is a letter that had no address—merely a club stamp—



Ernest Rogers,

tenor, broadcasting from
3YA on Friday, August 5.

—Stephano Webb, photo.

so evidently I must appear in the "Gallery" of the Postal Department.

I had a rap over the knuckles from one or two country members re my complaint about visitors. As it happens, the country members are only down for a very short time, so it does not refer to them. Only those who take on a secretary's job know what it is like. One member used to call at 7 a.m.; others at lunch time, and at 7 p.m. So, in order to do a little work, I had to ask them to make their visits brief. Visitors from the country are always welcome. As they have not the benefits of reference libraries and the facilities that town members have, it is an advantage for them to get a few ideas to take back to their friends.

Drop a line to A. B. McDonagh, Secretary, N.Z. Shortwave Club, 4 Queen Street, Wellington, and hear all about it.—Yours fraternally,

MAC.

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joy and understand it. And could not some of the Uncles who are guilty cut out their ridiculous and inane remarks to and poorly concealed flirtations with the Aunts? No doubt this little criticism will arouse a storm of protest, but I reiterate that a lot of personal rubbish is broadcast, at any rate during children's hour from 2YA.

Many thanks to DX33T for his support of my previous letter.—DX 4T,

**BURGESS  
RADIO  
BATTERIES**

**PRICES LOWER  
THAN EVER BEFORE**

*They're British, too!!!*

# STATIC

by  
"SPARK"

FROM 2ZW, Mr. Johannes Anderson made a telling plea for the despised sparrow, and disposed of the belief that is fairly general that he spreads weed seeds. Similarly to the canary, the chirpy little fellow husks his seeds before swallowing them and they are then thoroughly digested. Attention was drawn to the noticeable absence of the cicada, which lays its eggs in an incision in the bark of trees. These incisions never healed, and in the case of fruit trees the damage was enormous. The check upon this insect was largely due to the zeal of the sparrow and his kind, and were such birds destroyed the depredations of the cicada would very shortly have an effect that would be of national economic importance. Because of the sparrows' fecundity some are inclined to imagine that he is becoming a pest, but climatic conditions and absence of food attend to this, and although the breeding season may result in a total family of fifteen from one pair, the new season generally starts with but one pair again. Any destruction by human agency is very liable to upset the balance. This was observed by the South Island farmers after their concerted drive against the best friend they have, in the multiplication of the insect pests, which did much ruin to recent crops. In the three weeks of ripening fifty sparrows would probably eat a quart of grain per day, and yet New Zealand's average return was thirty bushels of wheat per acre as against nine bushels average in Australia. For three weeks the sparrow added cereals to his diet, and forty-nine weeks of the year his diet consisted very largely of pests. The acreage under cereal crop in New Zealand averages approximately 400,000, but grass lands that need the sparrow and kindred birds all the year round for prevention against insect attack, totals 30,000,000. So the little thief is paid a ridiculously small toll in wheat, to keep our food lands, wheat, grass, fruit and vegetable, free from attack that no human agency could repel.

IN pointing to the difference which characterises American drama and humour from the subtlety which is a feature of the English, Mr. Williams in his talk on "Film Stars" from 2ZW, omitted to explain why a difference existed, developed or was necessary. The fact is that there is very little American nationalism, and to get a meaning to penetrate the majority of the American audiences, composed as it usually is, of half the breeds of the earth, there

## The Week's Best Par.

"RAYO," of Nelson, wins this week's prize of 5/- for the following:—

*Henare was the possessor of a radio set and had invited some of his friends for an evening to listen-in. As had happened on previous occasions, the set refused to work, and Henare tried desperately to fix the trouble.*

*Time was slipping by, and the listeners were patiently waiting, but Henare had long since lost patience and was worked up to a state of temper. Puffing, and swearing under his breath, he sat down and took off his boots.*

*One of his pals asked him why he did so, and Henare replied: "Py korry, if I get to wild I kick the inside out."*

A prize of 5/- is awarded weekly to the contributor of the best paragraph with a radio interest. Address contributions to "Spark," Box 1032, Wellington.

must be no doubts. Charlie Chaplin soon became aware of this fact, and abolished to a minimum the captions in imperfectly understood American (English) and developed his wonderful tableaux vivant technique, so eminently suitable for the pantomimic "silents." I have often wondered if Charlie would have succeeded so greatly in his art had he remained in England. It is because of the broadness and often crudeness even, of American pictures shown in Asia that the white races have lost most of their prestige in the East. This, together with the openly flaunted vice of many American females in the East, has led the undiscerning Asiatic to believe the European is totally without virtue. A still more deplorable thing is that the British Dominions have not been left unbesmirched by contact through the film, with American broadness, Moronism and slush.

MOST people will deplore with Dr. Gibb that the high hopes entertained at the Geneva Conference did not result in something more tangible than has been accomplished for world disarmament. Dr. Gibb asserted that these committees of experts had been the laughing stock of the world, but I would not be so hard as that. We all know what the obvious retort of any member of the conference would be to Dr. Gibb. Neither would I have quoted such a fire-brand as Donald Grant as an authoritative person able to tell the experts their business; nor do I take much count of the opinions of an obsequious chauffeur. Even to-day armaments are the premium we pay for our existence and many rightly

think that the experts did not attend the conference to throw discretion to the winds. Abortive disarmament conferences are a habit. The Czar of Russia proposed world disarmament and we have had the Great War since. Dr. Gibb was on sure ground when he spoke of the hell of peace, and the missionary has a wide field before him in the industrialised and capitalistic world.

A WRESTLING relay cut short the story and description of "Delhi," the capital of our great Indian dependency, that was Captain R. H. Niel's Oriental subject from 1YA. The story, however, is to be continued at a later date. Founded nearly a thousand years before Rome was commenced, the original city is overlaid by five or six, some say eight, new cities, capitals of extinguished empires, and is not quite so ancient as Damascus. Jostling with the more or less intact citadel of the intolerant Shah Jehan, whose hey-day was about the period when Good Queen Bess was making England a first-class power, when Don John was the fear of the Turks and the Netherlander was compelled to be the best fighting man in Europe—has arisen the new capital conceived by the British overlord. The selection of the site for the new imperial capital was a hard but deserved blow to the Bengali, who from patronage had begun to think himself the salt and favoured of British India, whereas in fact the remainder of the sub-continent despises him for his infidelity and sycophancy. Madras would have had a better claim for the capital than Calcutta, but no one would suggest that the virile nor-

thern Indian should be under any sort of domination of the Madras, who the late Earl Roberts stated was not worth a uniform. The historical and geographical claims of Delhi are undeniable. When I was there the new Secretariat had almost been completed, and this gave an indication of what the new city is to be, but Delhi's charm will remain with the historical ruins of three thousand years. One of the most interesting sights of Delhi to an antiquarian is one of Asoka's monoliths. This great ruler erected many of these throughout India and inscribed them with injunctions comparable to those of Confucius.

THE "Wireless World," London, has somehow got it slightly mixed, for I read that: "Considerable surprise is felt in New Zealand at the omission of any representative of musical interests on the Advisory Council appointed to control the programmes of the New Zealand Broadcasting Board. Amateurs are well represented by Mr. F. T. Davis, 2ZF, who is president of the Taranaki Radio Society." Listeners know how far this statement is astray.

IN continuation of his talks on "Man and His Social Institutions," Professor T. A. Hunter dealt with the subject in relation to the machine age. In solving his problems of social life man established institutions which he deemed satisfactory and consequently opposed radical change. New ideas were not objected to, but their application involving alteration of cherished institutions were sternly opposed. This attitude was seen in the reactions to Copernicus, Bruno, Galileo, Darwin and the Disarmament Conferences. Until the machine age, social life was much more stable, but increased population and scientific discovery have revolutionised life. The luxuries of yesterday are necessities to-day, but we have the paradoxical result of a world teeming with more goods than people can buy. Resultant upon machine production arose a new financial fabric, but the divorcement of the social contact in finance had created a system whereby man was not obtaining the welfare that man's power could provide.

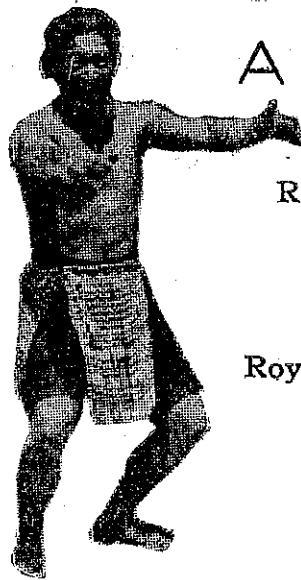
Who can say that our present method of social organisation is a success? By the purely technical and professional manner in which institutions are administered they defeat the objective of their founders and become obstacles to advancement. This is exemplified in Parliamentary Government, the Church, and Education. In the Professor's

opinion an important factor which enables us to understand some of the contradictions confronting us, is the different rates of progress made during the last century and a half, in the sphere of material organisation and the sphere of social organisation. Socially we are still organised in the same manner as our people were at the beginning of the period. There have been minor alterations, but there has been a revolution in man's environment, and no real attempt has been made to remodel his social life. Empire trade, tariffs, political party changes are mere incidents that may or may not lead to temporary prosperity. The real problem is how to organise socially in order to take full advantage of machine production.

In the financial scheme the basis of credit is confidence. Many commodities are bought by the public before the retailer pays the wholesaler, but little attention has been paid to the social aspect of the processes involved. As soon as confidence is disturbed the system breaks down, which shows that we have created a powerful machine, but lost control of it. It is clear that the machine has come into conflict with life and though a good servant it is a hard taskmaster, driving us we know not whither. The striking contradictions in life to-day are explained by the result of man's remarkable progress in physical science, and his failure to advance in the social sciences. For the human race to benefit by the mechanical creatures he has created man must free himself of the obsession that present institutions are sacred and immutable. The lucid manner in which Professor Hunter deals with his subject encourages every listener to tune to 2YA on Saturday evenings.

NO more stirring yarn has ever been broadcast than Lee Fore Brace's (1YA) of a trip with a yachting party to the Auckland Islands. These wind-worn peaks of a submerged land teem with sea fowl and animals, although by the middle of last century sealers and whalers had taken heavy toll of many species—almost to complete extinction. In 1806 it was reported to the British Government that seals abounded there in teeming millions, but when Ross visited the Islands in 1840 with the "Erebus" and "Terror," not one seal was to be seen. By the way, one of these ancient ironclads housed Australia's earliest wireless station, and this station played an important part during the Great War. Lee Fore Brace's vivid description of the wild life of the Auckland Islands I shall long remember, and never shall I forget his thrilling story of the fight between two old warriors, a sea-elephant and a sea-leopard—a fight that stilled the yachting party and all the wild life of the island. "Dragons of the prime—red in tooth and claw." Very few can tell a story like Lee Fore Brace, and no listener should miss his tales of the sea.

I THINK one of the finest reviews of a national situation was that given by Dr. Scholefield from 2YA on "Spain and Her Revolution." This dejected country, which has been so strongly monarchical and devoutly



## A Maori Concert

By the

Ropu-o-te-Whanganui-a-Tara

Entertainers

Assisted by the

Royal Naval Volunteer Reserve  
Band

will be broadcast by 2YA on

TUESDAY, AUGUST 9.

Roman Catholic, has, indeed, in breaking with her old institutions, touched bottom in national despondency. It was not thought by Dr. Scholefield that King Alfonso was personally disliked, although the Republican movement for some years had been a big factor in Spanish politics, and had the King conceded constitutional demands his family might have ruled Spain still. Spain's greatest problem is the education of her children, and with a depleted exchequer this land of limited resources, circumscribed factional interests—in a period of world-wide depression—has a task that only the stoutest hearts can face. Most people will agree with our valued commentator's opinion that the delay of counter action consolidates the position of the republic. Personally I was very sorry to see these fine people rid themselves of such a man as Alfonso. He is brave, a sportsman, and level-headed, who showed the elements of wisdom when he married an Englishwoman, and I should think that Alfonso was modern enough to concede the constitutional demands, but was too loyal a gentleman to forsake his ministers. No country has a worse colonial history than Spain, but any who know colonial Spaniards will cherish a hope that Spain may again acquire an Empire.

ernment to the work of the Empire's great builder:

IN continuation of his talks on "Makers of New Zealand," Mr. L. R. Palmer, from 2YA, spoke of the pro-Consul, Sir George Grey. The unique career of this wonderful man is a romance in Britain's colonial history. The effluxion of time permits a true perspective, and in the years to come he will be recorded as perhaps the greatest colonial governor of all time. Although the vision of a united Oceania did not materialise, and other European flags fly in the Pacific, the foundations of British institutions were solidly laid throughout the Southern Hemisphere by the prescience of this high-minded governor and statesman. His ultimate repose in St. Paul's Cathedral is due acknowledgment of the British Gov-

RADIO would have but poor justification for its existence musically, did it not encourage local talent and organisations, and the attitude of our national stations, the YAs, relaying the concerts of local musical bodies is a most commendable one. The broadcasting of the Apollo Singers' contribution to this winter's season by 2YA on Saturday next should prove interesting. Mr. H. Temple White's experienced direction is, of course, a potent factor in the singing of the choir, which is composed of male voices. I have never known of any performance conducted by Mr. White that was not characterised by elegance and finish, and I look forward to this very varied programme with pleasure. Male choirs have always been much more popular than those composed solely of lady singers, and consequently their repertoire is more extensive. Included in this programme, which should have an appeal to all tastes, I notice Brahms's "Alto Rhapsody," which has an interest of a double nature. It's composer was very fond of it and it is alleged that he slept with it beneath his pillow, though this sounds unlike the Brahms we are accustomed to think of. Had he taken his "Lullaby" to bed with him it would have been more appropriate. This "Rhapsody" is a beautiful setting for alto voice, men's chorus and orchestra, from a fragment of Goethe's narrative of a winter journey in the Harz Mountains.

The object of Goethe's travel was a visit to a young author with whom he had been corresponding, and his poem recalls their talk together. The young writer was something of a hermit, and the first two portions of the poem which Brahms has set to music emphasise the sad state of those who live apart from comradeship, taking no share in mankind's tasks. The last part of the work, however, is in a happier spirit, finding consolation in a divine thought, finely expressed; it concludes with a prayer to the Father of Love to open the selfish

eyes of the lonely one to all the beauty about him.

OF Brahms as a man less is known by the public at large than should be the case. He was distinctly a "character" who was a holy terror to musical quacks and charlatans, a man who was devastatingly outspoken, and one who had the unusual habit of always being the first to leave any assemblage in a drawing-room or salon. Standing with his back to the doorway he would make a profound bow to the company, and in audible tones would bid all good-bye, adding "to all to whom I have not been rude to-day, I humbly apologise!" He had, nevertheless, his tenderer and better side, despite his confirmed bachelor habits. Children knew Brahms as "the little round gentleman" who joined in their games. The older he grew the more he broadened—both physically and mentally. He acquired great breadth of shoulders and developed a distinctly squat figure. At the same time his face remained very youthful and with his slightly projecting under lip gave the impression of his being somewhat cynical—an impression that his speech on certain occasions did not remove. As became a man who romped with children, dress was a matter of indifference to him; he preferred old clothes, hated stiff collars and ties and felt constrained in dress shirts. Out of doors, in his brown woollen shirt sans collar, his tweed suit, his slouch hat—more than often carried in his hand than worn—and the inevitable strong cigar, with a bearded face and leonine head, he cut an unconventional figure.

TO give atmosphere to a vaudeville programme the B.B.C. permits an audience in the studio. There are many thousands on the waiting list for this favour, and it is feared that the length of time that elapses from the date of application to the issue of the permit has the effect of defeating the object of the audience. People who have waited two years to attend are liable to be uncritical, and the resultant irrational applause finds no response from the listener at home. In view of this peculiarity changes are contemplated in order that mere facial expressions do not arouse applause that leaves listeners by the loud-speaker wondering why. At all vaudeville performances from the studio, a station critic gives his impression of the performances immediately after the act, and it is thought that a similar departure would tend to improve the style of performers in other classes of entertainment.

NEGOTIATIONS are proceeding for the National Broadcasting Co. of America to purchase broadcasting station KPO, San Francisco. A construction permit to increase the power to 50,000 watts is part of the bargain, this permit having been granted KPO some months ago.

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POWERFUL LOCAL STATIONS  
AND BRING IN LOUD AND CLEAR  
THOSE ELUSIVE STATIONS  
YOU'VE ALWAYS WANTED**

**AWAY WITH  
WAVE TRAPS**

and other complicated gadgets for cutting out powerful and local stations. Just fix a PIX in the aerial lead-in wire—so simple and yet so efficient. No tuning knobs, coils or plugs. The results will amaze you, as they have already amazed over four hundred thousand PIX users all over the world. There has been nothing like it before. It is a veritable masterpiece of ingenuity, and a revolutionary idea.

**A PERFECT  
VOLUME CONTROL**

If you have a multi-valve set and the volume is too great for the ordinary room and detuning causes distortion or dual programmes, fix a PIX, and you can control the volume down to a whisper without distortion. The amazing success of the PIX has been entirely due to its efficiency, and because it does all we have claimed.

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- ⊙ Enclosed is Postal Note for 3/6, for which send me, Post Free, one British Made PIX with complete directions for installing and operating.
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TRADE ENQUIRIES MAY BE SENT TO ABOVE ADDRESS.

Clip the Pix to your Set, wall or window-ledge, etc., if desired, with this handy, extra fitting. Ready mounted on drilled insulated base with screws. Although not essential to efficient operation of the Pix, makes tuning easier and provides a neater method of fitting.



A PIX can be fitted to any type of set, whether crystal, battery, or mains operated with or without outside aerial. Just undo the wire from the aerial terminal and connect same to one end of the PIX and join the other end to the aerial terminal. By opening or partly shutting the PIX you can cut out powerful or local stations, and tune in with ease those elusive foreigners. Also reduce or increase volume. Beware of imitations.

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3/6  
POST FREE**



## Simplex Condensers

[500 and 1000 Volts]

Under a most careful test, carried out by the I.T. & T. Laboratories, Standard Simplex Condensers have proved themselves the most outstanding Condensers on the market. The test consisted of immersion in water for 4 hours, storage in an atmosphere of 80 per cent. humidity for 4 to 12 days and then subjected to a 3 to 4 minutes' 1000-volt D.C. Test. What more could be expected from a Condenser? Isn't it proved beyond all question of doubt that Simplex Condensers have perfect insulation; that they must be hermetically sealed, and that their general all-round efficiency is something never before obtained from any Condenser. Change over to-day—the installation will not take long but the "Simplex" will be there for years.

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## 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.

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WELLINGTON

Day and Night Service



## Questions and Answers

**WIRILESET (Nelson).**—I get 2ZR all over the dial. What can I do?  
A.: Instal a wavetrap, such as was described in the "Radio Guide" for 1931.

**WAERENGA (Waikato).**—I intend building the 1931 superhet. adaptor described in the "Guide" to attach to my 45E. Can I use batteries for supplying the plate current of the 227 valves?  
A.: Yes, but why go to that trouble when you can draw the power from your set?

2. How would I derive the power from my set?

A.: By making a connection on the set side of the field coil of your dynamic speaker and taking this through a 20,000 ohms variable resistance to the adaptor. If you intend to construct the adaptor build it on a metal chassis and place as many of the components as possible underneath.

**IGNORANT (Waikato).**—About 15-30 minutes after my set is switched on it fades to about half strength, but after about 9.30 p.m. the set behaves quite satisfactorily.

A.: You leaves us in a maze. Frankly, we cannot help you. Your trouble may be in the set or outside it, and without instruments diagnosing the trouble is hopeless.

**DX141A. (Kingsland).**—Do I use more power by using an inside aerial than an outside one?

A.: No; your set uses the same amount of power irrespective of the amount of signal picked up.

**MOTU (Hinu).**—Can water from a concrete tank caught off an iron roof be used for the Daniell cell charger?

A.: It may be all right, but a better plan would be to collect it in an earthenware vessel.

20 (Dunedin).—I recently replaced the valves of my Radiola 20 with Philips 4 volts, and had the set re-neutralised. The set oscillates more readily than before, and is apparently less selective. Is this any fault?

A.: This is due to the newer valves being more efficient. Reduce the voltage on the detector valve to about 22½. The set is less selective for the same reason.

2. Would a six-valve set with two dials convert to a single dial successfully?—Yes.

**A.R. (St. Leonards).**—A four-valve Hammarlund Roberts set was fully described in the 1930 "Radio Guide."

**T.P. (Nelson).**—My set distorts although I have had new valves and batteries.

A.: Probably the bias is wrong. With 605 and 90 volts "B" you should have about 12½ volts. Your valves appear to be correct, but it is impossible to get at the root of the trouble without using measuring instruments.

**THANKFUL (Oamaru).**—The "Outspan" goes well if one of the coils is uncovered, but it will not oscillate if it is covered. Would it do so if I added a few more turns to the tickler?

A.: Probably. The coil can be introducing a certain amount of damping.

2. Could I use enamelled wire instead of d.s.c. without altering the number of turns?—Yes.

**L.A.H. (Wellington).**—How many turns need I put on the coils of a regenerative set with a crystal detector?

A.: Using a 2in. former, with 26 d.s.c. wire, you require 72 turns on the secondary, 30 on the primary, and with a .00025 reaction condenser 20-25 on the tickler.

**CIRCUIT (Christchurch).**—Apparently your battery is connected correctly, and it seems as though the meter terminals have been reversed.

2. When I switch on there is sometimes a low roar in the speaker, which grows in volume every second. When I change the detector valve it does not happen.

A.: A microphonic detector. Either put a lead cap or an internally padded cocoa tin over the valve.

3. What is the best way to tune in a station that one has not the numbers for and can I use one dial instead of two?

A.: Your best plan is to look up the known station near wavelength of the wanted station, and search in the vicinity. The two condensers can be ganged, but it requires certain internal alterations—maybe new condensers. It would not be inexpensive.

**B.S. (Wanganui R.).**—Is a 3 x 2½in. former suitable for the "Outspan Five"?

A.: Do you mean for the coils? If so, it is a little big, if you have to use coil cans.

2. What is the size of wire and how many turns should I use for .00035 condensers, and .0002 differential condensers?

A.: The secondaries require, using 24 d.s.c. wire, 60 turns. Primary, aerial coil, 20 turns; r.f. coil, 30-35 turns; reaction coil, 15-20 turns.

3. We regret we cannot supply the wiring diagram. It will be the same as that published.

**H.P. (Matakana).**—Are the following valves suitable for a four-valve Courier: A425, A415, B406?

A.: Leave B406 in the last stage, but this valve in the second last stage is entirely wrong, in that it is a power valve, which draws a large current and is liable to saturate the primary of the last transformer. This valve should be replaced by A409 or a similar valve. Similarly A425 is a high gain valve, and is liable to introduce instability into a set of that type.

**SUPERHET. (Te Kauwhata):** K. Frazerhurst, Whakatane, Bay of Plenty.

**W.H.G. (Swanson):** I can take a Beverage aerial either between two hills or down in the gully and up. Which is correct?

A.: It will be quite in order to stretch it between the two hills. It is not an ideal situation, as a Beverage aerial should be low to avoid static and atmospherics, but by dipping it in the gully it would be shielded.

**DUN. (Wairoa):** When I tune in a station the squeal is greatly magnified by our next door neighbour's seven-valve set. How can I stop this?

A.: You are not tuning in correctly, for you should never let your set squeal.

(Continued on page 22.)

### 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.

# News and Views of the DX Club

## Answers to Correspondents

**F.C.C. (Auckland):** Though the Dx Club has affiliated with the Transcontinental Dx Club, this does not mean that the members of one club automatically become members of the other. It was thought that affiliation would be advantageous because, by interchange of correspondence, members could be of mutual benefit. Our district secretaries contact

## Christchurch Branch Meeting

The next meeting of the above branch of the N.Z. D.X. Club will be held at the Radio Society Rooms, Tisdall's Buildings, 91 Cashel Street, at 7.45 p.m. on Wednesday, August 10. Business: To inaugurate a branch DX Competition. Prospective junior and lady members are cordially invited. Address all inquiries to the Christchurch Secretary, DX28MC, 37 Chancellor Street, Shirley, Christchurch.

their local B stations in the event of complaints being made of their failure to answer requests for verifications. Headquarters does not undertake to write overseas stations in this matter.

**P.C. (Hannar Springs):** No, we can not.

**"Radio" (Wellington):** The amount of screening effect which hills have on an aerial is largely dependent on their mineral constitution, and whether they are in the path of the transmitted waves. If large bodies of metallic ores are present, absorption will be great and signal strength decreased.

## Identification Wanted

**Foreign station on approx. 1160 kc. (258.5 m.),** heard several mornings recently between 1 and 2 a.m. When closing at 2.15 a.m., on July 26, the following was heard: "This is the experimental station of —." Reports were asked for. Speech was broken English and only partially readable.—26HB (Kote-Maori).

**Could "Omsk" Whakatane,** advise me as to whether the station I heard on 350 m. (856 kc.) at 1.15 a.m. on July 18 is HSPL, Bangkok? At 1.15 a.m. two solos

sung in a foreign tongue by a woman were heard, followed by a number of strokes on a gong. At 1.25 a.m. a man commenced speaking in a foreign language.—"Six-Valve" (Christchurch).

**Foreign station on approx. 1310 kc. (229 m.),** heard at 6.45 p.m. on July 19. (Items heard?—Ed.)—P.J. (Otahuhu).

**Three stations** heard on a recent Sunday morning between 1 and 1.80 a.m. One on 1160 kc. (258.5 m.), heard at R 1-5 gave announcements in a foreign tongue. Soprano solo, followed by a flute solo, was heard. At 1.25 a.m. another station, which sounded Chinese, came in on 3BO's frequency. The last was heard at 1.40 a.m., very faintly, on 2BL's frequency, after this station had closed down. A man was heard speaking in English.—"Radio" (Wellington).

**Mexican station, 2 degrees above 3YA,** heard at 3.50 p.m. on July 3. Also station almost on 2BL's frequency, heard only after latter has closed. Bells, followed by announcements, are often heard.—36W. (Wellington).

## DX Topics

### Two New Australians.

**A CARD to hand** gives the following particulars of 2WG:—Address: Riverina Radio Broadcasting Company, 16 Fitzmaurice Street, Wagga Wagga, "The Voice of the Riverina" operates on 1155 k.c. (260 m.). The card is similar to 3AK's. Another Australian "B" now on the air is 4RO, Rockhampton Broadcasting Company, Rockhampton. It operates on 1330 k.c. (225.8 m.), with 250 watts power. J. B. Chandler Company, on 4BC, are also interested in this station.—1150C (Dunedin).

### Christchurch Branch Resolutions.

**AT** the last meeting of the Marlborough/Canterbury district held in Christchurch it was decided to recommend that all stations other than New Zealand count in the DX Competition. It was proposed that one point be awarded for daylight reception and one for night. It was also agreed that stations changing frequency should be relogged and that verifications from stations which had ceased operating should not be counted as a verification for the competition. For a full report of the last meeting see the August "Radio Times".—Eric W. Watson (28MC), branch secretary.

### A Station-finding Chart.

**"OMSK" (Whakatane)** asks if the Australians have ever been heard in daylight in the Bay of Plenty. About six weeks ago I heard 2FC, Sydney, relaying a church service, and again on July 24 at 12.40 p.m. this station was heard at R2. On both occasions reception was from a Beverage aerial, which runs in a north-easterly direction. The station was inaudible on my broadcast aerial, which is about 45 feet high and 110 feet long. I have not written for verification as there was too much static and interference to collect enough information to compile a comprehensive record. In the "Questions and Answers" columns of the "Radio Record" dated July 22 "Springbok" (Palmerston North) was asking how to log stations shown in metres. For logging stations between 550 k.c. and 1500 k.c. I have plotted a graph on a sheet of white cardboard 19in. x 12in. The 12in. side I divided into 100 (as my dial is 1-100), and the

(Continued on page 22.)

# £15 in Prizes

1st Prize £10

2nd Prize £2

and 4 Prizes of 10/- each

£1 Prize for Best Entry from Children under 15.

TRY YOUR SKILL AT WORD BUILDING

How many Words can you Make from the Letters contained in the words:

# "REAL CASH PRIZES"

## ALL YOU HAVE TO DO

- See how many words you can make from the letters contained in the words "Real Cash Prizes."
- Write them down as described in Rule 3 and send with a Postal Note for 1/- to Box 95, Dunedin.

## RULES.

- Only English words appearing in the average English dictionary will be allowed.
- You may only use each of the letters in REAL CASH PRIZES once in each word you build.
- All the words beginning with "A" must be set out together. All the words beginning with "C" must be set out together, and so on.
- On the top sheet of your entry write in figures the total number of words you have built.

Each competitor may send in any number of attempts. Entry fee 1/- for each attempt.

The decision of the management must be accepted as final and binding, and all entries shall be treated as formal acceptance of this condition.

Prize money has been deposited with "N.Z. Dairy Exporter," and winners will be advertised one month from date.

All entries postmarked not later than 11 p.m., Thursday, August 18th, will be accepted.

## ADDRESS ENTRIES

"WORD-BUILDERS," P.O. BOX 95Z, DUNEDIN.

BANISH HUSKINESS  
WITH

# Pulmonas

1/6 & 2/6 At all Chemists

IMPROVE YOUR RADIO RECEIVER  
Fit MULLARD the **Mullard**  
BRITISH VALVE! **THE MASTER VALVE**

**BUY  
NATIONAL  
VALVES  
THEY ARE  
GUARANTEED  
TO BE BETTER  
THAN ANY OTHER  
RADIO VALVE  
ON THE MARKET**

Now take fuel in its widest sense, i.e., coal, oil, etc. The coal industry is declining in production relative to population. We have only found so far a relatively small amount of flow oil. Anyone viewing the growth of motor transport and use of oil fuel will realise that we cannot prudently continue to import at the necessary rate. Now most geologists are confident that the chances of finding payable flow oil in quantity in New Zealand are at least 66 per cent. in spite of the legend about the country being too broken up. We need, through geological survey, modern methods of prospecting, and thoroughly organised scientific search by competent people. I notice from the Press that certain foreign interests are to commence a search in certain areas in the North Island. Even supposing they are unsuccessful, and others also, then we shall be thrown back on production of 40,000,000 gallons of oil from coal, and it has been calculated that a production of 40,000,000 gallons of petrol per year by hydrogenation of coal in New Zealand would cost overall 8d to 9d per gallon, inclusive of all charges, obsolescence, etc. Five thousand miners could be employed steadily. This is, of course, a larger cost per gallon than the present imported price. Other methods for profitable utilisation of the coal might perhaps be suggested.

Next take the electrical industry; so far we have developed but a tithe of the water-power available from rivers

## Industrial Development means Prosperity

(Concluded from last week.)

and lakes or from thermal sources, and we have obtained considerable experience in this development, and have carried out widespread reticulations, so that future developments can be carried out at a very considerably less cost per horse-power than the developments to date. Moreover, such cost of development is mainly labour, cement, etc., which are not imported.

So far we have used this electricity more or less for domestic purposes. The question is, can we develop electro-chemical industries on a big scale to take advantage of cheap power. Unfortunately we have not fully explored supplies of bauxite, so that we cannot easily develop an aluminium industry, nor have we many other minerals to operate on by present methods, yet it is not improbable that a careful search will indicate raw materials on which to operate provided we can get the power cost low enough. It is unfortunate that only one-quarter of New Zealand has yet been subject to systematic geological survey.

An interesting case in point is the production of nitrogenous fertilisers. It is true that at the present time

there is a glut of nitrogen products in the world, and these can be bought at less than cost price, yet before developments can take place this condition of affairs is not likely still to continue. Nitrogen is one of the principal factors in more intensive farming, dairying, fruit truck crops, etc., and there is no reason why it should not be produced almost as cheaply here as anywhere else in the world. Moreover, its raw materials are air, which costs nothing, and coal.

Let us take the fruit industry next, this has shown phenomenal increase during the last fifteen years, and now we export one and a half million cases of apples, yielding a revenue of some £700,000. It is probable that within six years we could double this export.

The conditions of transport (thanks to the enterprise of the Fruit Board and the shipping companies) have improved enormously, and the standard of knowledge among fruit growers as to production of good products is high and increasing, and a research service is operating. There is no reason why the cost of production should not be as low

in New Zealand as anywhere else in the world. The question as to where and whether we could market the extra fruit depends on the outcome of the negotiations of the next six months. If we have a continued tariff preference from Britain we should be able to replace some of the American importations there. If tariffs on the Continent and in America are lowered, we should find ready markets there. So far our apples have been marketed in almost every country on the Continent, but only in homeopathic doses. There is reasonable hope that other small fruits, such as passion fruit, may be transported satisfactorily to London. Moreover, chemists working with suitable equipment would probably solve such problems as preservation of fruit juice.

Developments in the canning industry might well allow expansion of market and small scale farming, though probably for home consumption only, e.g., peas, tomatoes, strawberries, asparagus.

Tobacco also offers interesting possibilities, provided technical guidance is good, some experts even hope for exports of tobacco.

### Flax.

Now take the flax industry. Apart from present operations its successful development will, if accomplished, be one of long range and steadfast purpose. High yielding disease-resisting varieties are available, but they take several years before they can be multiplied up to commercial quantities. The day is at hand when flax must be recent varieties grown for different industrial uses.

Where the variety chosen is for weaving, softer fibre is needed, or where for cordage, a stronger fibre, or where for transformation into cellophane, a high yield of cellulose is needed. The latter development may offer interesting possibilities. The use of cellophane wrapping and rayon for art silk is increasing very rapidly; also for plastics. Whereas flax pulp would have difficulty, even under conditions such as I have indicated, in competing with wood pulp, yet the so-called alpha cellulose content of this pulp, i.e., the part suitable for transformation into cellophane, etc., is a far greater proportion in the case of flax than in the case of wood pulp.

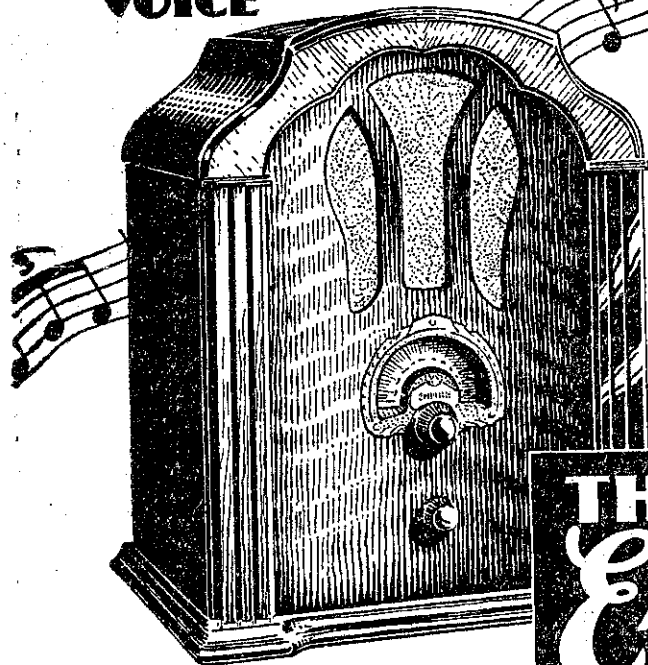
The future of the flax industry depends on our tenacity of purpose whatever direction of utilisation is contemplated.

Let us take as our next industry grass and clover seed. We export roughly £200,000 worth per annum. We can very easily double this within five years as the work of the Plane Research Station and the seed certification of the Department of Agriculture has shown the superiority of many of our lines. Many parts of New Zealand are pre-eminently more suited to seed production than the Old Country, for example.

### Wheat.

As regards the wheat industry, about which there is so much discussion, undoubtedly the future will see increased yields per acre and less cost of harvesting. At present there is growing up a contract system whereby small farmers are provided with the use of harvesters, which harvest the grain at a cost of 9d. per bushel, whereas under the old method the cost was at least 18d. per bushel. This development can mean the extension of wheat-growing to lighter land. It is true that in the growing of wheat the cost of land is a large item and the elements of risk

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are great. For instance, blight, wind, bad weather at harvesting time, hired labour, etc., increase the wheatgrowers' costs and risks of loss.

Then there is the tung oil industry. Many companies are at present being floated to establish tung oil trees for production of tung oil. One has amassed a capital of £100,000. The world demand for tung oil is certainly increasing because it has been found suitable for production of varnishes, using low grade gums. However, out of the experiences of these companies, during the next five years the best conditions for growth, i.e., soil, climatic, etc., will be ascertained so that the industry may ultimately become economic either by large plantation or as a side line.

#### Dairying.

**NEXT** we come to the dairy industry.

I suppose some three years ago, many would have thought the end of the world had come if they had been told that butter-fat would be down to 11d. per lb., but as time goes on, it will probably be found that this is quite a payable price, when financial adjustments have been made, such as will reduce costs of production. There is no doubt that production can rapidly increase.

All the year round dairying has great possibilities in our genial climate. Our greatest competitor is likely to be Australia. Fortunately, the quality of both our cheese and butter is in process of such improvement to suit the market that we shall be able to penetrate a great part of the market in the North of England and Scotland in which we have formerly only had a footing. There is little doubt that it is to our advantage that costs can be lower here than almost anywhere else and while Britain's dairy production will probably increase, yet there is in British markets ample room for many years to come for our dairy products, provided the present rate of improvement is maintained. There are also, according to many, good market possibilities in the East.

#### Leather and its Derivatives.

**LET** us take the leather industry and its derivatives. It is not generally realised that fully 75 per cent. of the leather used in New Zealand is produced locally, when account is taken of certain patent leathers, goat skins, etc., which are not produced locally. Some 30 per cent. of the cost of production consists of tanning materials which have to be imported. In spite of failures in the past, there does not seem sufficient reason why we should not grow sufficient wattle bark to replace this imported tanning material. If this were done, a new industry would be established, the cost of production of leather would be brought down accordingly, and there is not the slightest reason why we should not become exporters of certain kinds of leather both to the East and elsewhere. We have at hand the best of raw materials and can operate on them without the disadvantage of the deterioration occasioned by storage and transport with which the overseas tanners are obliged to contend. This should be a naturally indigenous industry. For some years New Zealand leather was not considered equal in quality to that imported. The improvements made in the last six years have completely removed this prejudice.

Closely related to the prosperity of the tanning industry is that of the boot

industry. This industry is following the example of the tanning industry in that its product during the last few years shows great improvement, and in many lines, is superior to that secured from overseas. This improvement is likely to be maintained and increased and is earnestly to be hoped for, because both the tanning and the boot industries will prosper together.

#### Meat.

**WE** next come to the meat industry and its derivatives, and unfortunately the by-products of this industry have slumped to a great extent during the present world-wide period of under-consumption. The by-products of this industry comprise pelts, wool, meat meals, tallow, etc. Pelts have slumped mainly because America is not buying. The quality of our product is fast improving, and the future is hopeful. Tallow has lost its value largely because of its variability in composition, and is being rapidly replaced in the manufacture of margarine by standardised products of vegetable origin. Meat meals await more profitable utilisation in the extension of the pig and poultry industries, and it is these latter industries which possess the greatest powers of quick expansion.

There are definite indications that European production of pig products has reached its peak, partly because of the limited amount of suitable feed available at a suitable price. Now is undoubtedly the time to go ahead and develop this pig industry.

One might go on to many other examples, fish, kauri, etc., but I have indicated sufficient to show that by careful planning and thoughtful progressive experimentation there are many directions in which advances are overdue. It must be remembered that one country is able to maintain a higher standard of life than another, only if, and because, human labour in that country is more productive, so that our future comfort and prosperity depends on our developing a true industrial sense. Production is dependent on the quality of labour itself, which, in turn, if properly organised, is capable both of utilising effectively the fruits of its own efforts toward further development of those natural advantages with which New Zealand has been so richly endowed. It is true that we must promote exchange of goods with other nations in addition to production for local requirements, but in this exchange we can specialise and increase production of those articles for which we have natural advantages, for the gains of specialisation and exchange depend not on absolute, but on the relative advantages and disadvantages.

The main thing is that we should take broad and long views and develop a basically technical and industrial outlook as a basis of sound development.

### Community Singing

(Continued from page 1.)

and so young again. This is the first time I have heard your sing." The handwriting displays that its writer is well on in years. It is unsteady and shaky, but is legible withal.

Every seat at the Town Hall was filled on last Wednesday, July 27, when the Women's Institute delegates from all over New Zealand attended

and lent their voices to swell the strains of the favourite community sing-songs. The institute song, 2000 copies of which were specially distributed throughout the hall, so that all could sing, was a wonderful success.

Introducing the delegation, the secretary, Mr. Palliser, remarked: "Give these ladies a real reception. We hope the Mayor's Fund will be appreciably increased by their presence and that we have a bumper collection." The delegation arrived to the chorus of "Tipperary" and afterward presented their Women's Institute song which is set to the tune of the "Londonderry Air." The audience joined in. At its conclusion there were calls for the author, and Mr. Pritchard then introduced Miss Bibby, who was seated on the stage.

Miss Spencer, representing the Women's Institute, then spoke, giving greetings to all listeners-in throughout New Zealand, Australia, and perhaps the world. Mr. Palliser remarked that Miss Spencer represented the Women's Institute which in turn represented 20,000 people scattered throughout New Zealand. The organisation was doing wonderful work. In reply, Miss Spencer thanked everybody for the magnificent reception they had received in Wellington, and hoped that the movement would do much to strengthen the bonds of Empire.

The presence of the Women's Institute delegates, who were from all parts of New Zealand, must have done much to establish the goodwill of the organisation throughout this country. Evidence of this was given when, later in the proceedings, a telegram arrived from the family of the Tikokino representative, saying that in his mother's absence they were all having a wonderful time and asking "Owen" to demand five shillings from her.

The delegates left at about 1.20, and as they were leaving the hall Mr. Pritchard led the crowd in singing "Good-bye" and "Pack Up Your Troubles."

Small goods sent for sale are sometimes auctioned, but usually taken round by the Red Cross girls who are present and offered for private sale. The donor usually marks a price and, failing this, one is assessed usually by Mrs. Albert Russell. Usually these articles realise a fair price, but sometimes they go rather too cheaply owing to their having to be disposed of quickly. However, the arrangement with Messrs. Townsend and Paul will get over this difficulty.

As a sample of the variety of things that have to be sold, sometimes at auction, include the following: Nightdress cases, bed socks, hams, rose cuttings and knitted garments of all descriptions.

As an evidence of the latest craze for knitting it is quite a common sight to see at these community sings many of the fairer sex of the audience busily engaged in knitting during the sing.

Up to date the sum of £179/19/10 has been realised. Although the number of contributions this year has been less than previously, the aggregate sum has been the same. It has been found that most of the donors are giving larger sums than formerly so, if you want to help the Mayor's Fund, send in a donation to the secretary of the Wellington Community Singing, care of 2YA, Wellington. It will be acknowledged over the air. If you have any livestock or produce, remember to send them to the Mayor's Fund, care of Townsend and Paul, auctioneers, Wellington.

### RADIO SERVICEMEN AND SALESMEN

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# Programmes for Week ending August 14

Silent Days this Week

1YA, Monday. 4YA, Thursday.

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## Sunday

1YA AUCKLAND 902 kc.  
Sunday 7.

2.0: Selected recordings and literary selection.

6.0: Children's song service.

7.0: Relay of service from St. Mary's Cathedral. Preacher, Canon William Fancourt. Organist and Choirmaster, Edgar Randall.

### Concert Programme.

March, 1YA Chamber Orchestra, "Triana" (Lope). Overture, "Oberon" (Weber).

Soprano, Patricia McLeod, "O Ma Tendre Musette"; "A Chanson du Tambourineur" (Mosigny).

Recording (Piano), Vladimir de Pachmann, "Nocturne in E Minor" (Chopin). Baritone, Geoffrey Colledge, "Lady Mine"; "For the Green" (both by Lohr). The Orchestra, "Melodie" (Rachmaninoff).

Weather forecast and notices.

Recordings, Westminster Glee Singers, "Annie Laurie"; "Sally in Our Alley" (both arr. Btranscombe).

Suite, The Orchestra, "Children's Suite" (Ansell): (a) "Punchinello," (b) "The Musical Box," (c) "The Box of Soldiers," (d) "The Story Book," (e) "The Fairy Doll."

Recording (Violin), Albert Spalding, "Introduction and Tarantelle" (Sarasate); "Nocturne in G Major" (Chopin).

Soprano with Flute, Patricia McLeod, "Lo, Here the Gentle Lark" (Bishop).

Recording, Poltronieri String Quartet, "Allegro con Brio" (Boccherini).

Mazurka, The Orchestra, "La Tzigane" (Ganne). Suite, "Egyptia"; (a) "Dawn in the Valley of Kings," (b) "Slave Dance."

Baritone, Geoffrey Colledge, "Drake Goes West" (Sanderson); "Inter Nos" (McFadyen).

Recording, Don Cossacks Choir, "Kolj Slaveniz" (Bortnjansky); "Tri Piesni" (arr. Dodrowen).

The Orchestra, "Suite de Valses" (Chabrier).

2YA WELLINGTON 720 kc.  
Monday 8

10.0: Selected recordings.

10.30: Devotional service.

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 Jeff.

### Dinner Music.

6.0: Berlin State Opera House Orchestra, "Marinarella—Overture" (Fucik). Zonophone Salon Orchestra, "Rose in the Bud" (Forster). International Novelty Quartet, "Cuckoo—Waltz" (Jonasson).

6.13: Dajos Bela Orchestra, "Vindobona—Viennese Folk Song Fantasy" (Leopold). Dajos Bela Orchestra, "Wedding in Lilliput" (Translateur).

Church Services: 1YA, 7 p.m. St. Mary's Cathedral. Preacher: Canon William Fancourt.

2YA, 7 p.m. Vivian Street Baptist Church. Preacher: Rev. L. J. Boulton-Smith.

3YA, 6.30 p.m. Durham Street Methodist Church. Preacher: Rev. P. N. Knight.

4YA, 6.30 p.m. St. Paul's Anglican Cathedral. Preacher: Very Rev. Dean Cruickshank.

2YA WELLINGTON 720 kc.  
Sunday 7.

2.0: Selected recordings.

6.0: Children's song service, conducted by Uncle George, assisted by the Children's Choir from the Newtown Church of Christ.

7.0: Relay of evening service from the Vivian Street Baptist Church. Preacher, Rev. L. J. Boulton-Smith. Organist, Chas. Collins. Choirmaster, G. W. Dowling.

### (Concert Programme.)

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

3YA CHRISTCHURCH 980 kc.  
Sunday 7.

2.0: Gramophone recital.

5.30: Children's song service by Methodist Sunday Schools.

6.15: Musical chimes.

6.30: Relay of evensong service from Durham Street Methodist Church. Preacher, Rev. P. N. Knight. Organist and Choir Conductor, Alan Wellbrook.

7.45: Selected recordings.

### Concert Programme.

8.15: Relay of programme from 4YA, Dunedin.

4YA DUNEDIN 650 kc.  
Sunday 7.

2.0: Selected recordings.

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

6.15: Selected recordings.

6.30: Relay of evening service from St. Paul's Anglican Cathedral. Preacher, Very Rev. Dean Cruickshank. Organist and Choirmaster, E. Heywood, F.R.C.O.

7.45: Selected recordings.

### Concert Programme.

8.15: Programme featuring J. Crossley Clitheroe's Madrigal Singers. Recording, State Opera House Orchestra, Berlin, "The Marriage of Figaro" (Mozart).

8.24: The Madrigal Singers, "Come, Shepherd Swains" (Willan); "Awake, Sweet Love" (Dowland).

8.29: 'Cello, Mrs. V. Moffett, "2nd Movement from Concerto in G Minor" (Handel); "Dream Idyll" (Ketelbey).

8.36: Soprano, Clarice Weir, "Flower Song" (Gounod). Shanties Male Chorus, "Clear the Track"; "Shenandoah" (both arr. Terry).

8.46: Recording, Mandolin Band, "Stephanie Gavotte" (Czibulka); "Torna a Surriento" (de Curtis).

8.51: Tenor, Eric McFarlane, "The Meeting of the Waters" (Traditional).

8.55: Piano, C. F. de Monchaux, Two Preludes: (1) "E Minor (No. 4)"; "B Flat Major (No. 21)" (Chopin).

9.0: Weather report and notices.

9.2: The Madrigal Singers, "Come Again, Sweet Love" (Dowland); "Now is the Month of Maying" (Morley).

9.9: Recording, Philadelphia Symphony Orchestra, "Bacchanale" (Saint-Saens); "Damnation of Faust" (Berlioz).

9.17: Contralto, Mary Teviotdale, "The Unforeseen" (Scott); "He is Tender with the Beasts" (Ford).

9.23: 'Cello, Mrs. V. Moffett, "Hamadill" (Bantock); "Come, Sweet Death" (Bach).

9.32: Shanties, J. Crossley Clitheroe and Male Chorus, "Hilo, Somebody"; "Blow the Man Down"; "We'll Haul the Bowlin'" (all arr. Terry).

9.42: Piano, C. F. de Monchaux, "Refrain de Berceau" (Palmgren); "La Fille aux Cheveux de Lin" (Debussy).

9.48: The Madrigal Singers, "Who is Sylvia?" (German); "Love is a Sickness" (Parry).

9.54: Recording, Band of H.M. Coldstream Guards, "Faust" (Gounod).

2YB NEW PLYMOUTH 1230 kc.  
Sunday 7.

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.

Waltz" (Kalman).

6.42: Debroy Somers Band, "Good News—Selection" (de Sylva, Brown and Henderson). Berlin State Opera House Orchestra, "From Opera to Opera" (Schestak).

7.0: News and reports.

7.30: Talk, Miss E. Blake, "British Drama League Festival."

7.40: Lecturette, W. E. Priestley, "Modern Ballroom Dancing."

### Concert Programme.

8.0: Overture, 2YA Concert Orchestra (Conductor, Leon de Mauny), "Mariana" (Wallace).

8.10: Recording (bass-baritone), Peter Dawson, "Follow Me 'Ome" (Higgs).

8.14: The Orchestra, "Alla Stella Confidente" (Robandi).

8.20: Soprano, with Orchestra, Madame Margherita Zelanda, "How Fierce He Looked and Watched Me" Ballatella, "High, High, High, Aloft They Cry" (Leoncavallo); "The Piper of Love" (Carew).

## Monday

Evening Talks: "British Drama League Festival." Miss E. Blake. 7.30.

"Modern Ballroom Dancing"—Mr. W. E. Priestley. 7.40.

"The World Outlook"—Dr. Gibb. 2YA, 9.2 p.m.

"Child Psychology"—Dr. C. E. Beeby. 9.30 (W.E.A. session).

"A Touring Team Between Matches"—Mr. J. T. Burrows. 3YA, 9.2 p.m.

"The Ancient Kingdom of Bavaria"—Mr. John Ash. 4YA, 9.2 p.m.

Features: 2YA, Madame Margherita Zelanda, colorature soprano;

2YA Concert Orchestra: Rotorua Maori Choir (recorded).

3YA, Christchurch Municipal Band: first broadcast performances by J. Thompson, baritone, and Thelma Thomson, soprano.

Stockholm Royal Opera House Orchestra, "Eugen Onegin—Polonaise" (Tschai-kowsky).

6.20: Berlin Symphony Orchestra, "Tiefand—Selection" (d'Albert). International Concert Orchestra, "Sari—

8.35: Recording (humour), Milton Hayes, "Meanderings of Monty"; "How America was Discovered" (both by Hayes).

8.41: The Orchestra, Suite ("The Nutcracker Ballet"): (1) "Overture"; (2) "Danse des Mirlitons"; (3) "Trepak"; (4) "Danse de la Fée Dragée"; (5) "Valse des Fleurs" (Tchaikowsky).

8.56: Recording, Columbia Light Opera Company, "Herman Lohr" Vocal Gems (Lohr).

9.0: Weather report and notices.

9.2: Lecturette, Dr. Gibb, "The World Outlook."

9.15: The Orchestra, "Thousand and One Nights" (Waltz) (Strauss); "Marche Militaire" (Schubert).

9.24: Recording (piano) Patricia Rossborough, "Trees" (Rasbach); "Good-night Vienna" (Posford).

9.30: Soprano, with Orchestra, Madame Margherita Zelanda, "Ave Maria" (Mascagni); "Cows Are in the Corn" (Anon); "Libiamo ne Lieti Calici" (Verdi).

9.45: Recording, Rotorua Maori Choir, "E Pare Ra" (The Warriors' Departure) (Ngata); "Haere Tonu" (Maori War Song) (Horne).

9.50: The Orchestra, "The Cinema Star" (Selection) (Gilbert).

10.0: Dance programme.

**3YA** CHRISTCHURCH 980 kc.  
Monday 8

3.0: Gramophone recital.  
4.30: Sports results.



## "The Frolics"

a Miniature Musical Comedy  
Party,

will present two bright revues

from 4YA on

FRIDAY, AUGUST 12.

5.0: Children, by Uncle John.

### 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" Waltz (Robledo).

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

6.32: Eastbourne Municipal Orchestra, "Silhouettes" (Arensky): (a) "Introduction," (b) "La Coquette." New Queen's Hall Light Orchestra, "Wood Nymphs" Valsette (Coates). Brunswick Concert Orchestra, "Sylvia" (Speaks). De Groot

and the New Victoria Orchestra, "Other Days" (arr. Finck).

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

7.0: News and reports.

7.30: W.E.A. Session, Dr. C. E. Beeby, "Child Psychology" (No. 3).

### Concert Programme.

8.0: March, Christchurch Municipal Band (Conductor, J. Noble), "The Victor's Return" (Rimmer). Chorus, "Comrades in Arms" (Adam).

8.14: Recording, John Goss and Cathedral Male Voice Quartet, "Ten Thousand Miles Away" (Willan).

8.17: Recording (piano), Constance Mering, "So Dear" (Caesar Friend).

8.20: Baritone, J. Thompson, "Troll the Bowl" (Sanderson). Australian Bush Songs, (a) "Bush Silence," (b) "King Billy's Song" (both by James).

8.26 Selection, The Band, "Ernani" (Verdi).

8.36: Soprano, Thelma Thomson, "June Rapture" (Lehmann); Waltz Song, "Tom Jones" (German).

8.40: Whistling, Mrs. H. Paton, "Lay My Head Beneath a Rose" (Falkenstein); "When the Moon Comes Over the Mountain" (Woods).

8.45: Recording, London Novelty Orchestra, "Amina" (Lincke).

8.48: Recording, Light Opera Company, Vocal Gems, "The Desert Song" (Romberg).

8.52: Waltz, The Band, "Fascination" (Rimmer).

9.0: Weather forecast and notices.

9.2: Talk, J. T. Burrows, "A Touring Team Between Matches."

9.17: Recording (Organ), Terence Casey, "Annie Laurie" (arr. Casey).

9.21: Baritone, J. Thompson, "Pass Every Man" (Sanderson); "My Sword for the King" (Michael Head).

9.25: Medley, The Band, "A Melodious Review" (arr. Rimmer).

9.33: Soprano, Thelma Thomson, "Unfolding"; "Rosa Resurget" (both by Lehmann).

9.36: Recording, J. H. Squire Celeste Octet, "The Piccaninnies' Picnic" (Squire).

9.39: Recording, Male Chorus, "War Songs."

9.43: Whistling, Mrs. Paton, "Granny's Highland Home" (Macfarlane); "When Your Hair has Turned to Silver" (de Rose).

9.49: Recording, London Novelty Orchestra, "Love in Idleness" (Macbeth).

9.52: Recording (Humour), Ann Penn, "That Monte Carlo Song" (Endor Streenberg).

9.55: March, The Band, "The Conqueror" (Smith).

**4YA** DUNEDIN 650 kc.  
Monday 8

3.0: Selected recordings.

4.30: Sports results.

5.0: Children, by Uncle Jack.

### Dinner Music.

6.0: Berlin State Opera House Orchestra, "If I Were King—Overture" (Adam). Bournemouth Municipal Orchestra, "Fluttering Birds" (Gennin). The 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" (Mozzkowski). International Novelty Quartet, "The Skaters—Waltz" (Waldteufel). The Royal Opera House Orchestra, Stockholm, "In a Country Lane" (Coates).

6.34: Dinicu and His Orchestra, "Horn 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 Alster" (Fetras).

7.0: News and reports.

### Concert Programme of Recordings.

8.0: Philadelphia Symphony Orchestra, "Toccata and Fugue in D Minor" (Bach).

8.9: Tenor, Richard Tauber, "Im Chambre Separee" (Heuberger); "Waltz Song" (Lehar).

8.15: Trio, de Groot, Bor and Kilbey, "Selection of Chopin Melodies" (Chopin); "Der Kasperk" (de Groot).

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

8.29: Humour, Tommy Handley and Coy., "The Dis-Orderly Room" (Blöre).

8.35: Organ, John Hassel, "By the Waters of Minnetonka" (Lieurance).

8.38: New Mayfair Orchestra, "Blue Roses" (Selection) (Ellis).

8.42: Piano, Vladimir Horowitz, "Paganini Etude in E Flat Major" (Paganini); "Children's Corner, No. 3" (Debussy).

8.48: Soprano, Leila Ben Sediva, "Non, Jamais, Jamais"; "Trahir Vincent" (both by Gounod).

8.54: Overtures, Vienna Philharmonic Orchestra, "Marriage of Figaro"; "Il Seraglio" (both by Mozart).

9.0: Weather report and notices.

9.2: Talk, John Ash, "The Ancient Kingdom of Bavaria."

9.17: Marek Weber Orchestra, Fantasia on the song, "Long, Long Ago" (Dittrich).

9.25: Bass-baritone, Peter Dawson, "The Song of the Tibber" (Elliot); "Gipsy John" (Cloy).

9.31: Band of H.M. Coldstream Guards, "Wilfred Sanderson's Songs" (Sanderson).

9.39: Humour, Wish Wynne, "A Servant Girl"; "Our District Visitor" (both by Wynne).

9.45: International Novelty Orchestra, "Italian Airs" (Selection).

9.48: Cornet, Del Staigers, "My Heaven of Love" (Goldman).

9.51: Male Trio, Bud and Joe Billings, and Carson Robison, "In the Cumberland Mountains"; "Missouri Valley" (both by Robison).

9.57: Regal Cinema Orchestra, "A Musical Jig-Saw" (Part 1) (arr. Aston).

**2YB** NEW PLYMOUTH 1230 kc.  
Monday 8

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

8.0 to 10.0: Studio concert.

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# STEWART-WARNER Round-the-World RADIO

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**4YA** DUNEDIN 650 kc.  
Monday 8

3.0: Selected recordings.

**1YA AUCKLAND 902 kc.**  
Tuesday 9

**3.0:** Selected Recordings, and Literary Selection.

**4.30:** Sports results.

**5.0:** Children, by "Uncle Dave."

#### Dinner Music.

**6.0:** Plaza Theatre Orchestra, "A Musical Switch—Humoresque" (arr. Alford). The Salon Orchestra, "Serenade" (Schubert).

**6.14:** Marek Weber and His Orchestra, "From Mozart's Treasure Trove—Fantasie" (Urbach). The International Concert Orchestra, "Love and Spring—Waltz" (Waldteufel). The 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 His Orchestra, "La Tosca—Potpourri" (Puccini, arr. Tavan).

**6.48:** J. H. Squire Celeste Octet, "The Chorister's Dream" (Ward). Zonophone Salon Orchestra, "Sweet Adeline" (Armstrong). Pavilion Lescant Orchestra, "I Drive Out in My Little Limousine" (Cowler).

**7.0:** News and reports.

#### Concert Programme of Recordings.

**8.0:** London Symphony Orchestra, "Fine Faust Overture" (Wagner).

**8.9:** Vocal, Bessie Jones, Barrington Hooper and Foster Richardson, "Hate and Love"; "Slave, Sweet Girl, Believe Me" (both by Verdi).

**8.15:** International Novelty Quartet, "Pan and the Wood Goblins"; "Dwarfs Patrol" (both by Rathke).

**8.21:** Piano, Harold Samuel, "Gavotte" (Gluck).

**8.25:** Soprano, Mollie de Gunst, "Ritorna Vincitor" (Verdi).

**8.31:** De Groot and the New Victoria Orchestra, "The Gypsy Princess" (Kalmann).

**8.39:** Duet, Stuart Robertson and John Turner, "A Ballad When at Sea" (Keel); "A Sailor's Philosophy" (Byng).

**8.47:** Violin, Peter Bornstein, "Adagio" (Grazioli); "Rondino" (Kreisler).

**8.53:** Marek Weber Orchestra, "The Flower of Hawaii" (Abraham).

**9.1:** Weather forecast and notices.

**9.3:** Talk, George O'Halloran, "My Personal Recollections of the Poet Swinburne."

**9.23:** London Symphony Orchestra, "Nursery Suite" (Elgar).

**9.40:** Baritone, Dennis Noble, "Son o' Mine" (Wallace); "The Rebel."

**9.46:** Humour, Will Kings, "Bertram on 'Hobbies'" (Merry).

**9.49:** Organ, Quentin M. Maclean, "Three Little Times" (Hajos).

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

**9.56:** Philadelphia Symphony Orchestra, "The Stars and Stripes for Ever"; "El Capitan" (both by Sousa).

**2YA WELLINGTON 720 kc.**  
Tuesday 9

**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.

# Tuesday

**Evening Talks:** "Personal Recollection of the Poet, Swinburne"—Mr. G. O'Halloran. 1YA, 9.3 p.m.

"For the Man on the Land"—Representative of Agricultural Department. 2YA, 7.40 p.m.

"League Rugby Football"—W. E. Moyle. 3YA, 7.40 p.m.

"Are We Purposive Beings?"—Mr. R. Ferguson (W.E.A. session). 4YA, 7.30 p.m.

**Sports Broadcasts:** 3YA, 11.30 a.m. Results of C.J.C. race meeting at Riccarton.

**Features:** 1YA, Mollie de Gunst, the young Australian soprano, whom listeners heard in the leading soprano role in the recent re-broadcast of "Lucia di Lammermoor" from 2ME, Sydney, will be heard during this evening's variety recorded programme.

2YA, Relay from Town Hall of Maori concert and Royal Naval Volunteer Reserve Band; Madame Margherita Zelanda, coloratura soprano.

3YA, Popular variety programme by local artists.

4YA, Dunedin Tramways Band.

#### Dinner Music.

**6.0:** Brunswick Concert Orchestra, "March of the Tin Soldiers" (Pierne). B.B.C. Wireless Military Band, "Dance of the Tumblers" (Rimsky-Korsakov). J. H. Squire Celeste Octet, "Peter Pan" Selection (Crook).

**6.14:** Court Symphony Orchestra, "The Windmill Man" Selection. Halle Orchestra, "Capriccio Espagnole" (Rimsky-Korsakov).

**6.35:** Organ, Quentin MacLean, "Little Dolly Daydream" (Stuart). Garde Republicaine Band, "The Two Pigeons" (Messager).

**6.52:** B.B.C. Wireless Military Band, "Goliwog's Cake Walk" (Debussy). Organ, Quentin MacLean, "Lily of Laguna" (Stuart).

**7.0:** News and reports.

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

#### Concert Programme.

**8.0:** Relay from Town Hall of Maori Concert by the Ropu-o-Te-Whanganui-a-Tara Entertainers and the Royal Naval Volunteer Reserve Band (Conductor, Harry Baker).

From the studio, Madame Margherita Zelanda will be heard in the following soprano solos: "Saper Vorreste" (Verdi); "Marcheta" (a love song of Old Mexico) (Schertzinger); "Philosophy" (Emmell); Recit., "Quella Fonte"; Aria, "Regnare nel Silenzio" (Donizetti).

**10.0 (approx.):** Close down.

**3YA CHRISTCHURCH 980 kc.**  
Tuesday 9

**11.30:** Results of Canterbury Jockey Club's Race Meeting at Riccarton.

**4.30 (approx.):** Sports results.

**5.0:** Children, by "Aunt Pat."

#### Dinner Music.

**6.0:** Menorah Symphony Orchestra, "Shulamith" Selection (Goldfaden). G. Amers and the Eastbourne Municipal Orchestra, "Second Serenata" (Roselli, arr. Geel). Zurich Tonhalle Orchestra, "Andante" (Mozart).

**6.14:** Halle Orchestra, "Rosamunde Ballet Music" (Schubert): (1) "Andan-

tino," (2) "Allegro Moderato and Andante." Dajos Bela Orchestra, "Viennese Waltz Pot-pourri" (Robrecht).

**6.30:** Bournemouth Municipal Orchestra, "Echoes of the Valley" (Gennin). Grand Symphony Orchestra, "Midsummer Night's Dream" Scherzo (Mendelssohn). De Groot and His Orchestra, "Tina" (Rubens). Eastbourne Municipal Orchestra, "Tarantelle" (Saint-Saens).

**6.45:** Zurich Tonhalle Orchestra, Gavotte from "Idomeneo" (Mozart). Menorah Symphony Orchestra, "Bar Kochba" Selection (Goldfaden). Bournemouth Municipal Orchestra, "The Merry Brothers" (Gennin).

**7.0:** News and reports.

**7.40:** Talk by W. E. Moyle, "League Rugby Football."

#### Concert Programme.

**8.0:** The Christchurch Salon Orchestra, "Estudiantina" (Waldteufel); "Love's Dream" (Czibulka).

**8.10:** Recording, The Merrymakers and Ensemble, "The Merrymakers in Spain" (Ford Haenschen).

**8.14:** Piano Novelties, Les Grummitt, "Where the Blue of the Night" (Turk); "Why Did it Have to be Me?" (Green).

**8.20:** Mezzo-soprano, Millicent Jennings, "Springtime Reminds Me of You" (Rotter); "Rocky Mountain Lullaby" (King); "Home" (Clarkson).

**8.32:** Recording (Organ), Reginald Foort, "Chanson" (In Love) (Friml).

**8.35:** Humour, Jock Lockhart, "It's Ma Golden Wedding" (Kendal).

**8.41:** Salon Orchestra, "Waltz Dream" Selection (Strauss).

**8.52:** Baritone, Hugh W. Findlay, "Far Off I Hear a Lover's Flute" (Cadman); "Prince Ivan's Song" (Allitsen).

**8.57:** Recording, Band of H.M. Royal Air Force, "Parade of the Tin Soldiers" (Jessell).

**9.0:** Weather forecast and notices.

**9.2:** Reserved.

**9.16:** Recording, Band of H.M. Coldstream Guards, "Geisha" (Jones).

**9.20:** Recording, Light Opera Company, Vocal Gems, "The Lilac Domino" (Cuvillier).

**9.24:** Piano, Les Grummitt, "You Try Somebody Else" (Henderson).

**9.28:** Humour, Jock Lockhart, "I Had One With McKie" (Chandler).

**9.34:** Salon Orchestra, "Valse Piquantes" (Peel).

**9.42:** Baritone, Hugh W. Findlay, "The Pretty Creature" (Lane Wilson); "Tomorrow" (Keel).

**9.47:** Recording (Organ), Reginald Foort, "Love's Garden of Roses" (Haydn Wood).

**9.50:** Recording (Humour), Tommy Handley, "Bon Motors—Some of the Latest Models" (Handley).

**9.56:** Salon Orchestra, "Grande Valse Brillante" (Chopin).

**4YA DUNEDIN 650 kc.**  
Tuesday 9

**3.0:** Selected recordings.

**4.30:** Sports results.

**5.0:** Children, by Wendy and Aunt Leonore.

#### Dinner Music.

**6.0:** Columbia Symphony Orchestra, "Maritana" Overture (Wallace). Dajos Bela Orchestra, "Marian Glangé" Waltz (Strauss). New Mayfair Novelty Orchestra, "Uncle Pete" (Jones).

**6.15:** The J. H. Squire Celeste Octet, "Memories of Tchaikowsky" (arr. Sear). Debroy Somers Band, "A Musical Comedy Switch" (arr. Hall).

**6.31:** Johann Strauss and Symphony Orchestra, "Kiss" Waltz (Strauss). Symphony Orchestra, "La Vida Breve"—Spanish Dance (de Falla). New Light Symphony Orchestra, "Madam Butterfly" Selection (Puccini).

**6.46:** New Mayfair Novelty Orchestra, "Jollification" (Reeves). London Coliseum Orchestra, "Leslie Stuart Melodies" (Stuart). Albert W. Ketelbey's Concert Orchestra, "Jungle Drums" Patrol (Ketelbey).

**7.0:** News and reports.

**7.30:** W.E.A. Session, R. Ferguson, "Are We Purposive Beings?"

#### Concert Programme.

**8.0:** Thirty minutes of recordings.

**8.30:** March, Dunedin Tramways Band (Conductor, Chas. Morgan), "Sincerity" March (Turner); Village Bells" Intermezzo (Picquard).

**8.37:** Tenor, J. E. Davies, "The Sea Gipsy" (Head); "Afton Water" (Hume).

**8.43:** Violin, R. P. Sutton, "Scherzo—Tarantelle" (Wieniawski).

**8.50:** Mezzo-soprano, Mrs. N. G. McDonald, "Invitation" (Barry); "Wondering Why" (Clarke).

**8.55:** The Band, "You" (Foxtro); "I Believe in You" Waltz (both by Gilbert).

**9.0:** Weather reports and notices.

**9.2:** Reserved.

**9.17:** Recording, Light Opera Company, "Dearest Enemy" (Hart); "Maytime" (Young).

**9.24:** The Band, "Il Bravo" Selection (Mercandante).

**9.32:** Tenor, J. E. Davies, "The Stars in Heaven are Bright" (Traditional); "The Silent Harp" (Williams).

**9.38:** Violin, Reginald Paul Sutton, "Perfect Day" (Jacobs-Bond).

**9.42:** Recording (Humour), Clapham and Dwyer, "Golf" (Clapham and Dwyer).

**9.47:** The Band, "Here and There" (Two-step) (Ford).

**9.51:** Soprano, Mrs. N. G. McDonald, "Long Ago" (Speaks).

**9.54:** The Band, "Golden Glow" Waltz (Allen); "Changing of the Guard" (March), (Jetsam).

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TRAVEL IN COMFORT BY  
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WELLINGTON PALMERSTON  
NEW PLYMOUTH

**1YA AUCKLAND 902 kc.**  
Wednesday 10

# Wednesday

**Evening Talks:** "English Novels at the Beginning of 1932"—Recorded talk by Mr. Hugh Walpole. **1YA.**

9.2 p.m.

"International Affairs"—Dr. Guy H. Scholefield, O.B.E. **2YA, 9.2 p.m.**  
"Books of Travel, Biographies, etc."—Mr. E. J. Bell. **3YA, 7.40 p.m.**  
"Economies on the Farm"—Mr. G. A. Holmes, Department of Agriculture. **4YA, 7.15 p.m.**

**Features:** **1YA.** Ponsoby Boys' Band: Coleridge-Taylor solos will be presented by a new artist, John Dickson, baritone.  
**2YA.** Variety recorded programme.  
**3YA.** Relay of Sir Edward Elgar's cantata, "Caractacus," by Royal Christchurch Musical Society, Inc.  
**4YA.** Signor Squarise's String Orchestra: half-hour recital by Madame Annette Chapman, soprano, and Miss Koa Oliver, pianist.

8.50: Baritone, John Dickson, "Five and Twenty Sailormen"; "Sons of the Sea" (both by Coleridge Taylor).

8.56: The Band, "Queen of Erin" Waltz (Douglas).

9.0: Weather forecast and notices.

9.2: Recorded talks by well-known authors (No. 3): Hugh Walpole, "English Novels at the Beginning of 1932."

9.17: The Band, "Heroic Deeds" March (Greendale).

9.20: Soprano, Edith Whittaker, "The Birth of Morn" (Leoni).

9.24: Recording, Ann Penn, "Out in the New Mown Hay" (Dougherty).

9.27: Baritone, John Dickson, "Spanish Gold" (Fisher).

9.31: Dance programme.

**2YA WELLINGTON 720 kc.**  
Wednesday 10

10.0: Selected recordings.

10.30: Devotional service.

11.37: Lecturette, "Hollywood Affairs"

12.0: Lunch music.

2.0: Selected recordings.

3.8: Talk, Mrs. A. L. Long, "Bridge-Contract and Auction."

3.30 and 4.30: Sports results.

5.0: Children, by Aunt Molly.

**Dinner Music.**

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

6.25: Orchestre de la Société des Concerts du Conservatoire, Paris, "Le Rouet D'Omphale" (Saint-Saëns). Organ, G. T. Pattman, "Alice, Where Art Thou?" (Trdtl.). London Theatre Orchestra, "Maid of the Mountains Selection" (Fraser-Simson).

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

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

7.0: News and reports.

**Concert Programme of Recordings.**

8.0: Chimes.

8.2: Overture, The Berlin Philharmonic Orchestra, "Torch Dance" (Meyerbeer).

8.10: Bass, Theodor Chaliapin, "When the King Went Forth to War" (Koene-mann).

8.14: Paul Godwin Orchestra, "Monastery Bells" (Wely).

8.17: Yodelling, Male Quartet, "Appenzeller"; "Alpauzug" (both by Kren-ger).

8.23: Pianoforte, Benno Moiseivitch, "Suggestion Diabolique" (Prokofief); "Concerto in E Minor" (Mediner).

8.29: Comedy Sketch, Cicely Court-neidge and Company, "Laughing Gas" (Furber).

8.35: Instrumental, The Philharmonic Orchestra, Berlin, "O Beautiful May-time" (Strauss).

8.41: Soprano, Florence Austral, "A Memory" (Thomas); "The Fairy Tales of Ireland" (Coates).

8.47: Trombone Solo, E. Boam, "The Tromboneer" (Gerard). Duet, Robinson and Boam, "The Troubadours" (Hawkins).

8.53: Light Opera Company, "Helen" (Vocal Gems) (Offenbach).

9.0: Weather forecast and notices.

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

9.17: Ilja Liyschakoff Orchestra, "Die Dubarry" (Selection) (Mackeben, arr. Rohlee).

9.23: Tenor, John McCormack, "Serenade" (Schubert).

9.27: Paul Godwin Orchestra, "The Insolent Sparrows" (Lohr); "The Acrobat" (Robrecht).

9.33: Chorus and Balalaika Orchestra, Kuban Cossacks, "Medley of Gipsy Songs" (arr. Ignatieff); "Song of the Volga Boatmen" (arr. Michailowsky).

9.39: Humorous Sketch, Alexander and Mose, "In Dark Subjects" (Bennett).

9.45: Wurlitzer Organ, Gerd Thomas, "Monte Carlo Madness"; "Take What This Life of Ours Can Give"; "Just Once For All Time" (all by Heymann).

9.51: Vocal Duet, Hubert Elsdell and Norman, "The Battle Eve" (Bonheur).

9.55: Potpourri, Ilja Liyschakoff Dance Orchestra, "Hits and Bombs" (Borchert).

**3YA CHRISTCHURCH 980 kc.**  
Wednesday 10

11.0: Relay. Unveiling by His Excellency, the Governor-General, Lord Bledisloe, of Captain Cook Memorial Statue.

11.30: Results of New Zealand Metropolitan Trotting Club's meeting at Addington.

4.30: Sports results.

5.0: Children, by "Cousin Beatrice."

**Dinner Music.**

6.0: Berlin Philharmonic Orchestra, "Grand March from 'Tannhauser'" (Wagner). Vienna Philharmonic Orchestra, "Il Seraglio—Overture" (Mozart). Organ, 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 Gladness—Waltz" (Andlife). Regal Cinema Orchestra, "A Musical Jig-Saw" (arr. Aston). The Royal Opera Orchestra, Covent Garden, "Berceuse" (Jarnie-feldt).

6.31: Paul Whiteman and His Orchestra, "Song of India" (Rimsky-Korsakov). J. H. Squire Celeste Octet, "Two Eyes of Grey" (McGeoch). Ferdy Kauffman and His Orchestra, "Siciliana" (Serenata) (Schmalstich). Dajos Bela Orchestra, "The Zarewitsch—Potpourri" (Lehar). Paul Whiteman and His Orchestra, "Liebestraum" (Liszt).

6.52: Poltronieri String Quartet, "Allegro Con Brio" (Boeccherini). International Novelty Quartet, "Stephanie—Gavotte" (Ozibulka).

7.0: News and reports.

7.40: Talk, E. J. Ball, "Books of Travel, Biographies, Etc."

**Concert Programme.**

8.0: Relay of Sir Edward Elgar's cantata, "Caractacus," by Royal Christchurch Musical Society (Inc.). Conductor, W. H. Dixon, L.R.A.M. A.R.C.M. Soloists:—

"Eigen"—Soprano, Mrs. C. Tait.

"Orbin"—Tenor, Harold Prescott.

"Caractacus"—Baritone, W. Kershaw.

"Arch-Druid, Bart and Claudius"—

Bass, T. D. Williams.

(With full Orchestra and Chorus).

10.0 (approx.): Dance music.

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## 4YA

DUNEDIN 650 kc.  
Wednesday 10

- 3.0: Selected recordings.  
3.15: Home Science Talk, prepared by Otago University, "Meal Planning on a Small Income" (Part II).  
4.30: Sports results.  
5.0: Children, by Aunt Gretchen and Big Brother Bill.

## Dinner Music.

- 6.0: Berlin State Opera House Orchestra, "The Mill on the Cliffs" Overture (Reissiger). Plaza Theatre Orchestra, "Lovers' Lane Minuet" (Tours). Royal Cinema Orchestra, "King of Jazz" Selection (Yellen and Ager).  
6.19: Orchestre Symphonique de Paris. "Norwegian Rhapsody" (Lalo). The Re-

## IYA

AUCKLAND 902 kc.  
Thursday 11

- 12.15: Selected recordings.  
12.30: Relay of Mid-day Service from St. Matthew's Church.  
3.0: Selected recordings.  
3.15: Home Science Talk, prepared by the Home Science Extension Service of Otago University, "More About Bread-making."  
4.30: Sports results.  
5.0: Children, by Skipper.

## Dinner Music.

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

- 6.18: Royal Opera Orchestra, "Faust" Ballet Music (Gounod), 5th-7th Movements. 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 Gipsy 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). The London Novelty Orchestra, "A Coon Band Contest" (Cakewalk) (Pryor).  
7.0: News and reports.

## Concert Programme.

- 8.0: Relay. Leys Institute Orchestral Concert, conducted by Harold Baxter. The Orchestra, "Dawn of Freedom" March (Lottér); "Serenade" (Leoncavallo).  
Recital, Yvonne Watson, "Hundreds of Years Ago" (Booty); "Loyalty of Men" (Anon.).  
The Orchestra, "La Tzigane" Mazurka (Ganne).  
Contralto, Kay Christie, "The Silver Ring" (Chaminade).  
The Orchestra, "Faust" Selection (Gounod).  
Violin, Master Harold Tuberner, "La Capriccioso" (Ries).  
The Orchestra, "Gold and Silver" Waltz (Lehar).  
Recital, Lees Bullott, "An Old Sweetheart of Mine" (Harris).  
The Orchestra, "Chant Sans Paroles" (Tschaiakowski).

gal Salon Orchestra, "Memories of Schubert" (Schubert).

6.35: London Symphony Orchestra, "Norwegian Dances, Nos. 1 and 2" (Grieg). The Victor Olof Orchestra, "The New Moon" Selection (Romberg).

6.48: Madrid Symphony Orchestra, "Noche de Arabia" (Arabian Nights) (Arbos). National Symphony Orchestra, "Melody in F" (Rubinstein).

7.0: News and reports.

7.15: For the Man on the Land, Mr. G. A. Holmes (under the auspices of Department of Agriculture), "Economies on the Farm."

## Concert Programme.

8.0: Recording, Band of H.M. Coldstream Guards, "Tannhauser" March

(Wagner); "Marche aux Flambeaux" (Meyerbeer).

8.8: Spirituals, A. J. Lungley, "Roll, Jordan, Roll"; "Go Down, Moses"; "Hard Trials" (all Traditional).

8.15: The String Orchestra (Conductor, Signor R. Squarise), "Morceaux de Concert" (Merton); "Viellienbechen" (Haase).

8.23: Recital by Annette Chapman, Soprano, and Kuo Oliver, Pianist.

Soprano, "Ache, Mien Sohn Segen Dir" (Meyerbeer); "Alleluja" (Mozart).

Piano, Kuo Oliver, "Organ Prelude and Fugue in C" (Bach-Phillips).

Soprano, "The May Night" (Brahms); "The Trout" (Schubert).

Piano, "Rhapsodie" (Dohnanyi). Soprano, "Cradle Song" (Reger).

8.56: The String Orchestra, "Two Melodies" (Grieg); "Traumbild" (Blon).

9.0: Weather report and notices.

9.2: Reserved.

9.17: Baritone, A. J. Lungley, "Haere Ra E Hine"; "Haere Atu Ra"; "Haere E Hine" (all Traditional, arr. Phipps).

9.22: The String Orchestra, "Andante Cantabile" (Squarise); "Blumenzauber" (Leisser).

9.30: Dance music.

2YB NEW PLYMOUTH 1230 kc.  
Wednesday 10

6.30 to 7.30: Children's session, conducted by Uncle Ted and Aunt Betty.  
8.0 to 10.0: Studio concert.

9.27: Recording, Gotham Comedy Quartet, "King Arthur"; "The Old Sow" (both Traditional).

9.33: The Band, "Sunset on the St. Lawrence" (Waltz) (Heller). "Rag-a-Muffin" (Two-step) (Pryor).

9.42: Tenor, Les Stapp, "Sea Fever" (Clarke); "Moonlight" (Quilter).

9.48: Recording (Humour), Sir Harry Lauder, "When I Meet Mackay" (Lauder).

9.52: Cornet Duet, Sergts. Bowman Johnston, "Good-Bye" (Brown). March, The Band, "Comrades in Arms" (Vernon).

3YA CHRISTCHURCH 980 kc.  
Thursday 11

11.30: Results of Canterbury Jockey Club's Meeting at Riccarton.

3.15: Home Science Talk, prepared by Home Science Extension Service of Otago University, "More About Bread Making."

4.30: Sports results.

5.0: Children, by "Ladybird."

## Dinner Music.

6.0: New Mayfair Orchestra, "Folly To Be Wise"—Selection. Band of H.M. Coldstream Guards, "Selection of Wilfred Sanderson's Songs." Orchestra Mascotte, "Mimosa Waltz" (Jones).

6.15: Organ, John Hassel, "By the Waters of Minnetonka" (Lieurance). Miniature Concert Orchestra, "Punchinello" (Herbert). Debroy Somers Band, "Stealing Thro' the Classics—No. 1—The Masters" (arr. Somers).

6.30: Dr. Ormandy Instrumental Trio, "From the Land of the Sky Blue Water" (Cadman). Marek Weber and His Orchestra, "Fantasia on the Song 'Long, Long Ago'" (Dittich). Orchestra Mascotte, "Love Bells—Waltz" (Benatsky). De Groot and the Piccadilly Orchestra, "Charmaine" (Rapee-Pollack). New Light Symphony Orchestra, "Spanish Dance No. 3" (Granados).

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

7.0: News and reports.

7.20: Talk, J. W. Calder, of Canterbury Agricultural College, Lincoln, "Pasture Mixtures."

## Concert Programme of Recordings.

8.0: New York Philharmonic Orchestra, "Ride of the Valkyries" (Wagner).

8.4: Tenor, Frank Munn, "I'll Take You Home Again Kathleen" (Westendor).

8.7: Frank Westfield's Orchestra, "The New Sullivan Selection" (Sullivan).

8.13: Grand Irmier Choir, "Spinning Chorus" (Wagner).

## Thursday

Evening Talks: "Makers of New Zealand—What of the Future?" (W.E.A. session)—Mr. L. R. Palmer, M.A.,

Dip.J. 2YA, 7.30 p.m.

"Pasture Mixtures"—Mr. J. W. Calder, of Canterbury Agricultural College. 3YA, 7.20 p.m.

"Science to the Aid of Civilisation"—Dr. H. G. Denham. 3YA, 9.2 p.m.

Sports Broadcasts: 3YA. 11.30 a.m. Results of C.J.C. race meeting at Riccarton.

Features: IYA. Relay of orchestral and miscellaneous concert by the Leys' Institute Orchestra.

2YA. Wellington Artillery Band and 2YA artists.

3YA. "Ballads, Opera, and Musical Comedy."—An evening of selected recordings.

Bell Solo, N. E. Sharp, "Weymouth Chimes" (Howgill).

Contralto, Kay Christie, "Homing" (del Riego).

The Orchestra, "The Shamrock" Selection (Myddleton); London Scottish" March (Haines).

2YA WELLINGTON 720 kc.  
Thursday 11

10.0: Selected recordings.

10.30: Devotional service.

10.45: Lecturette, "Cooking by Electricity."

11.37: Lecturette, Representative of 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, "More About Bread Making."

3.30 and 4.30: Sports results.

5.0: Children, by Big Brother Jack.

## Dinner Music.

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

6.22: New Concert Orchestra, "Nights of Fragrance—Waltz" (Ziehrer). New Queen's Hall Light Orchestra, "Petite Suite de Concert" (Coleridge-Taylor). "La Caprice de Nanette." "Demande et Response," "Un Sonnet D'Amour," "La Tarentelle Fretillante."

3.40: J. H. Squire Celeste Octet, "Putting the Clock Back" (arr. Squire). Albert Sandler and His Orchestra, "For You Alone" (Geehl).

6.51: New Concert Orchestra, "Vienna Maidens Waltz" (Ziehrer). Minneapolis Symphony Orchestra, "Waiata Poi" (Hill).

7.0: News and reports.

7.30: W.E.A. Session: L. R. Palmer, M.A., Dip.J., "Makers of New Zealand—What of the Future?"

## Concert Programme.

8.0: Concert by Wellington Artillery Band (Conductor, Captain T. Herd) and 2YA Artists. March, "Invincible" (Cope). Overture, "The Village Bride" (Rimmer).

8.12: Contralto, Evelyn Robinson, "The Bitterness of Love" (Dunn); "I Heard You Singing" (Coates).

8.18: Recording (Humour), Clapham and Dwyer, "Making a Talkie" (Dwyer).

8.24: The Band, "Tesoro Mio" (Waltz) (Becceli).

8.30: Tenor, Les Stapp, "Bonnie George Campbell" (Keel); "Love of Yesterday" (Speaks).

8.36: Recording (Vocal Duets), Trix Sisters, "I'm Crazy Over You" (Lewis); "My Rock-a-Bye Baby" (Nicholls).

8.42: The Band, "Halevy" (Selection) (arr. Round).

8.54: Recording (Whistling), Josef Graf, "Dream Tango" (Maldeson); "Chestanat Blossom Time in Vienna" (Stolz).

9.0: Weather report and notices.

9.2: Reserved.

9.17: Cornet, Sergt. W. H. Bowman, "Beyond the Dawn" (Sanderson).

9.21: Contralto, Evelyn Robinson, "Silent Noon" (Vaughan Williams); "Madrigal" (Chaminade).

8.17: Violin, Charles Williams, "Some-where a Voice is Calling" (Tate).  
8.20: Baritone, Michael Bohnen, "Serenade" (Gounod).  
8.23: Orchestra of Opera Comique, Paris, "Overture Carmen" (Bizet).  
8.25: Light Opera Company, Gems from "Rose Marie" (Friml).  
8.29: Comedienne, Gracie Fields, "Little Pudden Basin" (Low).  
8.31: Selection, Dajos Bela Orchestra, "La Tosca" (Puccini).

8.39: Soprano, Elizabeth Rethberg, "It was a Dream" (Lassen). Tenor, Mario Chamlee, "Dreams of Long Ago" (Carroll).  
8.44: Piano, Patricia Rossborough, "Alice, Where Art Thou?" (Ascher).  
8.48: The Comedy Singers, "The New Moon" (Selection) (Romberg).  
8.54: Organ, Lew White, "Old Black Joe" (Foster).  
8.57: Mezzo-soprano, Olga Haley, "So We'll go no more a-Roving" (White).

9.0: Weather forecast and notices.  
9.2: Talk, Dr. H. G. Denham, "Science to the Aid of Civilisation."  
9.17: Berlin State Opera House Orchestra, "Aida" (Act 2) (Verdi).  
9.21: Piano, Arthur Meale, "Home Sweet Home" (arr. Thalberg).  
9.24: Light Opera Company, Vocal Gems "Floradora" (Stuart).  
9.32: Orchestra Opera Comique, Paris, "Ballet Music" (Massenet).

9.40: Tenor, Bud Billings, "My Cradle Sweetheart" (Newman Jones).  
9.43: Contralto, Marie Morrissey, "I Passed By Your Window" (Brahe).  
9.46: Frank Westfield's Orchestra, "Our Miss Gibbs" (Monckton).  
9.51: Baritone, John C. Thomas, "Duna" (McGill).  
9.56: Berlin State Opera House Orchestra, "The Barber of Seville" (Rossini).

## IYA AUCKLAND 902 kc. Friday 12

12.45: Relay Community Singing from Lewis Eady Hall.  
1.45: Close down.  
3.0: Selected Recordings, and Literary Selection.  
4.30: Sports results.  
5.0: Children, by "Nod."

### Dinner Music.

6.0: Royal Italian Band, "Marcia Reale" (Royal March) (Gabetti). Vienna Philharmonic Orchestra, "Dorfschwalben-Waltz." De Groot and His Orchestra, "Une Henne D'Amour" (Alexander). Mandoline Concert Society, "Echoes of the Volga" (Rutter).

6.21: Jack Hylton and His Orchestra, "Memories Of Paris" (Moretti). De Groot (violin), and David Bor (piano), with H. M. Calve (cello), "El Religioso" (Padilla). New Queen's Hall Orchestra, "Britannia—Overture" (MacKenzie).

6.38: J. H. Squire Celeste Octet, "An Old Church Legend—Intermezzo" (Trincoen). Royal Italian Band, "Inno di Garibaldi" (Ollivier). De Groot and His Orchestra, "For Ever and For Ever" (Tosti). The Royal Opera Orchestra, Covent Garden, "Eugen, Onegin" Waltz (Tchaikowsky).

6.51: De Groot (violin), David Bor (piano), and H. M. Calve (cello), "Selection of Hebrew Melodies" (arr. Saunders). J. H. Squire Celeste Octet, "An Irish Love Song" (Squire).  
7.0: News and reports.  
7.30: Sports talk.

### Concert Programme.

8.0: Recording, Band of H.M. Grenadier Guards, "Dunedin" (March) (Alford). "Barcarolle" (Tchaikowsky).  
8.9: Contralto, Mrs. Martha Atkins, "Auld Robin Gray" (Leeves); "Jean Was Not There" (Robertson).  
8.15: Recording, International Novelty Quartet, "She's a Lassie From Lancashire" (Neat). Bass, Norman Allan, "The Crocodile."

8.21: IYA Chamber Orchestra, "The Milk in the Forest" (Eilenberg). "Serenade" (Herbert).  
8.29: Humour, Hilda Morse, "Babette" (Service); "The Football Match."  
8.35: Tenor, Spencer Furrell, "One Flower Grows Alone in Your Garden" (Romberg); "In the Garden of My Heart" (Ball).  
8.41: Recording (piano), Beryl Newell, "By the Fireside" (Connolly).  
8.44: The Orchestra, "Gipsy Love" (Lehar).

8.50: Contralto, Mrs. Martha Atkins, "Ingrid's Song" (England); "If But a Bird Were I" (Hiller).  
8.55: Recording, Foden's Motor Works Band, "The Severn Suite" (Elgar).  
9.1: Weather forecast and notices.  
9.3: Talk, A. B. Chappell, M.A., "Byways of New Zealand Story."

9.18: The Orchestra, "Espagnole" (Barbot).

## Friday

**Evening Talks:** Sports talk. IYA, 7.30 p.m.  
"Byways of New Zealand Story"—Mr. A. B. Chappell, M.A. IYA, 9.3 p.m.  
"Town Planning"—Mr. J. W. Mawson, F.R.I.B.A., M.T.P.I. 2YA, 7.40 p.m.  
"Geology" (fourth of series.)—Mr. G. Jobbarns, M.A., B.Sc. (W.E.A. session). 3YA, 7.30 p.m.  
"Modern Novels"—Recorded talk by Mr. J. B. Priestley. 3YA, 9.2 p.m.  
"William Morris and Idealistic Socialism"—Mr. G. McCracken. (W.E.A. session.) 4YA, 7.30 p.m.

**Sports Broadcasts:** 3YA. 11.30 a.m. Results of the New Zealand Metropolitan Trotting Club meeting.

**Features:** IYA. IYA Chamber Orchestra: Hilda Morse, humour. selected recordings.  
2YA. 2YA Concert Orchestra: R. G. Blow, baritone: 3YA. Madame Margherita Zelandia, soprano: Gladys Vincent, violiniste.  
4YA. Miniature revues by "The Frolics."

9.28: Recording, Kalama's Quartet, "Lei Ana Ika Mokihana."

9.31: Humour, Hilda Morse, "The Wedding."  
9.36: Tenor, Spencer Furrell, "Down the River of Golden Dreams" (Klenner); "I Found You" (Noble).

9.41: Recording, International Novelty Quartet, "Molly O'Morgan" (Godfrey). Bass, Norman Allan, "Richard of Taunton Deane." Piano, Beryl Newell, "We Will Always Be Sweethearts" (Strauss).  
9.50: The Orchestra, "The Gondoliers" (Selection) (Sullivan).

## 2YA WELLINGTON 720 kc. Friday 12

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: Vienna Philharmonic Orchestra, "Morning, Noon and Night in Vienna" (Suppe). The Palladium Orchestra, "The Grasshoppers' Dance" (Bucalossi). New Symphony Orchestra, "Le Old Ballet Music" (Massenet): (1) "Castellane"; (2) "Aubade"; (3) "Andalousse"; (4) "Arragonaise"; (5) "Madrilene"; (6) "Navarraise".  
6.25: New Mayfair Orchestra, "Love Lies—Selection." International Concert Orchestra, "Luxembourg—Waltz" (Lehar). H.M. Coldstream Guards' Band, "The Belle of New York—Selections" (Kerker).  
6.37: Marek Weber and His Orchestra, "Lehariana" (Geiger). The Palladium Orchestra, "La Siesta—Barcarolle" (Norton, arr. Lotter). New Mayfair Orchestra, "Five O'Clock Girl—Selection."

6.54: H.M. Coldstream Guards' Band, "The Geisha—Selection" (Jones).  
7.0: News and reports.  
7.40: Lecturette, J. M. Mawson, F.R.I.B.A., M.T.P.I., "Town Planning."

### Concert Programme.

8.0: 2YA Concert Orchestra (Conductor, Leon de Mauny), "The Mikado" (Selection) (Sullivan).  
8.10: Twenty Minutes of Selected Recordings.  
8.30: Suite, The Orchestra, Suite from "Egyptien Ballet" (Luigini).  
8.40: Twenty Minutes of Selected Recordings.  
9.0: Weather report and notices.  
9.2: Reserved.  
9.15: The Orchestra, "Canzonetta" (Godard).  
9.20: Baritone, R. G. Blow, "The Crown of the Year" (Easthope-Martin); "Sincerity" (Clarke); "A Castilian Lament" (del Riego).  
9.30: The Orchestra, "Sourire D'Avril" (Waltz) (Depret).  
9.35: Dance programme.

## 3YA CHRISTCHURCH 980 kc. Friday 12

11.30: Results of N.Z. Metropolitan Trotting Club's Meeting at Addington (Last Day).  
4.30: Sports results.  
5.0: Children, by Uncle Jim.

### Dinner Music.

6.0: Victor Olof Salon Orchestra, "Grieg Selection" (arr. Burbach). Dajos Bela Orchestra, "Kaiser Waltz" (Strauss). Frank Westfield's Orchestra, "Fifinette—Intermezzo and Gayotte" (Fletcher).  
6.15: Grand Symphony Orchestra, "Chinese Street Serenade" (Siede). Pavilion Lescant Orchestra, "Oh! Miss Greta" Tango (Flossas). Berlin State Opera House Orchestra, "Pavilion."

(Jarnefeldt). Frank Westfield's Orchestra, "Serenade" (Heykens). Dajos Bela Orchestra, "The Three Waltz Kings" (Strauss and Sons).

6.35: Edith Lorand Orchestra, "Tales of Hoffman—Fantasia" (Offenbach). Dajos Bela Orchestra, "Narcissus" (Nevin). Frank Westfield's Orchestra, "Lilac Time" Selection (Schubert-Berte).

6.51: Pavilion Lescant Orchestra, "Drink, Brother, Drink" Waltz (Bendix). Grand Symphony Orchestra, "Japanese Lantern Dance" (Yoshitomo).  
7.0: News and reports.

7.30: W.E.A. Session, G. Jobbarns, M.A., B.Sc., "Geology" (No. 4).

### Concert Programme.

8.0: Studio Orchestra (Conductor, Harold Beck), "Stars and Stripes" (Souza); "Hungarian Lustspiel" (Kela Bela).

8.13: Recording, Lay Vicars of Westminster Abbey, "The Little Sandman" (West).

8.16: Recording (Organ), Arthur Meale, "Cavatina" (Raff).  
8.19: Violin, Gladys Vincent, "Adagio Pathetique" (Godard); "Serenade" (Drigo).  
8.29: Selected recordings.

8.35: Soprano, Margherita Zelandia, "I Wish I Were a Tiny Bird" (Lohr); "Lo, Here the Gentle Lark" (with flute obbligato by A. E. Hutton) (Bishop).  
8.50: Selected recordings.

9.0: Weather forecast and notices.

9.2: Recorded Talks by Well-known Authors (No. 2), J. B. Priestley, "Modern Novels."

9.17: Recording (Cornet), "Sylvester Ahola, "The English Rose" (German).

9.20: Soprano, Margherita Zelandia, "Cavatina," "Quel Guardo, Il Cavaliere" (Donizetti); "The Songs My Mother Sang" (Grimshaw).

## 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 odor. 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.

Our principals in Canada inform us that they sold 25,000 packets of "Shoo-fly" plant seeds last year, and as we have the Australasian agency, and stocks are very hard to get, we suggest you send to-day and avoid disappointment. Be ready for summer and the flies.

Price 2/- per packet, post free. Postal notes or stamps accepted. No money orders.

DOMINION SEED AGENCY, Box 1562, Wellington, New Zealand.

9.35: Selection, Studio Orchestra, "Maid of the Mountains" (Fraser-Sim-son).

9.49: Recording (Baritone), Peter Dawson, "Tempest of the Heart" (Verdi).

9.52: Violin, Gladys Vincent, "Canzonetta" (d'Ambrosio); "The Hornpipe" (Mistowski).

9.59: Studio Orchestra, "Dolores" (Waldteufel).

4YA

DUNEDIN

650 kc.  
Friday 12

12.30: Relay of Community Singing from Dunedin Town Hall.

3.0: Selected recordings.

4.30: Sports results.

5.0: Children, by Aunt Sheila.

## Dinner Music.

6.0: Berlin State Opera House Orchestra, "Preciosa" Overture (Weber). Brunswick Salon Orchestra, "Trees" (Rasbach). Chicago Symphony Orchestra, "Serenade" (Volkman); "Flight of the Bumble Bee" (Rimsky-Korsakov).

6.15: Cleveland Symphony Orchestra, "The School of the Fauns" (Pierne). Alexandre Glazounov and Symphony Orchestra, "The Seasons Ballet—Autumn" (Glazounov): (a) "Bacchanal," (b) "Petit Adagio," (c) "Les Bacchantes." The Classic Symphony Orchestra, "Peer Gynt Suite No. 1" (Grieg): (a) "Morning," (b) "The Death of Ase," (c) "Anitra's Dance," (d) "In the Hall of the Mountain King."

6.37: The J. H. Squire Celeste Octet, "Scottish Fantasia" (Mulder). Paris Philharmonic Orchestra, "Hansel and

Gretel" Overture (Humperdinck). De Groot and the Piccadilly Orchestra, "Till I Wake" (Woodforde-Finden). Herman Finck and His Orchestra, "Plantation Melodies" (arr. Finck). Cleveland Symphony Orchestra, "Shepherd's Hey" (Grainger).

7.0: News and reports.

7.30: W.E.A. Session, George McCracken, "Social Topics in Literature: William Morris and Idealistic Socialism" (Third of Series).

## Concert Programme.

8.0: Recording, Savoy Orpheans, "Hit the Deck" (Youmans).

8.9: Cornet, V. Aldridge, "Grand Russian Fantasia" (Levy); "Lay My Head Beneath a Rose" (Falkenstein).

8.16: The Frolics (Review Company), Entertain in Song and Story.

8.45: Banjo, H. Oliver Stokes, "A Mexican Ride" (Grimshaw); "The Clock and the Banjo" (Reser).

8.50: Recording (Duet), Winnie Melville and Derek Oldham, "Sympathy"; "The Chocolate Soldier" (both by Strauss).

8.56: Violin, Eva Judd, "Songs My Mother Taught Me" (Dvorak).

9.0: Weather report and notices.

9.2: Reserved.

9.17: Cornet, V. Aldridge, "Sea Flower" (Rollinson).

9.21: The Frolics (Review Company), Entertain in Song and Story.

9.48: Banjo, H. Oliver Stokes, "Valse Adoration" (Colicchio).

9.52: Recording, Light Opera Company, "The Girl Friend" (Rodgers).

9.55: Violin, Eva Judd, "Melody" (Davies).

9.59: Recording, Philadelphia Symphony Orchestra, "The Stars and Stripes Forever" (Sousa).

IYA

AUCKLAND

902 kc.  
Saturday 13

2.45: Relay. Rugby Football Match from Eden Park.

5.0: Children, by Cinderella.

## Dinner Music.

6.0: Philadelphia Symphony Orchestra, "Damnation of Faust—Marche Hongroise" (Berlioz). New Mayfair Orchestra, "Sons o' Guns" Selection. International Concert Orchestra, "Just a Kiss" Waltz (Kasik).

6.15: Virtuoso String Quartet, "The Emperor" Quartet" (Haydn), Theme and Variations. New Light Symphony Orchestra, "Persiflage" (Frances). De Groot and His Orchestra, "I Love You" (Grieg). The London Palladium Orchestra, "Longing" (Haydn Wood). Organ, Edward O'Henry, "Dream Lover" (Schertzing).

6.30: London Novelty Orchestra, "Love in Idleness" (Macbeth). Philadelphia Symphony Orchestra, "Samson and Delilah—Bacchanale" (Saint-Saens). International Novelty Orchestra, "Emperor Waltz" (Strauss).

6.41: Virtuoso String Quartet, "London-derry Air" (arr. Bridge). Zonophone Salon Orchestra, "Love-in-a-Mist" (Forster). De Groot and His Orchestra, "Romance" (Rubinstein). Organ, Edward O'Henry, "Just as We Used to Do" (Rull). The London Palladium Orchestra, "Vivienne" (Finck).

7.0: News and reports.

## Concert Programme.

8.0: Recording, Band of H.M. Grenadier Guards, "The Thistle" (Myddleton).

8.9: Savoy Male Quartet, "Caro Mio Ben" (Giordani, arr. Sparling). Baritone, Arthur Gally, "Leader of the Town Brass Band" (Longstaff). Quartet, "Little Tommy Went a-Fishing" (Macy).

8.21: IYA Chamber Orchestra, "The Major" (March) (Alford); "Coppelia Ballet" (Delibes).

8.31: Recording, Wish Wynne, "A Bed-time Story—Sleeping Beauty" (Wynne).

8.37: Male Alto, Bert Skeels, "Down Here" (Brahe). Savoy Male Quartet, "Love's Old Sweet Song" (Molloy).

8.44: The Orchestra, "Zwei Leider" (Dvorak).

8.50: Savoy Male Quartet, "Off in the Still Night" (Moore). Bass-baritone, S. Hislop, "Sea Fever" (Clarke).

8.56: Recording, B.B.C. Wireless Military Band, "Hungarian Dance" (Moszkowsky).

9.0: Weather-forecast and notices.

## Saturday

Evening Talks: "The Stolen Ship" by "Lee Fore Brace." IYA, 9.2 p.m.

"Can Democracy Survive?"—Professor T. A. Hunter. (W.E.A. session.) 2YA, 7.30 p.m.

"The Economic Aspect of Town Planning"—Mr. Edwin F. Sprott. 3YA, 7.45 p.m.

Sports Broadcasts: IYA, 2.45 p.m. Rugby from Eden Park. 2YA, 2.45 p.m. Rugby from Athletic Park.

3YA. Relay of League Rugby match, England v. N.Z. (2nd Test).

4YA. Rugby from Carisbrook Ground.

Features: IYA. Savoy Male Quartet: Bert Skeels, male alto. 2YA. Will Bishop, entertainer at the piano: Ernest Short, baritone, and Christina Ormiston, soprano.

3YA. Relay of 4YA's programme.

4YA. Variety programme by the Gaiety Troupe, assisted by the de Rose Octet and studio artists.

9.2: A Sea Story, "Le Fore Brace, "The Stolen Ship."

9.22: The Orchestra, "Three Dances" (Wood).

9.32: Recording (Sketch), "The Smoking Concert."

9.40: Tenor, Frank Campbell, "Country Folk" (Brahe). Savoy Male Quartet, "Simple Simon" (Macy).

9.47: Recording, Padilla's Marimba Orchestra, "Paree" (Padilla).

Recording, The Carson Sisters, "Without That Girl" (Donaldson).

9.53: The Orchestra, "Bits and Pieces" Selection (Baynes).

10.0: Sports summary.

10.10: Dance programme.

2YA

WELLINGTON

720 kc.  
Saturday 13

2.45: Relay. Rugby Football Match from Athletic Park.

5.0: Children, by Aunt Molly and Uncle Jasper

## Dinner Music.

6.0: Berlin State Opera House Orchestra, "Academic Festival" Overture (Brahms). Opera Comique Orchestra, "Scenes Pittoresques—March and Fete Boheme" (Massenet).

6.16: Berlin State Opera House Orchestra, "Slavonic Dances, Nos. 8 and 16" (Dvorak). Berlin State Opera House Orchestra, "Christmas Concerto" (Corelli).

6.39: Edith Lorand Orchestra, "Toreador and Andalous" (Rubinstein). Ber-

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

6.45: Dajos Bela Orchestra, "Strauss, the Waltz King, at Home" (Weber). Edith Lorand Orchestra, "Minuet" (Borchorini).

7.0: News and reports.

7.30: W.E.A. Session, Professor T. A. Hunter, "Man and His Social Institutions—Can Democracy Survive?"

## Concert Programme.

8.0: Overture, 2YA Concert Orchestra (Conductor, Leon de Mauny), "Pique Dame" (Suppe).

8.10: Baritone, Ernest Short, "The Sun God" (James); "The Call of the Wild" (McGeogh).

8.16: Recordings (Humour), Joe Hayman, "Cohen on Telephone Department" (Hayman). Michael Casey, "Casey at the Hospital" (Casey).

8.22: Soprano, Christina Ormiston, "Banks of Allen Water" (Anon). "There's a Whisper in the Air" (Brahe).

8.28: The Orchestra, "The Arcadians" (Monckton).

8.40: Recording, Rotorna Maori Male Quartet, "Moe Mai e Hine" (A Maori Lullaby); "Maringa Ai" (I Grieve for You).

8.46: Will Bishop will entertain at the piano.

9.0: Weather report and notices

9.2: Reserved.

9.15: Suite for Strings, The Orchestra, "Folk Tune and Fiddle Dance" (Fletcher).

9.23: Baritone, Ernest Short, "The Victor" (Sanderson); "Three for Jack" (Squire).

9.29: Recording (Male Quintet), The Singing Sophomores, "My Ohio Home"; "Chloe" (Song of the Swamp) (both by Kahn).

9.35: Soprano (with orchestra), Christina Ormiston, "The Star" (Rogers); "Rose Softly Blooming" (Spohr).

9.41: The Orchestra, "Cuban Dance" (Cervante).

9.46: Recording (Humour), Will Fyffe, "Dr. McGregor" (Fyffe).

9.50: The Orchestra, "Prelude" (Rachmaninoff); "Albanian March" (Hall).

10.0: Sporting summary.

10.10: Relay of dance music from Adelphi Cabaret.

3YA

CHRISTCHURCH 980 kc.  
Saturday 13

11.30: Results of Last Day's Races of Canterbury Jockey Club's Meeting at Riccarton.

3.0: Relay of League Rugby Football Match, England v. New Zealand (Second Test).

4.40: Sports results.

5.0: Children, by Aunt Pat and Uncle Charlie

## Dinner Music.

6.0: Sydney Baynes and His Orchestra, "Old England" Selection (arr. Baynes). Marek Weber and His Orchestra, "Along the Banks of the Volga" (Borchert). B.B.C. Wireless Symphony Orchestra, "Iolanthe" Selection (Sullivan).

6.18: London Palladium Orchestra, "The Rose"—Selection of English Melodies. International Novelty Quartet, "Dwarf's Patrol" (Rothke). Classic Symphony Orchestra, "Carmen" Selection (Bizet).

6.38: Salon Orchestra, "Reminiscences of Vienna" (Strauss). Sydney Baynes and His Orchestra, "Kentucky Home" Selection (arr. Baynes). The Salon Orchestra, "Where the Rainbow Ends" Selection (Quilter).

7.0: News and reports.

7.45: Talk, under the auspices of The Town Planning Institute of New Zealand (Christchurch Branch), Edwin F. Scott, "Economic Aspect."

## Concert Programme.

8.0: Relay of programme from 4YA, Dunedin.

10.0: Sports summary.

10.10: Dance music.

**4YA** DUNEDIN 650 kc  
Saturday 13

1.30: Relay. Rugby Football from Carisbrook Ground.

4.30: Sports results.

5.0: Children, by Aunt Anita.

#### Dinner Music.

6.0: Grand Symphony Orchestra, "The Great Eysler" Pot-pourri (arr. Hruby). New Concert Orchestra, "Hydropaten" Waltz (Gung'l). Organ, Stanley MacDonald, "Nicolette" (Batten, Campbell and Connelly). Court Symphony Orchestra, "The Gondoliers" Selection (Sullivan).

6.22: Band of H.M. Grenadier Guards, "La Benediction des Poignards" (Meyerbeer). J. H. Squire Celeste Octet, "Mignon—Introduction et Romance" (Thomas). Orchestre Symphonique de Paris, "L'Arlesienne" (Bizet)—"Incidental Music—Prelude—Overture Act 1". Organ, Terence Casey, "The Irish Organist" Medley (arr. Cooley).

6.43: New Concert Orchestra, "Jolly Fellows" Waltz (Vollstedt). Band of H.M. Grenadier Guards, "Lo! Here the Gentle Lark" (Bishop, arr. Godfrey). Organ, Stanley MacDonald, "Was It a Dream?" (Coslow). J. H. Squire Celeste Octet, "Mignon—Polonaise" (Thomas).

7.0: News and reports.

#### Concert Programme.

8.0: Recording, New Light Symphony Orchestra, "Princess Ida" Selection (Sullivan).

8.9: Solo and Choruses, The Gaiety Troupe (Conductor, Edward Mee), "The Hunting Song"; "Come, Let's Be Off" (both by Herve).

8.13: The de Rose Instrumental Octet. "Good News" (de Sylva).

8.20: Duet, J. Devereux and Miss M. Clark, "The Flower Song" (Clutsum). Chorus, The Gaiety Troupe, "Tennis" (Fall).

8.26: Humour, E. M. Holland, "James and the Women's Freedom League."

8.34: Xylophone, E. J. Andrews, "Red Pepper Rag" (Lodge); "Underneath the Mellow Moon" (Hall).

8.40: Plantation Songs, The Gaiety Troupe, "Down by the River"; "De Ole Banjo" (both by Scott-Gatty).

8.47: The Octet, "The Red Mill" Selection (Herbert).

8.54: Duet, Mr. and Mrs. Edward Mee, "Coney Island" (Kerker).

Chorus, The Gaiety Troupe, "Father of the Queen of Comic Opera" (Kerker).

9.0: Weather report and notices.

9.2: Reserved.

9.17: Recording, Black Diamond Band, "Out of the Blue" (Hutchison).

9.20: Chorus, The Gaiety Troupe, "Moon Fairies" (Caryll).

9.23: Selection, The Octet, "My Son John" (Strauss).

9.33: Humour, Miss E. M. Holland, "Further Selections from Margaret Pow" (Slater).

9.39: Solo and Chorus, "The Gaiety Troupe, "Oh, Gifted Master, Sleep"; "Everything's Right in the Blue Room" (both by Caryll).

9.47: Xylophone, E. J. Andrews, "Dance of the Sparrows" (Richmond); "Carry Me Back to Old Virginny" (Bland).

9.52: Plantation Songs, The Gaiety

Troupe, "Far, Far Away"; "Good-night" (both by Scott-Gatty).

9.57: Selection, The Octet, "La Paloma" (Yradier).

10.0: Sports summary.

10.10: Dance music.

**2YB** NEW PLYMOUTH 1230 kc  
Saturday 13

7.30 to 8.0: News and information, sports results and lecture session.

8.0 to 10.0: Studio concert.

10.0: Sports summary.

## PRIVATE STATION PROGRAMMES

### 2ZW Notes

**LISTENERS** to 2ZW this week will notice two new announcing voices. The new lady announcer is Miss Joan Laird, succeeding Mrs. D. Basham, who is travelling to the Auckland district shortly. Miss Laird is a soprano well known in Auckland and Wellington, and she has also had the honour of performing for the B.B.C., London. It is Miss Laird's intention to make the Women's session as bright and popular as possible.

**THE** new evening announcer is Mr. O. M. Henriel, who is also programme organiser. Mr. Henriel succeeds Mr. F. W. Barker, who has been acting-announcer since the resignation of Mr. L. E. Strachan, and whose cheery personality has become very popular with his many listeners. Mr. Henriel has had considerable experience in the choral and orchestral world in England, where he has performed, amongst others, with the London Bach Choir. 2ZW listeners can therefore continue to look forward to enjoyable programmes in the future.

**IT** is with very many regrets that station 2ZW has to announce that there will be no further Ultimate News Bulletins broadcast at 9 p.m. in the future. This will doubtless cause disappointment to very many of the listeners who tune in nightly to this service. The cancellation of this service is due to the fact that the new radio regulations recently gazetted prohibit the regular publication or broadcasting of overseas news picked up by radio.

### 2ZW Programmes

**Tuesday, August 2.—10:** Devotional service. 10.15 to 11.45: Session for womenfolk, including talk on "First Aid by St. John Ambulance." 11.45 to 12: Pianoforte recordings. 12 to 2: Lunch session. 7 p.m.: After-dinner music. 7.30: Talk by Mrs. Adamson. 8 o'clock: Special programme by Oil Co. 9.0: Overseas news service. 9.10 to 11: Special dance programme by the Studio Dance Band.

**Wednesday.—10:** Devotional service. 10.15 to 11.45: Session for womenfolk. 11.45 to 12: Pianoforte recordings. 12 to 2: Lunch session. 5 o'clock: Children's session, conducted by Uncle Toby and Auntie Joan. 7: After-dinner music. 7.30: Talk by Lavelle. 8 to 8.30: Bright half-hour by the Merry-makers. 8.30 to 10: All British programme. 9: Overseas news service. 10 to 11: Dance programme, including relay of Mr. Frank Crowther's Orchestra from the Majestic Lounge.

**Thursday.—10:** Devotional service. 10.15 to 11.45: Session for womenfolk. 11.45 to 12: Pianoforte recordings. 12 to 2: Lunch session. 3 to 4 p.m.: Musical programme, including a relay from the K. and S. rooms at 3.30. 5 to 6: Children's session, conducted by Ladybird and Uncle Kirk. 7: After-dinner music. 7.30: Talk by Rev. Fielden Taylor on behalf of the City Mission. 8 to 10: High-class musical programme. 9: Overseas news service. 10 to 11: Dance programme.

**Friday.—**Silent all day.

**Saturday.—10:** Devotional service. 10.15 to 11.45: Session for womenfolk. 11.45 to 12: Pianoforte recordings. 12 to 2: Lunch session. 7: After-dinner music. 8 to 10: Popular programme. 9: Overseas news service. 10 to midnight: Dance programme, including Mr. Frank Crowther's Orchestra.

**Sunday.—11 a.m.:** Devotional service by the Padre. 6.30 to 7 p.m.: Eventide session of music. 7 p.m.: Relay of Evensong from St. Paul's Pro-Cathedral, Mulgrave Street. 8.15 to 10: High-class programme. 9 p.m.: Overseas news service.

**Monday.—10:** Devotional service. 10.15 to 11.45: Session for womenfolk. 11.45 to 12: Pianoforte recordings. 12 to 2: Lunch session. 7: After-dinner music. 8 to 10: Popular programme. 9: Overseas news service. 10 to 11: Dance programme.

### 1ZR Programmes

**Friday, August 5.—10.30 a.m.:** Devotional service, Uncle Scrim. 11.15-2 p.m.: Mr. W. Anderton. 5: Dinner music. 6: Children's session, Uncle Cam and Fairy Princess. 7: Mr. Bill Hindman, "Sport." 7.30: Relay of Community Singing from Lewis Eady Hall; song leader, Vernon Drew. 9: Miss Alice Lavv. 10: Close down.

**Saturday.—10.30 a.m.:** Devotional service, Rev. C. Strand. 10.45-1.30 p.m.: Music. 5: Dinner music. 6: Children's session, Polly Flinders and Jack the Giant-Killer. 7.15: Junior Chamber of Commerce. 8: Popular programme. 9: "Lee Fore Brace"—"In the Wake of the Convict Ships." 10-11: Dance session.

**Sunday.—9 a.m.:** Uncle Tom's children's service. 9.45: Uncle Scrim conducting Studio Church Service with 1ZR Broadcasting Choir, under Mr. J. Whitley McElwain. 6 p.m.: Music. 6.15: Miss Baker's Church of England children's service. 7: Relay of Mr. A. H. Dallimore's Mission Service from East Street Hall. 8.30: Studio Standard Classics. 9.0: "The Man Who Speaks." 9.30: Close down.

**Monday.—10.30 a.m.:** Devotional service, Mr. Garner. 11.15-2 p.m.: Miss Jean Stevenson. 5: Dinner music. 6: Children's session, Uncle Bern. 7-7.30: Music.

**Tuesday, 10.30 a.m.:** Devotional service, Uncle Scrim. 11.15-2 p.m.: Madama Milne, "Diet and Health." 5: Dinner music. 6: Children's session, Aunts Ruth and Nina and Uncle Scrim. 7.15: Speaker. 8-10: Popular programme.

**Wednesday.—10.30 a.m.:** Devotional service, Uncle Scrim. 11.15-2 p.m.: "Maoriland"—"Tibbits." 5: Dinner music. 6: Children's session, Miss Muffett. 7.15-8: Rev. Jasper Calder, "Crime and Criminals."

**Thursday.—10.30 a.m.:** Devotional service, Uncle Scrim. 11.15-2 p.m.: Mr. Norman Kerr, "Physical Culture." 5: Dinner music. 6: Children's session, Wendy. 7.15: Mr. F. R. Field, "The Earth's History." 8: Oil Co.'s programme. 10-11: Dance session.

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# The August "Radio Times" Reviewed

## Many Bright Features

THIS month's "Radio Times," as usual, contains a wealth of varied information for all types of radio enthusiasts. The general reader will find an article on the new British Broadcasting House of considerable interest. This edifice, which has recently been completed, is the most remarkable broadcasting house in the world and has been erected to supply the British listeners with music at a cost of some half a million pounds.

In view of the fact that the New Zealand Radio Coverage Commission has recently prepared a report on New Zealand conditions, the report on Australian conditions prepared by Captain Eckersley will provide some interesting reading. For many reasons the captain's recommendations are quite different from the Coverage Commission's. The article is complete with a map and a chart showing the variations in ground-wave reception with wavelengths. This chart alone explains many of the points raised in the reports of Captain Eckersley and of the New Zealand Radio Commission.

The constructor is catered for with an exceptionally fine three-valve a.c. all-wave set—the "Dx Four." Designed to provide the novice constructor with a set which will cover all waves with maximum sensitivity, the "Dx Four" should make a wide appeal among constructors.

The regular technical articles include Part III of the Radio Units—Kirchoff's Laws—which explains how the resistances of divided circuits are computed. It is complete with several worked-out examples. The A.B.C. of the A.C. Set is continued in Part IV, where a typical superheterodyne is critically examined. The more intricate parts are resolved into simple fundamentals, and the function of each division explained. There is also a useful de-

finition of the problems of superheterodyne ganging.

The country listener will find the description of the Daniell's Cell of value. This primary battery, which can be used either connected directly with the set or as a battery charger, has been made by hundreds of satisfied listeners, and when the "Radio Record" published a description some two years ago it soon became impossible to obtain copies of the issue. Until now it has not been redescribed.

Readers will also be interested in a new "A" battery, recently introduced by Siemen's Ltd. This battery, which is smaller than usual, incorporates a new method of retaining the moisture in the depolariser which is so essential to the long life and efficient working of the cell. The ingenious way in which this is accomplished is fully described and illustrated.

The dealers' section has the new popular Service Page, one paragraph of which explains a point which has often been raised by correspondents—how to connect the pick-up to an a.c. set.

The dx section has again been enlarged. Beside the District Notes there is an important announcement concerning the winner of the DX competition and one concerning the club president. All dxers should get this month's "Times" for these two very important announcements. The "Radio Times" is conducting a vote for the president of the club, and instructions for the voting, with the ballot paper, are included in this month's issue. A list of the members in the North Island district, together with reallocation of the numbers in the Southland district, are also included.

From every man's point of view, then, the "Radio Times" contains something of interest, and it is well worth the 9d charged for it.

## DX Topics

(Continued from page 11.)

19th. side into equal parts each representing 10 k.c. Taking a few well-known American stations as guiding points, I drew my curve. It serves as an excellent guide as to where to search for unknown stations, and I think it well worth the trouble of making. "Springbok" could, I suggest, do the same, only working in metres instead of kilocycles. I had a late sitting on July 15 and logged VK3LU, Footscray, on 1260 k.c. (238 m.). Another heard was VK7UB, Hobart. I listened to him for over an hour, but I am not sure of his call sign. By the way he was announcing I took him to be a new station testing.—113A (Bay of Plenty).

Japanese Coming in Well.

LATEST loggings include 3YB, Melbourne, on 1146 k.c. (262 m.); 2KO, Newcastle, on 1415 k.c. (211.8 m.); and 2WL, Woollongong, on 1430 k.c. (210 m.). The Japanese stations have been coming in well lately, my total log

of these being 14. JOHK, JOAK and JOBK, and the main Australians are heard at R5 on a small indoor aerial slung across the ceiling. Curiously

## E.A.Q.'s Special Broadcast

Particulars of EAQ supplied by "Bob" are incorrect. Wavelength is 30.40 metres, and power is 20 kilowatts. Their special broadcast is by arrangement with a member of the N.Z.S.W.C. The "something" they have for sale mentioned by Mr. Taylor is the EAQ Shortwave Review, written in Spanish, on sale for 15 ptas. Information supplied direct from the station.

A. B. McDONAGH,  
Sec., N.Z.S.W.C.

enough the only American heard during the last two months was KFI. I am using a nine-valve superhet.—"Radio" (Wellington).

## Questions and Answers

(Continued from page 10.)

Keep it always on the verge of oscillation, and as soon as you hear the slightest trace of a whistle, bring the reaction back and stop it, and gradually work up again to the oscillation point. You are committing an offence by allowing your set to be heard by your neighbour.

B. S. D'A. (Wanganui): Can I build the 1932 "Advance" as a long-wave machine only, using .0005 condensers and push-pull pentodes?

A.: Yes, it would be a good circuit.

2. What voltages would the secondaries of the power transformer need to be to deliver 270 volts through a 280 rectifier?—A.: 325.

3. As far as we can see the specifications for type "G" are correct.

J. M.S.N. (Hornby): I have a seven-valve superhet. Can I use headphones?

A.: Full details were given in the "Radio Record" August 7, 1931.

S. G. (Auckland): I cannot get results from the "Sparrow Hawk" one.

A.: You are just a little unfortunate. A few copies got out with the theoretical diagram shown incorrectly. We are amending yours and returning it.

A. O. (Eketahuna): What alterations should be made so that I can use my commercial coils for the short-wave screen-grid three designed for the 1930 Handbook?

A.: As we neither have particulars of the coils, nor did we design the circuit, we are not in a position to tell you the alterations that you could make.

2. I have a two-valve receiver, which works well, although it oscillates loudly on the 80-metre band.

A.: There are too many turns on the tickler of this coil. Take them off one at a time until oscillation is smooth. Smooth oscillation can be had by taking the grid return to a potentiometer shunted across the A battery.

E. J.A. (Orini): Can a pick-up be attached to an eight-valve superhet?

A.: Yes, but it is not easy for an amateur to do, for it is a simple matter to throw the intermediate coils out of line.

2. Is it possible to use a battery short-wave set and use the pick-up circuit as the amplifier?—Yes.

3. Is electric interference picked up from a gram-electric motor installed three feet from the set?

A.: If the motor is of the inductance type, no. If of the spark type, yes. Most of them are of the former type.

## FOR SALE or EXCHANGE

The rate for small advertisements under this heading is 1/6 cash for 20 words, and twopenny for every other word thereafter.

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# Round the World on SHORTWAVE

Conducted by F. W SELLENS

## Short-wave News

### VOR2, Vienna.

A CONFIRMATION of reception card was received from VOR2, Vienna, during the week. The card, which is a "folder," has some very fine pen sketches of Austria around the margin, forming a frame for the particulars. "VOR2 uses a crystal controlled experimental transmitter with a power of 120 watts in the aerial." Apparently they have no regular schedule, as a panel set out with the days of the week and headed "Transmission hours" is scored out.

### VK2ME, Sydney.

A MALGAMATED Wireless (A/asia) Ltd. report that "We use directional antenna for nearly all our work to New Zealand," when replying to a report on reception of VK2ME.

### Log for Week Ended July 30

12RO, Rome, 80 metres: Wednesday and Saturday mornings, not more than R3-4 after 7 a.m.

RV59, Moscow, 50 metres: Audible till about 9 a.m., but very weak, about R3 then. Friday was a good day, the bells striking midnight from the Kremlin Tower at 8.30 a.m., our time, followed by "l'Internationale," was received at R8.

W8XAL, Cincinnati, 49.5 metres: Tuesday and Wednesday, R8-9 at 5 p.m., but a very noisy background.

W8XK, Pittsburgh, 48.86 metres: Saturday, till 4.2 p.m., at R8-9, quite good except for slight gushiness.

W3XL, Boundbrook, 46.69 metres: Sunday till 4.30 p.m. at good volume, with dance music from the Edgewater Beach Hotel.

Japan (?), 32.4 metres (about): Saturday evening, music and talk at R9. Apparently a Japanese, but did not get any call.

PRVA, Brazil, 31.58 metres: Tuesday and Saturday at midday, closing at about 12.30 p.m. Only talk, in what I took to be Spanish, was heard at R8.

VK3ME, Melbourne, 31.55 metres: Wednesday fading was more severe than usual. On Saturday from 9.30 p.m. till 11.30 p.m. they were excellent at full volume.

OXY, Denmark, 31.51 metres: Audible each morning, but always very weak.

W2XAF, Schenectady, 31.48 metres: Quite good every afternoon till 3.30 p.m., reaching about R8 by 3 p.m.

Zeesen, Germany, 31.38 metres: This station has gone off a lot, unless it is good before 7 a.m. Wednesday morning was quite good, being R8 from 8 a.m. till 8.30 a.m.

W1XAZ, Springfield, 31.35 metres: Each day from about R2 at 2 p.m. to R8-9 by 3.30 p.m.

VK2ME, Sydney, 31.28 metres: Sunday, R9 with one audio at the commencement of the first session, and very steady, but by 5.30 p.m. volume had decreased, and reception was subject to some very severe fades. The next session was quite good at medium volume.

CTIAA, Lisbon, 31.25 metres: Friday and Saturday, opening just before 8.30 a.m., with a march, followed by several cuckoo calls, then some talk, including the call, both in Portuguese and English. On Friday the volume at 8.30 a.m. was R6, going off to R4 by 8.45 a.m., and very weak later. On Saturday, they were only R4 at start, and soon went off.

Japan, 31 metres, (about): On Thursday and Saturday evening a Japanese was heard on about 31 metres. At 11.20 p.m. on Thursday they were broadcasting the same items as JIAA, breaking in several times during the musical item to call "Hullo JIAA," and Japanese talk, but always going back to music again. Reception excellent at R9.

JIAA, Japan, 30.5 metres (about): Coming in well every evening from about 9 p.m. at excellent volume. A lot of our style of music was heard, as well as the typical Japanese class.

BAQ, Madrid, 30.4 metres: From 11 a.m. till 12.30 each day, but not quite so good now as a few days ago. On Saturday I just got the conclusion of some reports being acknowledged in English at 12.15 p.m. They were very clear at R7-8.

DIQ, Germany, 29.15 metres: A very interesting programme for America was enjoyed on Monday from 8.30 a.m. till 9 a.m., when a choir of 160 voices was heard. This was in connection with the eleventh festival of — I could not catch the name of the festival, but the singing was well received at R9.

Radio Colonial, Paris, 25.6 metres: Very good most mornings till 10.30 a.m. A talk for America, sponsored by the International Radio Forum was heard for fifteen minutes, concluding at 8.15 a.m. on Monday.

G5SW, Chelmsford, 25.53 metres: Our Empire station has been really good on several mornings of this week. Wednesday, R7 at 8.30 a.m., very clear and steady to R5 at 9.30 a.m., after which they were weaker and gushy. Thursday, between 8 a.m. and 8.30 a.m. they were excellent at R8-9, slowly going off after this. Friday, again was good. A service was relayed from St. Michael's Church, Chester Square, for 15 minutes from 9 a.m. Every word of the address and prayers as well as the hymns were clearly heard at R8, not so loud as sometimes, but very steady. This was followed by dance music from the studio by the B.B.C. dance orchestra, conducted by Henry Hall.

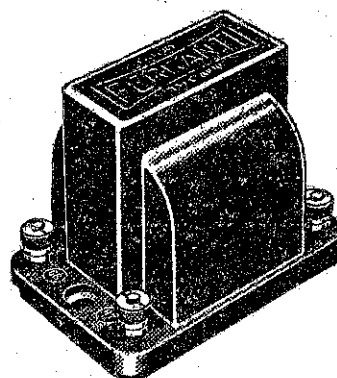
12RO, Rome, 25.25 metres: Quite good each morning, except Wednesday and Saturday, till after 9 a.m., at about R8.

W8XK, Pittsburgh, 25.25 metres: Often heard till 1.30 p.m., when they close, on this wavelength, and change to 48.93 metres. They usually reach R7-8 by 1.30 p.m.

KKW, California, 21.77 metres: Very irregular, but most afternoons. On Saturday they were R4 at 2 p.m., slowly increasing to R9 by 4 p.m. During the greater part of this period a relay of a local broadcast station was heard, but at intervals, JIAA was called. At 4.8 p.m. they closed, stating that the time was 8.38 p.m. Pacific standard time, and that they had been broadcasting for observation by JIAA, Japan, and that "we will see you to-morrow."

W2XAD, Schenectady, 19.56 metres: Friday, R6, at 8.15 a.m., fading right out at times. This station may have been at good volume, with severe fading at other times, so that one could pass over it, during fading, and miss it.

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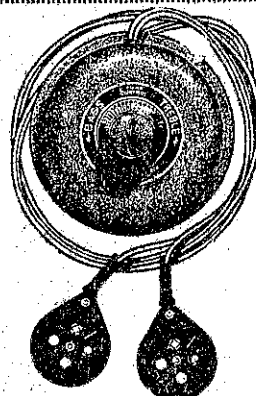
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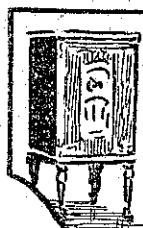
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# OF FEMININE INTEREST

By "Patricia"



A MOST interesting talk was that on Delhi by Captain R. H. Niel from 1YA. It was explained by the speaker that this was the one city in India which could justly claim to be an historic capital and Imperial city. The present city is the fifth or sixth that has risen on the site, but the glamour of its glories under the Moghul Emperors of Hindustan still hangs around its walls. Delhi has often been sacked and laid desolate, but her incomparable situation marks her for the metropolis of a great empire.

Surviving ruins convey a more impressive sense of magnitude than Imperial Rome; they are a memorial not of a single city but of supplanting nations. Eight centuries before the Latins settled in Campania, a band of Aryans founded the city, which had previously been an aboriginal savages' abode. Later the Moslem appeared, and Hindu civilisation disappeared in smoke and ruin.

It was owing to the historic and imperial associations of Delhi that it was chosen as the capital, but the new Delhi, although magnificent, pales into insignificance beside the storied gems of Moghul structure and art.

The great Jumma Musjid, built by the Shad Jehan, of red sandstone and white marble, with its three imposing gateways and grand flights of steps, cannot but impress the visitor. In memory I can still see myself taking off my shoes, and encasing my feet in white kid slippers, many sizes too big, and tied on by blue ribbon, given me so that I might enter with reverence the sacred precincts of the Moslem's noblest mosque.

For a riot of flaunted wealth the Fort of Delhi is unsurpassed. In the public audience halls of the Moghul Emperors the mosaic work can truly be described as wonderful. Although to-day the precious jewels which studded the marble are replaced by coloured glass, one's imagination is staggered by the beauty in design, the infinite detail, and in the aggregate the miles of inlay work. The

most striking price of artistry must have been the Peacock Throne of solid gold, with the fan-spread tails of the birds thickly studded with rubies, sapphires, and other jewels to represent the exact colouring of the peacocks. These, together with a life-size carving of a parrot cut from a single emerald, gives some idea of the magnificence of the Moghul Emperors.

Captain Niel described the Mote Musjid or Pearl Mosque of the Fort as inferior for purity and elegance only to its sister mosque at Agra. This without doubt is a beautiful gem. A mosque has no tawdry decorations, and no edifice has greater religious dignity than the Pearl Mosque at Agra.

In speaking of the characteristic sights in Delhi streets and bazaars, Captain Niel mentioned the extraordinary variety of colour that is a feature of street life. The living mosaic has at first a bewildering effect on the beholder, but later the kaleidoscopic scene resolves itself into separate units, each unit being an independent blend of orange and majenta, green and violet, or silver and scarlet. The native shops are a feast of colour, and what will probably impress the artistic visitor is the natural love of picturesque effect and the correct taste in colour possessed by the Hindus.

In this sombre-hued city of bleak winters, I often sigh for India's warmth of sun and colour, and the interesting study of its native inhabitants.

Captain Niel thoroughly knows his India, and his talks are illuminating. I listened to him when he spoke of the North-West Frontier Provinces, where I have spent many happy hours, but was unable to follow Captain Niel's talk as static was so dreadful that the loudspeaker ejected sounds worse than a tropical thunderstorm.

THE other evening, from 3YA, Mr. E.

E. Wiltshire (vice-president of the Linwood Library) gave a short talk on the "Books of the Month." One review especially interested me. This was "Pencarrow," and, according to Mr. Wiltshire, one of the finest stories of New Zealand life ever written. There is no plot—just a chronicle of three generations of Pencarrows—but so well told that it holds the attention of the reader from start to finish. This book, says Mr. Wiltshire, would make a suitable gift for friends overseas; for, as an advertisement of New Zealand, nothing could be better.

I UNDERSTAND that the City Mission's finances are at a rather low ebb. Mr. Peter Fraser, speaking from 2ZW the other evening, gave some illuminating facts concerning the amount of work this organisation is doing. Since the depression descended upon us, the work of the Mission has extended considerably and its resources have been overtaxed. It is hoped that the proceeds of the "Silver Lining

Fair," to be held in the Town Hall from September 13 to 17, will greatly augment the exchequer. In the meantime, clothes, boots and socks are urgently needed for men and boys, and any help in this direction will be gratefully received.

It is now that "tasks greater than we have before accomplished stretch our abilities, and they never again wholly contract to their original limits."

IN these pages I have from time to time commented on the talks given by the representative of the Health Department (2YA) and of the invaluable advice that is weekly put over the air. After listening to his talk on Thursday, July 27, I feel I must again put in a word to parents who may not have heard this talk.

Rheumatism, which is so prevalent in children from the ages of five to fifteen years, may first show itself in many ways. It is an insidious disease and at first is often vague and indefinite, commencing with light fever, languor, pallor or wasting. To minimise these effects a child should be carefully watched. Growing pains, jerky movements of face or limbs, defective teeth, discharging ears should be early taken in hand and receive medical examination. Children with a tendency to rheumatic pains should always wear woollen garments next to the skin, and should avoid undue exposure to cold and wet. In temperate climates where the weather is so changeable this disease is very common. In the tropics it is rare. Sunlight and fresh air are doubly necessary to a rheumatic child, and a simple nutritious diet, with plenty of milk, is advocated.

It is not necessary to hold too gloomy a view over the future of the child who suffers from rheumatism, as children respond wonderfully to treatment, especially in the early stages, as doctors and nurses well know.

Copies of pamphlets on the treatment of this ailment can be had free of charge on application to the Department of Health.

THE other day I received a letter from a friend in Birmingham who has for many years been keenly interested in children's education, and knowing that it was a subject in which I, too, am interested, she tells me that this city has been for some time tackling the problem of the care and education of children who are mentally deficient. There are now eight special schools provided for these children, where a curriculum is arranged suitable to their needs. It was found, however, that even in these special schools certain children did not seem to be benefiting. The Education Committee has therefore rented two big rooms at opposite ends of the city, and these are for a small group of children for whom the special schools have failed. These are called occupation centres, and I am told a better name could not be given them, as they are occupation centres in every sense of the word. The child-

## Hints for the Housewife

When washing chamois leather gloves follow this plan and you will find them as pliable as new. To a basin of warm suds add a few drops of ammonia. Let the gloves soak in this for a few minutes, and then squeeze the leather gently, and knead them against the bottom of the basin, instead of rubbing them. Rinse in two lots of water, of the same temperature as the washing water, adding to the last rinsing water a tablespoonful of olive oil. Then press the gloves between the folds of a hot towel to extract all the moisture possible, and hang up to dry. When nearly dry rub the gloves between the hands to keep them pliable.

Rice for milk puddings requires about six times its weight in milk. If this point is remembered there is less likelihood of puddings being too dry. Always wash rice in a sieve in plenty of cold water.

Bath towels that are wearing thin in the centre can be utilised to make hair shampoo towels. Fold the towel in half, end to end, and cut a slit up the centre of one half as far as the fold. Then cut a circle, about fifteen inches in diameter, out of the middle of the

towel at the top of the slip. Bind the edges with tape, thread a draw-string through the circular part, and wear over the shoulders when shampooing the hair.

Kid gloves of a light shade may be cleaned in an emergency with talcum powder. Sprinkle it over, leave on for a while, and then brush off with a soft brush.

Smoky ceilings can be cleaned by washing them with cloths wrung out of water in which a small piece of washing soda has been dissolved.

Gramophone records should be cleaned with a soft rag. Put the merest drop of kerosene on the rag and wipe evenly and carefully. Do not return the record to its case until perfectly dry, when it should be polished with a pad bought for the purpose.

Carpets should be given a weekly "dry-salting." Sprinkle the salt fairly thickly over the carpet and sweep vigorously with a stiff-haired brush until all the salt is removed. The salt not only lays and removes the dust, but it also revives the colours in the carpet.

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ren do not sit at desks, but are given freedom of movement. While one child may be doing embroidery, another will be learning to distinguish colour by sorting out bricks. As far as possible the children are made familiar with the simplest necessities of everyday life, such as learning how to dress themselves, clean their teeth, etc. In order to learn the value of money they go shopping, and their object and picture lessons deal with everyday affairs. Birmingham is usually among the first towns to take up any new reform in the matter of education, and certainly has done some excellent work in its different branches.

IT was most gratifying to hear through the medium of the children's educational session of the wonderful response that has been made to the wool woman's talk to the children from 2YA on New Zealand's wool industry, and to her appeal to the boys and girls to knit squares of wool, which have been named "Peggy Squares." Most of these squares have been made up into warm rugs, and are to be given to the Mayor's fund. Some of them I saw displayed in the window of one of the big stores in town, and I am sure those who receive these gifts will appreciate the work that has been done by the children and be grateful to the organiser of this community of workers for the distressed.

SEVERAL European broadcasting stations transmit physical training instructions, but to Langenberg belongs the distinction of having started a daily gymnastic course for "ladies only." The innovation began as an experiment, but the widespread demand for more has led to the permanent inclusion of women's physical training talks each morning.

WHEN I heard the recording of a dance number with a woman vocalist the other evening it recalled Dr. Johnson's remarks concerning women preachers. "Preaching by women," said the great commentator, "is rather like a dog standing on its hind legs. It is not done well, and one wonders why it is done at all."

WHAT a thrill those who listened to a programme broadcast one evening in May must have had when the oldest piece of music ever transmitted by wireless was put on the air by the B.B.C. This was a Hymn to Apollo, composed nearly three centuries B.C. It was discovered by a French archaeologist at Delphi in 1893. The musical symbols are inscribed on a slab of marble, which I believe is cherished in the British Museum. The Hymn was used by the B.B.C. for the Chorus of Priests in "Caractacus," by Peter Creswell.

THE well-known musician, Sir Hamilton Harty, abhors broadcasting, so has presented his wireless set to his cook. If his meals are spoilt, the cook can now blame radio.

ACCORDING to advance millinery news, there is every likelihood of the large sailor hat returning to favour. There is a fancy already for the new small sailor worn straight on the head, narrow of brim and shallow of crown. The smart woman no longer tips her hat over her right ear—she sets it squarely on her head, following the line of her eyebrows.

THE knitted sweater is an important item of one's wardrobe, and the new woven knitted fabrics have completely ousted silks and satins for even the most formal day-time wear. Coarse knit sweaters in two colours are the fancy of the moment.

I READ in a Home paper the other day that women are joining the hatless brigade, which became so popular among men some time ago. It is said this vogue originated among hikers. When they donned their hiking kit they doffed their hats, and enjoyed the comfort of going bareheaded. This craze will not last long, for women will never be able to resist the lure of a new hat.

BRIDES-TO-BE may be interested in the latest fashion—that of the evening ensemble turned into a wedding gown by means of the addition of

a train. It is a new idea for the bride to wear a coat over her wedding gown, and an important step forward in the economy vogue for designing wedding clothes for after-use.

DESPITE the puritan abhorrence that the English have for anything approaching the Continental Sunday, a recent broadcast of "Hamlet" on that day was received with much appreciation.

THERE are now instituted in America academies for the training of radio singers. One of the most famous is that conducted by Estelle Liebling, where every element of microphone technique—diction, line, intonation, steadiness and interpretation—are taught. The art of singing for

broadcasting is an intricate one. Many of the most successful artists of the B.B.C. have only acquired their present technique after long periods of rehearsal and consultation with the powers that be.

HERE is a new publication from Ward, Lock and Co. "Her Month of Freedom," by Paul Trent.

This author always handles his subjects well, and the story has plenty of adventure and love interest. A marriage has been arranged between the Lady Nalda, daughter of the Earl of Mundy, and a multi-millionaire, but before Lady Nalda consents to this alliance she insists on having one month of complete freedom. This is granted by her father, and she sets out for Paris with her companion, intending to lead the life of an ordinary girl in comfortable circumstances. She takes another name, and in her innocence lands herself in a compromising situation. All her escapades are well thought out, and before her month is up many extraordinary happenings take place.

Readers of this class of literature will enjoy the book.

WOMAN: Theme and Variations. By A. Corbett-Smith (Douglas).

In spite of continual analysis and advice, the modern woman continues to take life as it comes, leaving other people to decide whether she is modern or old-fashioned. Almost anything can be said about her, and almost everything has now been said.

Mr. Corbett-Smith is quite sure that he understands woman. There is no mystery above her. She has no intuition, no sense of humour—happily for man—and no tenderness. She is an uncivilised being, an eternal Primitive. The secret of her power is technique. "Always she is mistress of herself." She will give royally of herself, but never wholeheartedly. Mr. Corbett-Smith's enviable perspicacity does not make him dislike women. This is a book in favour of them. He says of the modern English girl:

"To any but the most jaundiced eye of male or spinster mediaevalism she has appeared as the most gracious visitation that this hoary and wicked old earth has ever known."

A NEW book, "The True Woman," which is published by Gerald Howe, is by the well-known playwright, Mr. O. K. Munro, who is the author of several other successful works. This book is witty, acute, and provoking. Women, of course, are very interesting, but more in the concrete than the abstract. Many of his illustrations are doubtless true to life, and they are usually amusing, whether or not they prove the generalisations. It seems that the essential feminine characteristics are: A tendency to use insight rather than intelligence; and a tendency to be purposive and not contemplative. Mr. Munro says that women are different beings from men, and must not be judged by male standards. They are not even to be regarded as equal; they are simply different. Mr. Munro says: "Man always thinks he is right. Woman doesn't mind whether she is right or not, provided she gets her own way." There is undoubtedly excellent psychological perception in the book generally. The trouble is that so many men have exactly the same characteristics Mr. Munro seems to reserve exclusively for women.

## Prize Poem Competition

(Conducted by "John O' Dreams.")

THE prize of half a guinea in the current competition is awarded to A.J.R. (New Plymouth) for "The Blind Potter," which in sensitive charm and graceful, skilful simplicity of diction will find many admirers. Our congratulations to the prize-winner, who is a valued and talented contributor to our fortnightly competition. Selected for commendation are two poems, modern in treatment, by A.L.B., who in one has been inspired by the work of the most other-worldly of English writers of to-day, this poem being reserved for further consideration.

Extracts from letters—O.E.H.: "I thought the sonnet on 'Milton' very fine, and entirely lacking in amateurishness."—We agree that this poem is beautiful and scholarly work. "Merrie" writes: "May I state how much I appreciate the winning poems in each issue? There have been some lovely lines, holding great appeal." Another says: "The Blackbird in New Zealand' is an exquisite thing, to be cherished in my collection."

"The Heights": In this tribute to Ruahine's aloof loveliness are apparent a feeling for poesy and skilful manipulation of selected verse form.

"Karakia" sends picturesque fragment with a spark of this contributor's characteristic originality of thought and expression.

"To the Evening Star": Held in the meantime. These beautiful lines are an exemplification of Hazlitt's dictum that poetical impression is an exquisite sense of beauty that strives to link up with some other image of beauty or grandeur.

"W.D.H." expounds excellent precept, which as didactic counsel for the conduct of dull daily round is excellent, but as poetry leaves much to be desired.

O.M.S.L.: Your brace of poems discloses flair for imaginative description. But that is not enough for the making of poetry, and further study of rhythmical flow of word and phrase possibly might result in improved grace and lucidity of expression.

"Merrie's" two poems, both attractive, are entirely different. One is a loving description of high hills that "link the earth to sky"; the other is dedicated to a genius of the Victorian era. Refreshing to find a member of post-ward intelligentsia paying tribute to the creator of young Copperfield, Sydney Carton, Little Nell, Bill Sikes, and the rest of that great gallery.

"Florentine": Tighten the rhymes, suppress the ego, and avoid prolixity.

### The Blind Potter

Novel works of art he wrought,  
Weaving into each a thought  
That the gods have vainly sought:

Each to him was glad delight,  
For denied was he the sight  
Of bright sun and stars by night.

Fingers delicate and deft  
Moulded loveliness bereft  
Of minutest crack or cleft:

Then (O, cheer for aching heart!)  
Wondrous forms—of him a part—  
Perfect as Palissy's art.

Spellbound I, with wond'ring eyes!  
Mute that thus a soul may rise  
O'er this life's infirmities.

—A.J.R. (New Plymouth)

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