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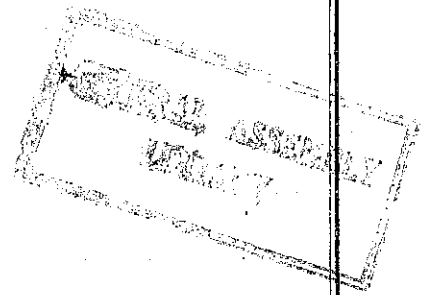
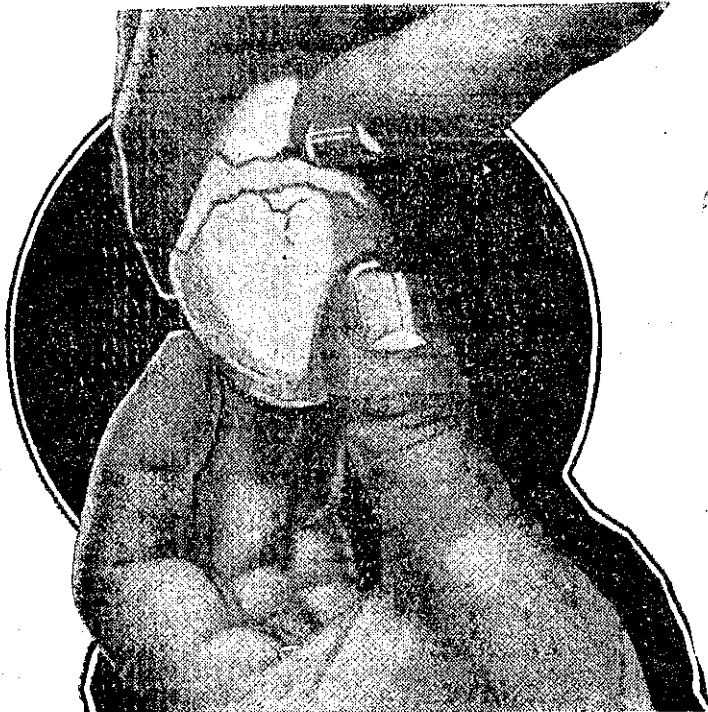
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HARD BOILED FACTS

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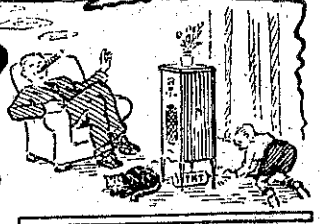
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Revised Programme

1YA, Saturday, July 1

Owing to the fact that the Wrestling Association is staging a big wrestling contest in the Auckland Town Hall on Saturday, July 1, 1YA's programme for this evening has been amended to enable the station to relay a running commentary on this popular sporting feature.

The revised programme (from 8 p.m.) is as follows:—

8.0: Chimes. London Theatre Orchestra, "The Merry Widow" (Lehar).

8.9: Baritone, Mr. Gerard Peters, (a) "Five Eyes" (Gibbs); (b) "The Song of the Kettle" (Anthony).

8.16: Recording, Jeanne de Casals, "Mrs. Feather on the Telephone."

8.22: Novelty Instrumental, Britannica Piano-Accordion Band, "I May Never Pass Your Way Again" (Kahal).

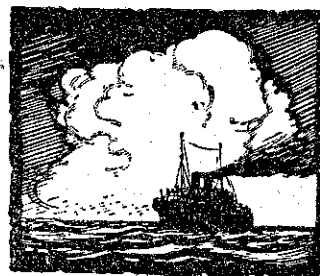
8.28: Soprano, Miss Amy Eaton, "Sweet Suffolk Owl" (Poston).

8.31: Recording (Piano), Fuente and Partner, "Can't We Talk It Over" (Young); "Silhouette" (Bloom).

8.37: Baritone, Mr. Gerard Peters, (a) "She is Far From the Land" (Lambert); (b) "Passing By" (Purcell).

8.44: Recording, London Symphony Orchestra, "Fantasia on Sea Chanties" (arr. Gibilaro).

9.52: Soprano, Miss Amy Eaton, (a)



DRAMATIC NAUTICAL EPISODE

"The Signal"

Produced by
Major F. H. Lampen
and

Played by the
Radio Players

from 4YA
on Thursday, July 6

"The Winds in the South" (Scott); (b)
"The Bird and the Babe" (Lieurance).
9.0: Weather forecast and notices.
9.2: Relay of Wrestling Match from
Auckland Town Hall.
10.0 (approx.): Sports resume.
10.10: Dance music.
11.10: Close down.

Temporary "Black Out" at 2ZR, Nelson

SHORTLY after eight o'clock on Wednesday evening, the Nelson station, 2ZR, suddenly went off the air, reports our Nelson correspondent. Inquiries showed that the recently-installed condensers had burned out. The secretary of the 2ZR Club explained that, a fortnight ago, two condensers were "blown" on account of the power fluctuations. As the funds of the club are strictly limited, two condensers of a cheaper type were installed. That the move was poor economy was demonstrated on Wednesday, but two new condensers of a higher resistance have now been installed, and everything should go swimmingly from now on.

FROM the German May Day celebrations the N.B.C. of America took for rebroadcast five minutes of Hitler's speech and an eye-witness account of the proceedings. The B.B.C. took a short eye-witness account only.

TWO Diesel engines of 750 horsepower each provide Luxembourg's 200 kilowatt station with its necessary power to swamp its neighbouring broadcasting stations. The authorities claim the station has an "agreeable" radius of about 1250 miles, so that it can serve 380 millions of Europe's inhabitants. To please everybody the station is transmitting talks in five languages.

National Union RADIO VALVES

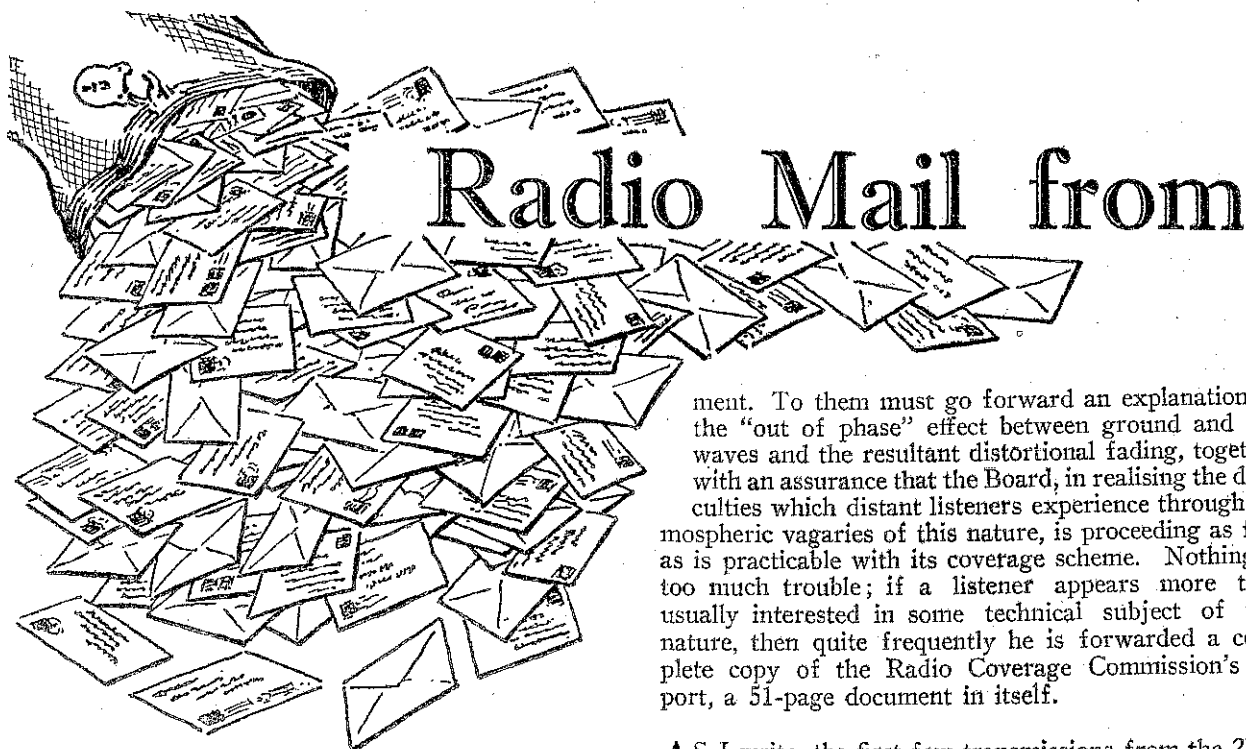
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MILES NELSON

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A DAY or two ago, the editor of the "Radio Record" casually suggested that I might write a brief article on some aspects of the inside routine of the Broadcasting Board's service, and, in particular, the handling of correspondence. Quite a simple request, really, from the editor's point of view, but the difficulty is to know where to start.

The Board's mail bag usually bulges, and hundreds of letters go through the Wellington head office every week. When anything extra special is broadcast—the Christopher Wren broadcast, the Spivakovsky-Kurtz Trio or the like—our correspondence grows and we are kept more than busy coping with it. Then, on American mail day are the forty or fifty DX hunters, most of them describing themselves as, "the world's greatest DX fan," who have all heard 2YA; many of them have heard 1YA, 3YA and 4YA to such advantage that sometimes their requests for verification contain items which were never broadcast from any one of these stations. These reports come within the purview of the various station directors concerned, who despatch verification cards to the senders of those reports whose data can be confirmed, and tactful letters to those who are certain they heard "When the Moon Comes over the Mountain" from 2YA at 10 a.m., when in reality a wool sale was being broadcast.

Strange as it may seem, the volume of mail varies considerably with the seasons. During the summer months all is well with reception conditions, generally speaking, in the Dominion, but with the approach of winter distortional fading becomes more marked, and brings with it its series of complaints from listeners in country districts, who feel sure that something has gone wrong with the transmitting equip-

ment. To them must go forward an explanation of the "out of phase" effect between ground and sky waves and the resultant distortional fading, together with an assurance that the Board, in realising the difficulties which distant listeners experience through atmospheric vagaries of this nature, is proceeding as far as is practicable with its coverage scheme. Nothing is too much trouble; if a listener appears more than usually interested in some technical subject of this nature, then quite frequently he is forwarded a complete copy of the Radio Coverage Commission's report, a 51-page document in itself.

AS I write, the first few transmissions from the 2YA auxiliary have been completed, and the morning mail brings comments from all parts of the North and South Islands, reporting on the signal strength and quality of the station. Just as surely, it brings complaints from others who find that the new transmitter is interfering with their reception from some other station, as often as not some favourite American transmitter from whom the DX hunter obtains a regular thrill between 7 and 8 p.m. Little do some of these listeners realise how well off they are in being able to receive American stations, forgetting, on the other hand, that there are many listeners whose locality will not permit of reception of such distant stations, and who, for this reason, welcome an opportunity of an alternative service from 2YA's news session.

Then there are the multitudinous complaints of interference: many and varied are the sources to which listeners attribute their troubles. I can recollect one complaint of this nature where the listener considered he was hardly done by in having all but sixteen of his American stations blotted out by interference from a nearby source! These complaints are duly forwarded to the proper authorities, and then starts a further chain of action which it is not within the province of this article to discuss.



MR. S. J. HEYDEN, Assistant General Manager of the New Zealand Broadcasting Board, and the writer of this article.

"There is a buzzing noise in my set. Do you think I need new valves?" queries another man. Follows a letter from a listener in Karori who has lost his dog and would like a broadcast announcement made. Others are asking for appeals, some for deserving objects, others more limited in their application. Misappropriated motor-cars, requests for announcements concerning missing persons—some authentic, some not—requests for particular items; letters asking "whether you were off the air last night, as I could get not a sound from my set," requests for announcements concerning jubilees of

All Over the World

THE writer of this article, Mr. S. J. Heyden, has climbed the ladder of radio fame pretty rapidly since he started with the Broadcasting Company in 1926, and he is to-day assistant-general manager of the New Zealand Broadcasting Board. Mr. Heyden is also a musician of some standing, and there is a tale told of how, with the assistance of 1YA's station director, he put over an entire programme from that station when the performers failed to turn up. Mr. Heyden has been at all the principal New Zealand stations in various capacities, being appointed secretary to the Broadcasting Company some three years ago.

all kinds; applications for employment, which during the year run into hundreds; station correspondence on a hundred-and-one topics—all these go to form the collection in the morning mail bag. The nine o'clock sorting is by far the biggest hurdle, but is always healthily augmented by the eleven-thirty and three o'clock quotas. Each particular class of correspondence, on being opened, circulates to the department concerned—after being commented upon by an already busy general manager, who somehow squeezes a brief hour from a crowded day for advice and instruction as to the best course of action in cases where this may be necessary.

The correspondence on routine matters between head office and the stations could form the subject of an article in itself, and its ramifications would probably amaze the average listener, who possibly imagines broadcasting as simply the studio with its transmitter and the engagement of a few artists nightly for the regular concert programmes. Each day brings a daily

return of announcer's logs from all stations, these containing in detail a complete record of all items broadcast during the day—titles, composers, publishers, artists and form of rendition, a record of all special announcements, appeals for charity, requests for information as to the whereabouts of missing persons, misappropriated motor vehicles, details of shipping movements, weather reports, news, market information, stock reports for the particular day—all of which must be checked, analysed and recorded for the purpose of the service analysis and the preparation of copy-right returns, and then filed. And then filed! This filing, in itself occupies the attention of a clerk for a considerable proportion of each day, whilst no fewer than seven typistes are constantly engaged at full pressure in preparing and typing acknowledgments to com-

munications from listeners and the Board's stations.

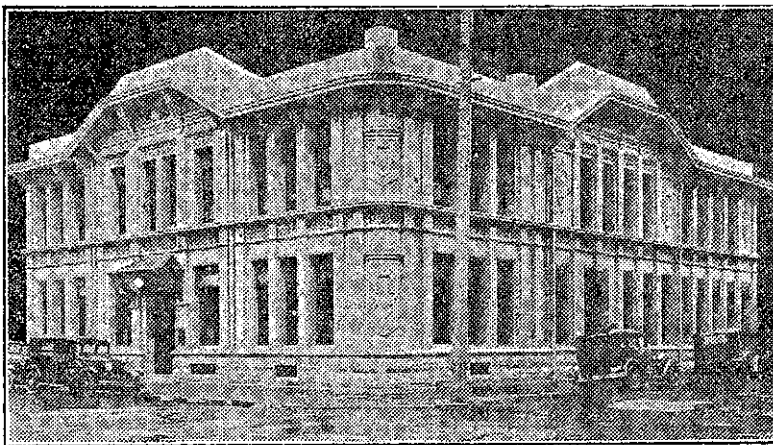
Overseas music and publishing houses and authors are in constant touch with the Board, which neglects no opportunity for obtaining any material which might prove suitable for programme building. Each overseas mail brings piles of manuscript submitted for perusal and purchase by authors in all parts of the world. Some of these plays and sketches are good, some mediocre, some not even that; but they must all be perused by the Board's readers, however, and the authors' communications acknowledged. Material accepted is then

stencilled and duplicated, bound into special covers, and placed in the Board's library. The library additions must then be incorporated in the relative catalogue, copies of which go forward to each of the Board's stations for circulation among artists.

My article appears to be growing lengthy, and, although only a tithe of this particular section of the administrative duties has been covered, I can but hope that to those sufficiently interested to read

thus far it will convey some idea of the quantity, quality and varied nature of the Broadcasting Board's daily post bag.

Perhaps one may be pardoned for attributing to the high standard of service afforded by the National broadcasting organisation the fact that the general average tone of listeners' comments is highly appreciative of some aspects of the Board's service. While it is quite true that there are many letters of criticism (although not by any means a large percentage), these in the main are constructive comment; and in many instances have been written in critical strain solely because the writer's angle has not embraced other factors, bearing on the subject of his complaint, which the Board must necessarily consider.



THE BUSINESS END OF THE STICK—The head offices of the New Zealand Broadcasting Board at the corner of Waring Taylor and Featherston Streets, Wellington. In this building, too, are the studios of 2YA, the items being transmitted by land-line to the station on the heights of Mount Victoria. A story is told of a young Wanganui motorist who, wishing to let his family know that he had arrived in Wellington, stopped his car outside the 2YA studio and blew the horn of his car. The noise cut in on a violin item, and the motorist's family, listening-in in Wanganui, knew that a safe trip had been made.

Editorial Notes.

Wellington, June 30, 1933.

WE are moved to comment this week upon human vagaries, the subtleties of human moods, the influence of indigestion upon the appreciation of art, and the little meannesses to which poor humanity is liable—so long as it is shrouded in the cloak of anonymity. A most interesting section of all newspapers is the correspondence corner, in which he with an idea and she with a whim (not that she also may not have an idea but one must round out a phrase) are permitted by long-established practice the opportunity of advancing thoughts and fancies for popular discussion. The very variety and diversity of the topics so discussed adds a lure to the section and makes it frequently the most regularly-sought corner of the paper.

BUT interesting as the items may be that are published they perhaps on occasions fall short in interest of those that are not published! To an editor's desk there come many effusions. For the genuine views sanely and conservatively expressed, there is always a welcome, whether those views are in assent or dissent of a paper's policy. But, alas, there is a class of correspondence from which no paper can expect immunity—the anonymous correspondent—normally with a bias or twist for an objective which makes the writer undesirous of revealing his or her identity. All newspapers of repute have the rule that correspondence must be signed as a guarantee of good faith. This offers no initial difficulty to a certain type. "Faked" signatures and addresses are easy—revealed only too clearly when test letters forwarded to the address given are returned through the "dead letter office"!

BROADCASTING, with its multiplicity of artists, announcers, programme organisers and so on, is so full of the personal aspect, and is so dependent upon the personal contact established between the listener and the service, that perhaps understandably there is opportunity for a greater expression of individual view than in any other phase of modern life. It is impossible that all people shall react similarly to the same item. Every day the diversity of taste, the variability of mood, is emphasised. For instance, an acquaintance recently damned by bell, book and candle the previous evening's broadcast—in particular a certain item. What was wrong with it?—was it too long, lacking in rhythm, character or what?

Everything was wrong—too long, no colour, no character. Within an hour, that same programme and the very item was the subject of considered

NEW LANDMARKS FOR CANTERBURY.

3YA's New Masts Will Be 200ft. Higher Than 2YA's.

WELLINGTONIANS are familiar with the soaring masts of 2YA rising from the 650ft. spur of Mount Victoria. Those masts are 150ft. high, but they will be completely dwarfed by the masts that are being erected for the new 3YA on the 800ft. ridge of Gebbie's Pass. These masts will soar up to 350ft. and, like 2YA's structures, will be built of steel lattice work. With that height and weight the foundations are of supreme importance, as proper anchorage to resist the piping sou'westers that roar up from the South Pole will certainly be required—while the nor'westers that career over the Canterbury Plains are also to be considered.

The contractors are now busily occupied with the foundation work for the main struts and anchors, and soon a new landmark will rear its impressive height.

praise—quite one of the best items for a long time—not too long, balanced, full of character. Again from an obviously educated body arrived a letter of protest against one YA station giving in one evening two Hawaiian melodies—her especial bete noir. The rival B station, she declared, was not guilty of such bad taste. As it happened an office listener had patronised that "B" station that very evening and was able to declare that had the lady listened throughout to her competitive nomination she would have heard not two but four Hawaiian melodies! Poor programme organisers! Surely there will be reserved for them in heaven a very special corner.

FOR it is to them that many very special "Blasts" come here below. Thus from the little collection of anonymous letters that have not appeared we cull this: "With regard to classical hours—they are not

merely dynamite—they are simply unbearable. I cannot imagine how they are able to find the trash which is broadcasted daily." But the anonymous writer generally gets down to personalities. Thus another: "If they pay — — — for the — — — he puts over they are wasting our money. It is about time they got rid of all these ministers of religion—moaning parsons and flapping old maids." And the announcers don't always please. Even the general favourites have their definite enemies who write periodically but regularly protesting and demanding their dismissal from the air! Sometimes the head of the axe sought to be ground is revealed. Occasionally when a new artist has appeared a little spate of letters of appreciation immediately flows. On occasions these are tested and found to be from bogus addresses. Publicity methods that don't come off! Similar tactics are occasionally adopted for the recall of other artists.

ENTHUSIASTS of various types swell the mailbag. Despite the little idiosyncrasies of some correspondents here indicated, the mailbag is an extremely valuable adjunct both to broadcasting and any newspaper. It is one to be encouraged. The great majority of letters are sound and sensible. Amongst much wheat there must be expected some little chaff. The one big lesson conveyed by perusal of mail matter is the infinite variety of human nature—in the mental world as in the physical; what is one man's meat is another man's poison; therefore, tolerance, brothers, tolerance. Remember this sign from the Wild West Saloon: "Don't shoot the pianiste; she's doing her best." Instead, write the editor, but dip your pen in kindness and not in gall.

KALUNBORG, Denmark's famous transmitter, is to be replaced by one of British manufacture.

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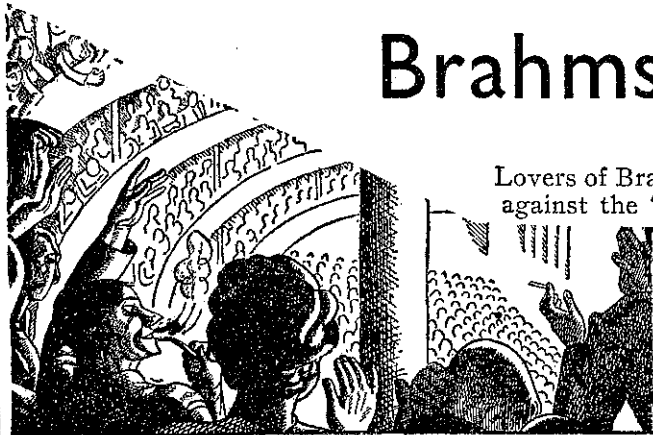
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Should We Have Honoured the Brahms Centenary?



Lovers of Brahms's music took up their cudgels last week against the "Pied Piper," who, writing in the "Radio Record," confessed that he could not conjure up any enthusiasm for "this heavy German music." The champions of the famous composer may find the following article, written by Francis Toye for the London "Morning Post," of considerable interest.

WE have not even yet finished the various Brahms Centenary celebrations. One hundred years ago Johannes Brahms was born. This fortunate event was celebrated in anticipation, and on the actual birthday, with remarkable enthusiasm by the English musical world. All the symphonies and the chamber music have been played, and there have been heaven knows how many performances of the "German" Requiem, which, though it contains several movements of great beauty, does not strike all of us as being one of Brahms's very best works.

The lover of music must be warned here and now against allowing a natural reaction against surfeit to prejudice him against the composer honoured. Brahms cannot be held responsible for the excesses of his centenary. He could not foresee our modern crazes. There is a great deal to be said for centenaries, but in recent years there has been an undoubted tendency to work them to death. Nor, I think, do we treat them intelligently. In the case of a popular composer of the first order like Brahms or Schubert, it should surely be the ideal for his more instructed admirers to try to select those of his lesser-known works which, for some reason or other, have not passed into the established repertory, and take advantage of the occasion to make them better known. Instead we are far too inclined merely to reiterate already familiar works.

Moreover, we are not nearly alert enough in celebrating the centenaries of composers who may be classed as belonging to the second order. Such men have nearly always written sufficient compositions of the first order to fill a concert programme, and a centenary would be an ideal occasion to call public attention to them, with a consequent enlargement of the repertory—perhaps the most desirable object possible at the present time.

On the whole, except in the matter of the Requiem, the Brahms Centenary has not been unintelligently observed. Brahms's music is so popular and so familiar in the British Empire at the present time that it would have been exceptionally difficult to discover any considerable

number of compositions which have not already attracted the attention they deserve. There is no necessity, and I doubt in any case if this is the proper place, to attempt any appraisal of Brahms's position in the hierarchy of music. As regards England I have myself witnessed a noticeable change in the approach to him. When I was a student Brahms was essentially the idol of a certain section of musical highbrows known to the irreverent as "The Brahmins." He has not lost that position, but in recent years he has become a popular composer as well. True, his pre-eminence has not been accepted without question. Mr. Newman has assailed his constructive ability; Mr. Cecil Gray has challenged his qualities as a symphonist; Mr. Calvocoressi has repeatedly insisted on the sterilising effect of his influence in music. I do not think, however, that these gentlemen, despite their unquestioned authority, have secured many followers. Brahms to-day shares with Beethoven and Bach the distinction of commanding both popular and intellectual allegiance.

In the circumstances, it may interest even those of my readers who are devoted to Brahms to read an opinion typical of a country in which he is not appreciated as he is here. The French have never admired unreservedly Brahms's music, preferring that of Cesar Franck for spirituality and intellectual depth, that of Mendelssohn for lyrical spontaneity. It is sometimes said that his popular aspect does not appeal to the Latins. I do not think that this is true; it is rather his more serious claims which are denied. Indeed, the following extracts from an article which has been sent to me by a friend as representative of the best French opinion seem to prove as much.

The writer of the article, after a somewhat grudging admission of Brahms's right to a certain position among the great composers and of the supreme merits of the Second Symphony and the Violin Concerto, frankly expresses his preference for the lighter works, the Waltzes, the Intermezzi, and some of the songs. He then proceeds in a quotation from another writer to trace the defects in Brahms's music to certain of his characteristics as a man: (Contd. p. 44.)

Week's Features from

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2FC

Sydney

SUNDAY, JULY 2.

7.35: "The Old Coaching Days." A talk by R. Norman Mawer.

8.20: Professor A. H. Charteris, Chalmers Professor of International Law in the University of Sydney, will continue his series of talks on "Australia Looks on the World."

8.50: The Fifth of Six Vocal Recitals. Arranged by the Musical Association of New South Wales. Ethel Friend, Contralto: "Dedication" (Schumann); "The Sea Bird" (Quilter); "Moonlight" (Quilter); "By the Sea" (Quilter); "The Beggar" (Hart). Clement Q. Williams, baritone.

9.10: "Some Old French Chateaux." A talk by F. S. Burnell.

9.30: The Fifth of the First Series of Six Trios for Piano, Violin and Cello. Arranged by the Musical Association of N.S.W. "Trio in C Minor (Brahms).

Lindley Evans, pianist; Cedric Ashton, cellist. Violin solo: "Cradle Song" (Brahms - Monk). Soloist: Cyril Monk. Piano solo: "Waltzes" (Brahms). Soloist: Lindley Evans.

10.10: Interlude.

10.15: A national programme. (Transmission from 3LO, Melbourne). "Faust." A tragedy by Johann Wolfgang von Goethe. Translated, in the Original Metres, by Hayard Taylor. Featuring Theo Shall. Produced by Frank D. Clewlow.

MONDAY, JULY 3.

8.45: Sporting results.

9.0: A National Programme. A Musical Romance, "The Road to Mandalay." (A Humphrey-Bishop production). Based on Kipling's famous verses, and Amy Woodforde Finden's "Pagoda of Flowers"—written by Edmund Barclay. Cast includes: Yvone Banvard, John Pickard, Zena Moller, Walter Kingsley, Rene Dixon, Eric Masters, Phyllis Gillett, Dan Agar, and Alfred Wilmore. Additional music and lyrics by Alf. J. Lawrence. Chorus and orchestra conducted by Joseph Post.

10.45: An Orchestral and Choral programme, presenting Gerald Walenn, violinist, the A.B.C. Radio Choir, conducted by G. Vern Barnett, and the A.B.C. (Sydney) Concert Orchestra, conducted by E. J. Roberts. The Orchestra: "Patrie" Overture (Bizet). The Choir: "The Third Psalm" (Hill)—Motet for Mixed Voices. "The Vesper Bell" (Phillips). Gerald Walenn: "Allegro and Adagio" (Bach). The Orchestra: "L'Heure Exquise" (Hahn); "Song of the Czar" (Rimsky-Korsakov); "Serenade" (Bertie). The Choir: "The Lord is My Shepherd" (Schubert), for ladies' voices and orchestra. "Dream, Baby, Dream" (Baynon), for mixed voices—unaccompanied. "The Bridal Chorus" from "The Rose Maiden"

—with orchestra (Cowen). The Orchestra: "Dawn" (Curran); "Minuet in E Flat" (Beethoven); "Canzonetta" (Mendelssohn). Gerald Walenn: "Menuet in F" (Handel); "Tambourin" (Cossec); "Waltz" (Hummel). The Orchestra: "Moszkowskiana" (Moszkowsky).

TUESDAY, JULY 4.

7.45: Talks from Macquarie Street: "William Roentgen—The Discoverer of X-rays."

8.0: Joe Maxwell, V.C., M.C., D.C.M. will tell some "Tales of the A.I.F."

8.40: Sporting Results.

9.30: A National Programme (transmission from 3LO, Melbourne). The A.B.C. (Melbourne) Concert Orchestra: Overture, "The Star Spangled Banner." A Play: "Robert E. Lee," by John Drinkwater; produced by Frank D. Clewlow.

11.0: A Frivolous Hour: Wireless Dance Orchestra, Norm. Bland and Mark Markham, "The Sundowners' Quartette," and "The Queer Quartette."

Our decision to publish Sydney programmes in the "Radio Record" has been enthusiastically applauded in the past week or two, and, encouraged by the reception of this new feature, we have decided to extend the service to include the two principal Melbourne stations, 3LO and 3AR. On this page we publish the first of these programmes, but readers will please note that, while the Sydney programmes are given from Sunday, July 2 to Saturday, July 8, those from Melbourne cover the period Wednesday, June 28 to Saturday, July 1. The times given below are New Zealand standard times.

12.03: Dance Music from 3LO, Melbourne.

WEDNESDAY, JULY 5.

7.45: This week's interview. "Showing the Flag with the Prince of Wales." "Westward Ho!" Commander C. H. Rolleston, R.N. (retired) will continue his series of talks.

8.40: Sporting Results.

9.30: A National Programme presenting, "The Singing Pierrots" and Bert and the A.B.C. (Sydney) Concert Orchestra conducted by E. J. Roberts, to be followed by an Australian Historical Play, "Collit's Inn," by T. Stuart Gurr and Varney Monk. Music under the direction of Howard Carr.

THURSDAY, JULY 6.

7.45: Women's activities in sport.

8.45: Sporting results.

9.30: A National Programme (transmission from 3LO, Melbourne): "A Year in an Hour," by Leslie Williams. How many people remember the outstanding events of 1890; the opening of the Forth Bridge, and the installation of the first electric light? How many of our younger generation of cricketers know that the Australian Eleven paid their seventh visit to England, and that one match found England dispatched for less than thirty runs? "A Year in an Hour," through the medium of song and story, presents all the outstanding fea-

tures of the year 1890, when the older generation will revive some happy memories, and the younger folk be entertained with a few events culled from modern history.

10.40: A Sea Fantasy, "Salt Sea Spray and Stockholm Tar."

11.0: Concert by A.B.C. (Melbourne) Concert Orchestra, with Pauline Bindley (sop), Alan Eddy (basso) and Edouard Lambert (piano).

FRIDAY, JULY 7.

7.45: How the English Theatre Began, Part 2. "The Church and the Theatre," told by Miss Jean Rankin.

9.30: A National Programme, presenting Alfred Lennard, baritone, Mary Charlton pianiste, and the A.B.C. (Sydney) Military Band conducted by J. Pheloung.

10.50: "Peg Woffington," A play by Arthur Greenaway presenting Ada Reeve in the name role. Produced by Arthur Greenaway.

SATURDAY, JULY 8.

7.45: Model Aeroplane Session, conducted by "Wings."

8.0: Women's sporting results.

8.15: Sporting results.

10.0: A National Programme (transmission from 3CL, Adelaide), a symphony concert by South Australian Orchestra, under the direction of Professor E. Harold Davies, Mus. Doc. Hon. Conductor: Harold Parsons. Assisting artists: Peggy Palmer, pianist;

Clifford Lathlean, baritone. Overture, "Ruy Blas" (Mendelssohn). Pianoforte Concerto in A Minor (Schumann), Peggy Palmer. Group of Songs, Clifford Lathlean, slow movement from "Symphony in E Minor" (Tchaikowsky). Intermission.

11.0: "Children's Overture" (Quilter). Group of English songs, Clifford Lathlean—"Traumerei" for strings only (Schumann); "Minuet" for strings only (Boccherini); "March Slave" (Tchaikowsky).

2BL

Sydney

SUNDAY, JULY 2.

10.0: The Sydney String Quartette, "Quartette in D Minor" (Schubert) ("Death and the Maiden").

10.23: Laurence Macaulay, basso, "Mankind" (Schubert); "A Pleading" (Tchaikowsky).

10.30: "We Await Your Verdict" (Eight of Series). "Cordingly v. Palmer." Claim for £50 damages for loss of dog. Written for radio by Ellis Price.

11.0: The Sydney String Quartet, "Adagio from Quartette in A Minor" (Brahms).

11.10: Laurence Macaulay, basso, "Le Cor" (Flegier); "Si Fra i Coppi" (Handel).

11.17: The Sydney String Quartet,

Australian Stations

"Largo and Finale" from "Quartette in G Minor" (Haydn).

MONDAY, JULY 3.

8.5: Popular education talk (arranged by the Adult Education Broadcasts Committee): "What the State Offers the Citizen." Dr. Percival R. Cole, M.A., Vice-Principal, Sydney Teachers' College—"Secondary Education for All."

9.30: An hour arranged by the Musical Association of New South Wales: Madame Goosens Viceroy, soprano. Edith Kilminster, pianist, "Sonata in F Minor" Op. 5, Allegro Maestoso (1st Movement) (Brahms). Alfred Cunningham, baritone, "Over the Steppe" (Gretchaninoff). "The Horn" (Flegier). Mischa Dobrinski, violinist, "Larghetto" (Weber-Kreisler); "La Caccia" (Chiabran-Corti). Cecily Adkins, soprano. Edith Kilminster, pianist, "Sonata in F Minor" Op. 5 (Two last movements) (Brahms), Intermezzo and Finale. Alfred Cunningham, baritone, "Have I Lost Thee Dear" (Gluck); "Vulcan's Song" ("Philemon et Baucis") (Gounod); "O, Could I but Express in Song" (Malashkin). Mischa Dobrinski, violinist, "Marguerite" (Kreisler-Rachmaninoff); "Mexicano" (Barlow).

10.30: The Ashfield District Band (conducted by C. A. Searle), The Ramon Duo, and Maggie Foster.

TUESDAY, JULY 4.

9.5: Popular Education Talk (arranged by the Adult Education Broadcasts Committee). "This Land of Ours," "Sydney Harbour and Its Islands," by Mr. J. H. M. Abbott ("Tommy Cornstalk").

9.30: Musical Soiree by feminine artists. Guest Announcer, Adele Quinn. Daisy Richards' String Quartette, The Zealandia Trio, Dorothy Thompson, organist, Ethel Lang and Gladys Guest in sketches, May Willis, pianiste, and Alice Prowse, contralto.

WEDNESDAY, JULY 5.

9.5: Popular Education Talk (arranged by the Adult Education Broadcasts Committee). "Music," "The Cinema and Music," by Mr. A. Cazabon.

9.30: From the Newcastle Town Hall. Presenting the Newcastle Symphony Orchestra (conducted by J. S. Hurn, L.A.B.), Kizzie Fraser, soprano, and Lance Jeffree, tenor.

THURSDAY, JULY 6

9.5: Popular Education Talk (arranged by the Adult Education Broadcasts Committee). "Industry Today," Mr. H. D. Black, B.Cc., "Rationalisation in Industry."

9.30: From the Marrickville Town Hall. Community Singing. Concert arranged by the A.B.C. (with associate artists).

FRIDAY, JULY 7.

9.30: "Vaude-Variety": Sam Stern, the international character comedian; The A.B.C. Revue Chorus, featuring the latest song hits; Fifi and Dan, the impressions of Violet Lorraine and George Robey; Wilmore and Kingsley, popular duets with the A.B.C. Chorus; The Theatre Orchestra, conducted by Fred Waite; Charles Lawrence, the well-known film commentator; Rene Dixon, the charming young soubrette.

10.40: The A.B.C. (Sydney) Concert Orchestra conducted by E. J. Roberts,

the Vagabonds Male Quartette and Ethel Holden, violinist.

SATURDAY, JULY 8.

9.5: Popular Education Talk (arranged by the Adult Education Broadcasts Committee). John Douglass, "American Appreciation of Pure Agricultural Seed."

9.30: Radio Dance Night with the A.B.C. Dance Band. Associate artists, Grace Quine, popular vocalist; Charles Lawrence, entertainer; and Alex. Whitson, baritone.

3LO Melbourne

WEDNESDAY, JUNE 28.

7.15: Tales of Adventure—Captain Seaton will tell how he met Mr. Crocodile on the Amazon River.

9.30: A Musical Play, "The Girls of Gottenburg" by Ivan Caryll and Lionel Monckton. Principals, Chorus and Orchestra, under the direction of William G. James. Production, Frank D. Clewlow.

11.0: Interlude.

11.10: Dance programme by Wireless Dance Orchestra, conducted by Cecil Fraser, with "Jack and Jill Propriety Unlimited." "Dealers in Jazz Jewels."

THURSDAY, JUNE 29.

7.15: Argonauts' Club Day, when Jason, the club-leader, has a chat with everybody. A Playlet for Girl Guides—"How the Blue Wren Patrol Prepared for Proficiency Badges." More about the Swiss Family Robinson.

9.30: "A Beethoven Programme." (Transmission from Sydney Studios.)

FRIDAY, JUNE 30.

A Brass Band Concert with "The Sundowners" and "Reminiscences of Vaudeville" by Syd. Hollister and Rita Hilton.

9.30: Malvern Tramways Band, conducted by Harry Shuggs. March, "Blenecathra" (Rimmer). Overture, "The Bohemian Girl" (Balfe). "The Sundowners" Male Quartette—Two Rhythm Spirituals: "Going to the Promised Land" (Tanasy). "On Revival Day" (Razaf). The Band, Cornet Solo, "Il Bacio" (Arditi) (Soloist, Cecil Seaman). Minuet in G (Beethoven). A Comedy Interlude, "Reminiscences of Vaudeville," recalled by Syd. Hollister and Rita Hilton. The Band, Selection, "The Lady of the Rose" (Gilbert). "The Sundowners," "Geisha" (Stempinski); "Morning" (Speaks). Waltz, "Casino Tanze" (Gung'l). The Band.

10.30: Interlude.

10.40: A Group of three Dramatic Plays of differing types. The First—"The Man in the Stalls," by Alfred Sutro. The persons of the play: Hector Allen, Elizabeth Allen, Walter Cozens. Scene: The Sitting-room of a little flat in Shaftesbury Avenue. The Second "Fog," a Radio Script with a Mystery Theme, written and arranged by McCowan Russell, from a plot suggested by Geoff Palmer. The Third—"The Carrier-Pigeon," a play by Eden Philpotts. Characters: Harry Hawke, aged 71 (an old poacher); Elias Cobleigh, aged 65 (his neighbour); Milly Hawke, aged 65 (Harry's wife). All three plays produced by Frank D. Clewlow.

SATURDAY, JULY 1.

9.30: National Programme: "Light Classics," presenting The Cavaliers' Male Quartet, George White, violinist and A.B.C. (Sydney) Concert Orchestra, conducted by E. J. Roberts.

12.0: Dance music by Wireless Dance Orchestra.

3AR Melbourne

WEDNESDAY, JUNE 28.

9.30: "Stalky and Co."—Yesterday and To-day. 1—Personal Reminiscences of the famous Trio. Mayor-General J. A. Bruche.

9.50: Programme, arranged by Music Teachers' Association. Artists: Myrtle Liddy, Pianist; Franz Schieblich, Violin; John Hobbs, Baritone. Violin and Piano: "Sonatina" (Dvorak). Vocal: (a) "Had a Horse"; (b) "Shepherd See Thy Horse's Foaming Mane"; (c) "Mourning in the Village Dwells"; (d) "Marishka" (Korabay). Piano: "Sonata, Op. 14, No. 1" (Beethoven). Violin: "La Folia" (Corelli Leonard). Vocal: "Non Piv Audrai" (Mozart).

10.40: Interlude.

10.45: A Brass Band and Vocal Concert. Brunswick City Band, conductor, Hugh Niven. Valse, "Casino Tanze" (Gung'l). Madame Filipini, Soprano, "A Little Love a Little Kiss" (Silesu); "Just a Cottage Small" (Hanley). Brass Band: Selection, "Old Kentucky." Madame Filipini, soprano. Dorrington Boyle, Tenor. Duets: (a) "Waters of Minnetonka" (Lieurance); (b) "Somewhere a Voice is Calling" (Tate). Brass Band: Cornet Solo, "Songs of Araby" (Clay). Dorrington Boyle, tenor, "Love's Old Sweet Song" (Molloy); "Roses of Picardy" (Wood). Brass Band, Humoresque, "Three Blind Mice" (Douglas). Madame Filipini, soprano. Dorrington Boyle, tenor, Duet: "Till the Sands of the Desert" (Ball). Brass Band, March, "The Virtuoso" (Rimmer).

THURSDAY, JULY 29.

9.50: Dance Programme by A.B.C. (Wireless) Dance Orchestra. Assisted by Jessie Shmith, contralto, "The Two Balladeers" and Norm. Bland (comedian). Wireless Dance Orchestra, Foxtrot, "The Two Balladeers." "Marta" (Simmons); "Dorothy" (Scott). Wireless Dance Orchestra, Foxtrot. Jessie Shmith, contralto, "When My Ship Comes Sailing Home" (Dorel). Wireless Dance Orchestra, Waltz. Norm. Bland, comedian, is "Almost a Gentleman." Wireless Dance Orchestra, Foxtrot. "The Two Balladeers," "Farewell to Arms" (Silver); "What More Can I Ask" (Noble). Wireless Dance Orchestra, Foxtrot. Jessie Shmith, contralto, "When You Are Old" (Sanderson). Wireless Dance Orchestra, Waltz. Norm. Bland, comedian, is still "Almost a Gentleman." Wireless Dance Orchestra, Foxtrot. "The Two Balladeers," "It's Winter Again" (Hoffman). Wireless Dance Orchestra, Foxtrot. Jessie Shmith, contralto, "Sometimes in My Dreams" (d'Hardelot); "I Heard You Singing" (Haydn Wood). Wireless Dance Orchestra, Waltz. Norm. Bland, comedian, "Almost a Gentleman." Wireless Dance Orchestra, A Group of Favourite Foxtrots.

(Continued on Page 44.)

Star ★ Items ★ of ★ the ★ Week

SUNDAY, JULY 2.

After-Church Concerts.

1YA: 8.30 approx., Relay of Municipal Band Concert from Town Hall, assisted by Mr. Ernest Thomas (bass), and Miss Phyllis Hazell (contralto).

2YA: 8.15 approx., Relay from De Luxe Theatre of Concert by the Port Nicholson Silver Band.

3YA: Programme featuring Mr. W. H. Dixon (tenor); the Bohemian Trio; Miss Julie Russell (soprano); Professor J. Shelley (Shakespearean Recitals); and Mr. J. L. Tennent (bass).

4YA: Relay of Concert Programme from Station 3YA, Christchurch.

MONDAY, JULY 3.

Evening Talks.

Agricultural Talk, 1YA, 7.30.

"Books: Grave and Gay," 2YA Book Reviewer, 2YA, 7.40. "Chemical Messages or the Wireless of the Body," recorded talk by Professor J. Barcroft, F.R.S., 2YA, 8.41.

"What is This A.I. Plan?" dialogue between Father and Mother (Mr. A. D. Brice and Miss Irene Todd), under the auspices of the Sunlight League, 3YA, 7.15 p.m.

"Employers' Additional Unemployment Benefit Scheme in Great Britain," Mr. G. Lawn (W.E.A. Session), 3YA, 7.35 p.m. "The French Colonial Empire," Mr. W. G. McClymont, 4YA, 9.2.

Features.

1YA: Violin Recital by Mr. Vincent Aspey; baritone solos by Mr. John Howard. At 9.2 p.m., relay of wrestling matches from the Auckland Town Hall.

2YA: Madame Margaret Mercer (contralto); 9.2 p.m., "One Hour with Grieg," by 2YA Concert Orchestra. Paul Vinogradoff with Orchestra playing First Movement of Concerto for Piano-forte and Orchestra by this great Norwegian composer.

3YA: Scottish Pipe Band Quartette; Mr. R. S. H. Buchanan (bass); Miss Adie Campbell (soprano); and the Woolston No. 1 Quartette Party.

4YA: Programme of selected recordings.

TUESDAY, JULY 4.

Evening Talks.

"Book Review," 1YA Book Reviewer, 1YA, 7.20. "Music

—the Good Companion: "Opera—A Broad Highway," Mr. Ralph Hipkins, W.E.A. Session, 1YA, 7.35.

"Down the River Rapids in Finland," Professor R. M. Algie, 1YA, 9.2. "For the Man on the Land," Representative of the Agriculture Department, 2YA, 7.40 p.m.

"Travellers' Tales," Mr. E. W. Ackland, 2YA, 8.42. "The Story of the Garden," Messrs. E. B. Wiltshire and F. C. Fairclough, 3YA, 7.35.

"Teeth" (second of series), Mr. J. Renfrew White (W.E.A. Session), 4YA, 7.30. "The Romance of the British Cathedrals," Mr. Martin F. Cock, 4YA, 9.2 p.m.

Features.

1YA: Programme of selected recordings.

2YA: Selected recordings until 9 p.m., when there will be a presentation of one hour of "Uncle Sam's Music," narrator, Mr. Karl Atkinson.

3YA: Popular dance numbers by Bob Bradford and His Radio Sextette; Mrs. Winifred Andrews (mezzo contralto); Clive Hindle (baritone); and a saxophone solo by Noel Habgood.

4YA: The Philharmonic Four; Mr. George Christie (cornet); Miss Maude Kenward (contralto); Clarice Drake (pianist); selected recordings.

WEDNESDAY, JULY 5.

Evening Talks.

"With the Big Game Hunters in Africa," Mr. H. J. Edwards, 1YA, 9.2. "For the Home Gardener," 2YA Gardening Expert, 2YA, 7.40.

"World Affairs," Dr. Guy H. Scholefield, O.B.E., 2YA, 8.40. Addington Stock Market Reports.

Features.

1YA: 7.30, Relay of the Governor-General's speech at the opening of the Auckland Winter Exhibition. Thirty minutes of selected recordings. Auckland Watersiders' Silver Band; Miss Reta MacCullay (soprano); and recordings.

2YA: Programme of selected recordings. "Recent London Theatre Successes."

3YA: Relay of concert programme from Station 4YA, Dunedin.

4YA: Miss Evelyn Shepard (soprano); the De Rose Octet; Mr. C. R. Williamson (tenor).

THURSDAY, JULY 6.

Evening Talks.

"The Development of Political Ideas: (b) The Contemporary Scene: 'The Trend to Dictatorship — Russian Model,'" Mr. N. M. Richmond, (W.E.A. Session), 1YA, 7.30. "Under Tropic Skies," by "Episcopus," 1YA, 9.2.

"This Chemical Age: Chemistry and Civilisation," Mr. A. D. Monro, M.Sc., Lecturer in Chemistry, Victoria University College, (W.E.A. Session), 2YA, 7.30 p.m. Review of Journal of Agriculture.

"The Greatness of Ancient Greece and Rome in Sport," Mr. J. T. Burrows, 3YA, 9.2. "Great Men in the World of Literature: Victor Hugo," Mr. A. H. Williams, M.A., 4YA, 9.2.

Features.

1YA: Piano recital by Paul Vinogradoff, the brilliant Russian pianist; One-act play, "Her Last Act," by Mrs. Zoe Bartley Baxter's Players. Selected recordings.

2YA: Special presentation of Charity Concert (recordings) at the London Coliseum, by Mr. Will McKeon and Company, introducing internationally-known artists.

3YA: Programme of selected recordings.

4YA: The Harmony Four; the De Rose Trio; presentation of dramatic nautical episode, with effects, "The Signal," by the Radio Players, produced by Major F. H. Lampen.

FRIDAY, JULY 7.

Evening Talks.

"Sports," Talk, 1YA, 7.30. "Yacht Cruising in the South Pacific: To Rotomah, the Ellice Isles, and Life in a Coral Atoll," Mr. John Harris, 1YA, 9.2.

"Bridge," Mrs. A. L. Long, 2YA, 7.40. "Disraeli," Mr. C. A. L. Treadwell, 2YA, 8.40. "England To-day," Mr. G. Lawn, "Employers' Additional Unemployment Benefit Scheme in Great Britain" (W.E.A. Session), 3YA, 7.35.

"Some New Zealand Birds," Dr. W. B. Benham, Professor of Biology (W.E.A. Session), 4YA, 7.30. "Famous Maori Chiefs: Te Ruaparaha," Mr. N. S. Woods, M.A., 4YA, 9.2.

Features.

1YA: 1YA Chamber Orchestra; Mr. Arthur Wright (bass-baritone); the Baileys in two sketches.

2YA: 2YA Concert Orchestra, and selected recordings.

3YA: Studio Orchestra; Mrs. Anita Ledsham (mezzo-contralto); Rev. L. A. North (baritone); selected recordings.

4YA: The Symposians, Mr. Reg. Tapley (bass-baritone); and Miss E. M. Holland, in humorous sketches; selected recordings.

SATURDAY, JULY 8.

Sporting Broadcasts.

1YA: 2.45 p.m., relay of running commentary on Rugby Football Match from Eden Park.

2YA: 2.45 p.m., relay of Rugby Football Match from Athletic Park.

4YA: 1.15 p.m., relay of running description of Rugby Football from Carisbrook Ground.

Evening Talks.

Horticultural Talk, 1YA, 7.30. "Ice and Icebergs: With the 'Alice' in the Ice," by "Old Wire Whiskers," 1YA, 9.2. "A View of U.S.A.—Puritanism and the Revolutionary Idea," Mr. H. G. Miller, M.A., Librarian, Victoria University College (W.E.A. Session), 2YA, 7.30.

"The Attributes Essential to Success in Life," Dr. A. D. Carbery, C.B.E., President, N.Z. Association Fine Arts Society, 2YA, 8.43 p.m.

Features.

1YA: 8 p.m., Special B.B.C. recording of a musical comedy entitled, "Postman's Knock." Selected recordings.

2YA: 2YA Concert Orchestra; Mr. R. Owers (trombone). 9.4 Special presentation of recorded version of the one-act play, "My Adventure at Chislehurst," an A. J. Alan Recital.

3YA: New Lyric Four; Mr. J. Richards (bass); Miss Julie Russell (soprano); Mr. H. Blakeley (tenor); 9.4 presentation of "Old Time Concert and Dance Programme," by Salon Orchestra, and selected recordings. Closing down 11.30 p.m.

4YA: Relay of Concert Programme from 3YA Christchurch. Closing down 11.30 p.m.

Full List B.B.C. Recorded Programmes for N.Z.

Splendid Features for Next Four Months

(Special to the "Radio Record.")

With the presentation of the British Broadcasting Corporation's recorded play, "Sir Christopher Wren," from 1YA and 2YA on Sunday, June 4, a new era was opened for New Zealand radio listeners. The New Zealand Broadcasting Board has made complete arrangements with the B.B.C. for the presentation in the Dominion of nine specially recorded programmes, and, from now on, some of the finest English broadcasts will be brought, by means of these recordings, into nearly 100,000 New Zealand homes. Below is the first published list of the recordings to be presented within the next four months.

"SIR CHRISTOPHER WREN."

3YA (Sunday, July 16).
4YA (Sunday, July 16).
Timed to occupy 58 minutes.

"POSTMAN'S KNOCK."

1YA (Saturday, July 8).
2YA (Saturday, July 1).
3YA (Saturday, July 22).
4YA (Saturday, July 22).
Timed to occupy 65 minutes.

"MY ADVENTURE AT CHISLEHURST."

1YA (Saturday, July 22).
2YA (Saturday, July 8).
3YA (Saturday, August 5).
4YA (Saturday, August 5).
Timed to occupy 26 minutes.

SCOTTISH NATIONAL PROGRAMME.

1YA (Sunday, July 30).
2YA (Sunday, July 23).
3YA (Sunday, August 13).
4YA (Sunday, August 13).
Timed to occupy 40 minutes.

VAUDEVILLE PROGRAMME.

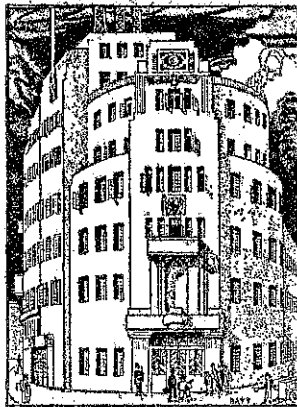
1YA (Saturday, August 5).
2YA (Saturday, July 15).
3YA (Saturday, September 16).
4YA (Saturday, September 16).
Timed to occupy 65 minutes.

"NUTS AND WINE."

1YA (Thursday, August 10).
2YA (Tuesday, August 1).
3YA (Wednesday, July 26).
4YA (Wednesday, July 26).
Timed to occupy 33 minutes.

SONGS FROM THE SHOWS.

1YA (Saturday, August 19).
2YA (Saturday, August 12).



B.B.C. Headquarters, London.

3YA (Saturday, September 30).
4YA (Saturday, September 30).
Timed to occupy 65 minutes.

ELLEN VANNIN THROUGH THE AGES.

1YA (Sunday, August 27).
2YA (Sunday, August 6).
3YA (Sunday, September 10).
4YA (Sunday, September 10).
Timed to occupy 40 minutes.

"WORLDS AWAY."

1YA (Friday, September 1).
2YA (Tuesday, August 22).
3YA (Wednesday, August 23).
4YA (Wednesday, August 23).
Timed to occupy 65 minutes.

CONTINENTAL broadcast station report that the popularity of jazz is definitely on the decline.

CZECHOSLOVAKIAN broadcasting began ten years ago with a one kilowatt transmitter. The main station to-day is 120 kilowatts.

SINCE the advent of the Hitler Government and its increased participation in broadcasting, interference in reception has become a very serious crime. In cases where disturbance is created during a ministerial broadcast the culprit is given no option, but is imprisoned upon conviction.

Snippets from Recent Talks

PROFESSOR T. A. HUNTER (2YA).

IT is unfortunate at this crisis in man's history (the end of the 17th century) it should so happen that his avarice was intensely stimulated by the wealth of the Americans and the exaggerated tales told in regard to it. Man having lost his old measuring rods of human values seized on the new one that unhappy chance placed within his grasp, without reflecting on some of the consequences to wealth and happiness that were to follow. Better far if man had been able to follow the advice of Johnson: "Turn from the glittering bribe thy scornful eye; Nor sell for gold what gold could never buy."

THE tulip was introduced into Europe about the middle of the 16th century. Being rather a rare and costly flower it became the fashion among the rich and early in the 17th century the bulb was the centre of a vast money-making scheme. As the mania increased the prices of bulbs were raised until the most ridiculous prices, thousands of florins, were paid for rare kinds, and the Dutch ordinary industry of the country was neglected. When the bubble burst the whole finances of the country were in dire difficulties.

ANY object was sufficient to cause people, lost in a flood of covetous emotion, to part with their money. One company was promoted "to make deal board" out of saw dust." Another (for a million pounds) was for "a wheel of perpetual motion"; another, for the furnishing of funerals to any part of Britain; another (capital two million pounds) "for importing walnut trees for Virginia"; another for buying and fitting out ships to suppress pirates; and one that clearly showed the utter madness of the crowd, "a company for carrying on an undertaking of great advantage, but nobody to know what it is!"

MR. PATRICK BELL SYER (3YA).

THE South African diamond business is controlled and administered by a combine known as the Consolidated Diamond Mines of South-West Africa which co-operates with the Government of the Union. There is a special force of the C.I.D. attached to the Department of Mines called the Diamond Fields Branch. A detachment of the South-West African Police, mounted on camels, patrols the coast and the borders of the district and everything is most prosaic and orderly.

MR. A. J. CAMPBELL (3YA).

WHAT is viewed with more concern than Poland's expressed wish for a free naval base in Gdynia is the diversion of trade through the new port at the expense of Danzig. In this seems to lie the real reason for its construction—avoidance of trade with Danzig and Germany. The Polish determination to avoid business with Danzig is further shown by the construction of an entirely new and costly railway from Gdynia, right through Poland to Upper Silesia.

THE Spanish Government has authorised the installation of microphones in the Madras Parliament for the purpose of amplification of speeches and for broadcasting.

THE Vienna Symphony Orchestra in future is to act as a recognised and permanent auxiliary of Ravag. As the result of a public contest of aspirants in the Concert House, the orchestra has increased its membership by twenty in order that two complete orchestras may be formed, of which one of the other will always be available.



(By Bolton Woods)

THIS department is at the disposal of all readers who wish for information about records, works recorded or recording artists. No charge is made. Communications must be addressed—Bolton Woods, c/o "N.Z. Radio Record," P.O. Box 1032, Wellington.

"NAPIER."—The record you refer to is: "The Loxley" (Sücher), sung by the Berlin Union of Teachers (Parlophone A5009). On the reverse side is "The Heavens Are Telling" (Creation's Hymn), by Beethoven.

MISS NELLIE COOKE (Glen Massey): The English words of "The Song is Done," from "The Song is Ended," sung in German by Richard Tauber on Parlophone Record No. AR142, are, unfortunately, not available, but Marie Burke sings this number on Columbia Record No. DO474.

THOMAS SIMON (Timaru): The only baritone recording of Allittsen's "The Lord is My Light" that I can trace is Reginald Whitehead's on Parlophone No. E10564.

Denza's 600 Songs.

THOUGH all Denza's other music should one day be forgotten he will probably be remembered as long as songs are sung by his merry "Funiculi, Funicula." It has passed so completely into the realm of popular things that the great Richard Strauss imagined it to be a real folk song, and as such, made use of it in his Suite for Orchestra, "From Italy." Denza, like his Italian compatriots Tosti and Arditti, found fame and fortune in London, being one of the Directors of the London Academy of Music and a professor at the Royal Academy of Music for many years. He wrote over 600 songs, two of his best ones being "Had You But Known" and "A May Morning." Elsie Suddaby, the famous Yorkshire soprano, will be heard in the last-named from 1YA on Saturday, July 8, at 9.34 p.m.

Stravinsky.

TWO examples of the simpler type of Stravinsky's music have been recorded by the Concert Colonne Orchestra, Paris, on a magnificent Parlophone record (AR 1059). These are "Fireworks" and "Polka and Galop," two or-

chestral works that attracted the attention of the genius of the Russian ballet, Serge Diaghilev, with the result that a commission was given to Igor



STRAVINSKY IN ACTION.

Stravinsky to write music for a ballet. The outcome was "The Fire Bird," once regarded in England as outrageously "advanced" and now, like its successor-ballet, "Petrushka," regarded as being "a dear old-fashioned thing," when compared with later

works such as "Symphony of the Psalms" produced in 1913.

Intended for Law.

ORIGINALLY intended for the law, Stravinsky, who is just past 50, found music to be his true forte. Pursuing new forms he first outrages but finally wins his public. His adherents now number many thousands the wide world over. He was a pupil of Rimsky-Korsakoff, who, when he was 20, he first met whilst travelling in Germany. The relationship between him and his teacher's family was happy. Some of the piano music is dedicated to the sons of Rimsky-Korsakoff, whilst the now popular "Fireworks" was written to celebrate the marriage of the daughter of the Russian master.

Drinkwater's "Discovery."

WHEN John Drinkwater was a boy of 16 he was a clerk in an insurance office at Nottingham earning eight shillings a week. He stuck it for ten years, threw up his job, and then eked out a living with journalism and advertisement canvassing. But his mind was really in the theatre and writing plays. The amateur theatre really induced him to take this step, and as he had become a member of Barry Jackson's amateur company in Birmingham he soon became absorbed in the stage and all its works. His transition from hunting for insurance business to the more precarious hunt for a definite living as an actor is admirably told in the second volume of the autobiography "Discovery," in which he says: "The merest shade more of prudence, the merest shade less of self-confidence, and I might have stayed where I was for ever, or until I retired at 60 with a pension."

Narrow Escape.

"TO have missed my chance," he continues, "would have been to miss my life." He writes this at the end of the volume. Like the artist that he is, Drinkwater describes how he escaped from a life that gave him no chance to de-

BEST-SELLING RECORDS OF THE WEEK

"Rose of Tralee" and "Ireland, Mother Ireland," John McCormack (H.M.V. DA1119).

"Ahl Sweet Mystery of Life," and "Song of Songs," Richard Crooks (H.M.V. DA999).

"She Shall Have Music" and "Hungarian Song," Jack Bund and Bravour Dance Band (Parlophone A3549).

"Red is Your Mouth," and "There Was a Love Dream," Richard Tauber (Parlophone AR186).

"I Hear You Calling Me" and "Mother Machree," John McCormack (H.M.V. DA958).

"Shuffle Up to Buffalo," and "Young and Healthy," from "42nd Street," George Sorbie (Parlophone A3609).

"Hand in Hand" and "An der Volga," Richard Tauber. (Parlophone AR1049).

"You Will Remember Vienna," and "I Bring a Love Song," Richard Crooks (H.M.V. DA1174).

"The Hollywood Party," Florence

Desmond (H.M.V. B4264).

"When I'm Looking at You" and "White Dove," Lawrence Tibbett (H.M.V. DA1102).

"Because" and "Bird Songs at Eventide" (in English), Richard Tauber (Parlophone AR200).

"Yodelling Ploughboy" and "Yodelling Coon," Ned Tucker (Parlophone A3438).

"After To-night We Say Good-bye" and "You're More Than All the World to Me," Gracie Fields (H.M.V. BA1161).

"Pu-leeze, Mister Hemingway" and "Heaven Will Protect an Honest Girl," Gracie Fields (H.M.V. B4366).

"Lily of Laguna" and "Look for the Silver Lining," Leslie Harvey (Parlophone A2555).

"Floral Dance" and "Lute Player," Peter Dawson (H.M.V. C1313).

"It Isn't Love" and "Truly Rural," Ronald Frankau (Parlophone A3559).

velop the things of the mind, though it gave him material security. Undeniably a poet of front rank among the moderns, Drinkwater's stage experience taught him how to read his own lines in such a way that listeners get the utmost enjoyment from hearing them. On a Columbia record (D40140) he reads four, viz., "Mystery," "Vagabond," "Moonlit Apples" and "Birthright." 4YA listeners will hear this admirable effort on Monday, July 3.

Newspaper Advertisement

IN May, 1808, when Schubert was little more than eleven, his eyes (and those of his father) were caught by a newspaper advertisement which announced two vacancies in the Royal Court Chapel Choir. How Schubert applied, and, after appearing before the examiners, was admitted to the choir, and thereby secured not only a musical but also a good secondary education, is now a matter of history. His beautiful soprano voice and wonderful musical knowledge gave him a lead over all other applicants. So Schubert donned the gold-laced uniform of Vienna's Imperial Choirboys and during his membership sang solos, and, in his unique way, conducted the school orchestra. To this day the choir still functions and, what is more to the point to New Zealanders, its efforts may be heard on the gramophone. "Solweig's Song" (Parlophone Record AR1038) is a case in point. This will be heard at 9.10 p.m. on Monday, July 3, from 2YA during an attractive "Grieg Hour," and listeners will be enchanted with the singing of the boys of the Hofburg Chapel choir, Vienna.

Romantic Wallace.

BERLIOZ wrote a whole chapter about Vincent Wallace, the composer of "Maritana," in his book "Evenings in the Orchestra." He appears once to have met Wallace, who amused him very much. "He is a first-class eccentric, as phlegmatic in appearance as certain Englishmen, but in reality as rash as any American. We have spent together, in London, many half-nights over a bowl of punch, he narrating his strange adventures, I listening eagerly to them. He has carried off women, he has fought several duels that turned out badly for his adversaries, and he was a savage—yes, a savage, or pretty nearly one for six months."

Two Good Liars.

THERE follows (in what are supposed to be the words of Wallace, but one suspects them to be far more the words of Berlioz, and that both are lying), the most amazing account of an adventure in New Zealand (concerning an alleged punitive expedition sent from Australia) that has been written about musicians. Berlioz concludes the chapter with naive impudence. "Good morning, my dear Wallace; do you think I have committed a breach of trust in publishing your Odyssey? I warrant you do not." Doubtless, Berlioz would have said also what he thought of Wallace's opera "Maritana," but apparently he never heard it, taking it altogether on trust. On Nov. 15, 1845, at Drury Lane Theatre, Wallace conducted the first performance of what to this day remains one of the most popular native-born operas England listens to.

The Light Opera Company will be heard in Vocal Gems from Maritana (H.M.V. C1693) from 3YA on Tuesday, July 4.

The Modest Viola.

WHEN comparing the violin with the viola, we cannot but be struck by the unassertiveness of the latter. It is not often one meets a viola player who adopts the career of a virtuoso, perhaps because with one or two exceptions there are no orchestral works of first-rate importance in which the



A PROGRAMME of "MUSIC AND DANCES OF YESTERDAY" From 1YA On Saturday, July 8.

central role is assigned to that instrument. Indifferently described as the alto or tenor voice in the orchestra, the viola is of all instruments the one most readily mistaken for a human voice. Its tone, which sometimes contains a comical suggestion of a boy's voice in mutation, is lacking in incisiveness and brilliancy, but for this it compensates by a wonderful richness and filling quality, and a pathetic and inimitable mournfulness in music.

Christopher Robin.

A LONDON paragrapher recently motored down through delectable Surrey one Sunday morning to attend service in the beautiful chapel of Boxgrove School, near Guildford. The service was without a sermon and exquisite in the quality of music. "Who is that," the journalist whispered, "who is leading the choir?" "That is Christopher Robin, A. A. Milne's son," came the answer that thrilled even a newspaper man's bosom. Later in the service Christopher Robin sang a solo. These boys' voices, they beat all the trebles in the world, as Mr. Baldwin once said. Becoming interested in the A. A. Milne songs, I looked up the H.M.V. (English) catalogue and made a momentous discovery.

Christopher Recorded.

IT was the fact that Christopher Robin himself has made two records. He does three little ditties from "Now We Are Six," of which the music is by H. Fraser-Simson. They are "Down by the Pond," "The Engineer" and "The Friend" (H.M.V. B2080).

On the reverse side of this record he does "When We Were Very Young" and "Us Two," the music of which is by the same composer. What a pity they are not in the possession of every family of youngsters. The next best thing is to broadcast them in the Children's Hour. "The Hums of Pooh" and the "When We Were Very Young" series, by the excellent George Baker, and Mimi Crawford's "Now We Are Six" make up three wonderful sets of discs. Children of all ages never tire of hearing A. A. Milne's whimsical poems and songs.

A Musical Missionary

IN the English "H.M.V." record catalogues occurs the name of that remarkable organist, Dr. Albert Schweitzer, whose two discs, "Prelude and Fugue in E minor" (Bach), and the Choral Preludes, "My Heart is Longing" and "When in Deepest Need" (Bach), must surely be unique. In the words of one writer they are the work of a man who has become traditional whilst yet alive. Starting life as an organist, and becoming a leading organ-player of France (Schweitzer is a native of Alsace), he started also as a theologian and as a student for practical missionary work. At 30 he went to Upper Congo, as a medical missionary, and there he wrote his book, "J. S. Bach—The Musician-Poet" (translated since into English by Ernest Newman), the work being based on the pictorial realism of Bach's music.

Gospel of Hard Work.

UNLIKE the missionary of the imaginations of so many arm-chair critics, Dr. Schweitzer believes firstly in the gospel of hard work. In 1913, after eight years in Africa, he returned to Europe to lecture on theology at Strassbourg, and in 1918 he went back to his missionary post. For some years he has visited Europe periodically to raise funds for his medical mission by giving organ recitals which, needless to add, are better attended than those recently suspended in Wellington. In his newly-published biography he says in the Bach chapter, "All utterances about art are a kind of speaking in parables." It is no small privilege to hear the work of this remarkable man through his organ records.

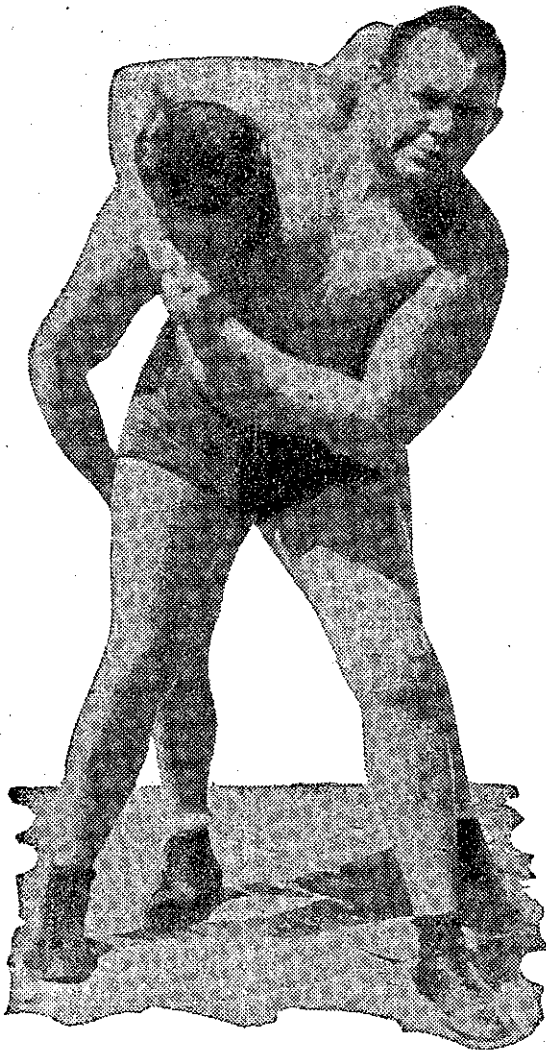
Tauber on Parlophone.

RICHARD TAUBER, the famous singer (according to cabled advice) was recently attacked by a Nazi crowd in Berlin, after his recent triumphant tour to England, where he was paid the world's record salary of £1500 a week. Such a figure causes no surprise once you hear his voice recorded in "Goodnight," his own personal favourite on Parlophone records. It leaves you spellbound.—(Advt.)

THE many requests of crystal users in the Dublin area for the resumption of the local station, which was closed on the inauguration of Athlone, has resulted in the old 1½ kilowatt station being put into service again.

Romantic Names and

Wrestling Rises to Popular Heights In New Zealand —



COUNT JOSEPH WILHELM VARGA does not like talking about himself. The *Radio Record* representative who broke in on the Count's lunch-hour at the Hotel St. George in Wellington soon discovered this, but he was rewarded by a glimpse of other days and other ways in the wrestling arena.

But, although he had objections to talking about himself, the Count indicated ways and means of procuring a biographical note or two. It would seem that this hefty Hungarian wrestler is related to the Royal Family of Austria and that the Archduke Ferdinand, before his death, looked upon the Count as an excellent soldier. He saw four years of active service during the Great War, and was decorated for bravery before retiring to a small Italian villa to recuperate. A trip to Paris followed, and here's the story of how the Count started his wrestling career.

A crowd surging round a tent at a small fair on the outskirts of the French capital attracted the strolling nobleman's attention. He discovered that a young man was demonstrating his weight-lifting ability and challenging all comers. He was Henry de Glane, and he was offering 10 francs to anyone who could stay the racket for ten minutes without having his shoulders pinned to the mat. After watching several performances the challenge was taken up by the Count, who stepped into the ring dressed in morning clothes and a silk hat.

The Count and de Glane wrestled for 10 minutes without either of them securing a fall and, by this

time, the crowd was worked up to fever-pitch. At the end of the 10 minutes there was loud clamouring for a further exhibition, and this was granted with the same result—no fall.

A manager of wrestlers was quickly on the scent after this exhibition, and it was not long before Count Varga was signed up to appear in several American arenas. A lot of interest was aroused by the American Press in his first bout, but he disposed of his opponent in four minutes! Since then the Count has met many wrestling celebrities—Gus Sonnenberg, Nick Lutz, Ad Santel, Ed Don George, Charlie Strack—and can claim to have triumphed over many of them.

LET the person who imagines that wrestling is a new sport have his ideas dispelled. It dates back to the time when the years were counted backwards and B.C. was the customary prefix. Wrestling is one of the oldest of organised contests, but every now and again there rises a generation that knows nothing about the sport, and a clever showman seizes on the idea of exploiting it for the benefit of the public—and his own pocket. A boom in England 30 years ago was brought about by good publicity and large prices were paid for ringside seats. New Zealand, at the present time, is experiencing just such a boom and many are the muscular gentlemen with romantic names who are flocking down to this little corner of the earth.

Not only had ancient wrestling its recognised "wild men," but the spectators nicknamed them because of their methods. One man whose name appears to have been handed down through the centuries on account of his toughness was Sostratus the Sicynian, who had the habit of seizing an opponent's fingers and gradually bending them back till he broke them if his opponent did not give in. He scored 12 victories at the Isthmus and Nemaea, three at the Olympic and two at the Pythian Games. A tough egg was Sostratus, and because of his methods the spectators, who took more trouble with their witticisms than do spectators to-day, laughingly labelled him Acrochersites. Leontiscus the Sicilian was another grappler of the same period who adopted similar methods to those of Sostratus.

The Anglo-Saxons knew plenty about wrestling but, after the arrival of William the Conqueror, the sport was in the discard and was not seriously revived until the time of the Tudors, the story being told that Henry the Eighth could throw a man with ease. (Whether he practised on any of his numerous wives is not mentioned.) That it must have grown considerably in favour in later times is shown by the fact that the champions of the north and west met in a match in St. James's Park in February, 1669, in a match for £1000, the latter winning. The sport declined after

Bulging Muscles

the early part of the eighteenth century. Early in the nineteenth century an effort to revive it was made, not very successfully. Toward the end of the nineteenth century, however, wrestling was going strong in America, and at the beginning of the twentieth century it became immensely popular in England, showmanship being exploited to give crowded houses the thrills the fans wanted.

It was at this time that the super-promoter, C. B. Cochran, took up wrestling, and he was chiefly responsible for the tremendous boom that followed. In Paris he saw for the first time a young Russian named Georges Hackenschmidt who was competing in a world wrestling championship, and when Hackenschmidt later went to London Cochran met him, became his agent, and secured for him a contract for a trial week at the Tivoli at £70 a week. The house record for receipts was broken that week, and the wrestler was given a further four weeks' engagement at £150 a week.

—Helped by Such Renowned
Matmen as Count Varga and
Whiskers Blake

WITH Hackenschmidt enjoying a nation-wide popularity wrestlers began to appear from other countries—the "Terrible Turk," or, to give him his right name, Antonio Pierri, came to England with a fellow-countryman, Madrali, who also became, known as the "Terrible Turk." After some negotiations Madrali and Hackenschmidt were matched at Olympia and the crowd was tremendous. When the gong sounded Hackenschmidt rushed at his opponent, picked him up and dashed him down. The match was over, for the not-so-terrible Turk lay on the mat with both arms broken!

It is about four years since the wrestling fever hit New Zealand, for the past 12 months wrestlers have been pouring into the Dominion, and, in the case of some, have received almost as much hero-worship as matinee idols. Auckland was the first place conquered, then Wellington—and finally the South Island. All-in wrestling made a bad start in Christchurch. When it was first gaining its feet in Auckland, and it was known that the famous Russian grappler Al Karasick was in the Dominion the public of Christchurch was informed that an open-air contest would be held at English Park Stadium between Karasick, "The Russian Lion," and a local man. The contest drew only a small crowd, and it turned out a farce, finishing in an early round when one of the contestants retired with an injured knee. For an exhibition by the great Al Karasick it was the poorest thing imaginable, and a local newspaper decided to probe the visitor's credentials. It



ran across a man who not only knew Karasick, but also knew that the Russian could not possibly have been in Christchurch that night! So the first "all-in" bout, although it was only a "take-in" bout, provided Christchurch with a sensation. The principals folded up their tents and faded away.

THIS season those responsible for importing the grapplers to New Zealand have brought to the Dominion men of a much better class than most of their predecessors, huge men with a much better appreciation of the art of showmanship. The old gesturing and grimacing and attitudinising of the earlier matches has been toned down, and spills provide the thrills. Theatricalism is inextricably bound up with wrestling that the imported professionals are providing for the public at present. Cochran's maxim that "The public wants a show" applies equally to the matches arranged in the Dominion as it did to the old music-hall stunts of 30 years ago.

Walker and Alley, by residing in New Zealand for some time, have done much to popularise wrestling in the Dominion. They were outstanding, but it appears that the associations are now promoting with men of their class, and for that reason the entertainment provided has improved considerably. As the wrestling is presented at present it is nothing more or less than entertainment. There appear to be no rules except a few prohibitions; nothing, for instance, to stop a man bumping and battering his opponent till he is groggy and easily pinned.

A Page for Letters from Listeners



Listener Complains of 2YA's Unpunctuality.

To the Editor,

Sir,—Surely the time has come when "the powers that be" should take steps to see that 2YA keeps within a reasonable margin of its schedule time in regard to programmes. To-night, June 19, the items are thirteen minutes behind time due to a prolonged "surprise item," and this is only one of many occasions recently when this sort of thing has happened.

In common with hundreds of the readers of your valuable paper I make a practice of looking through the daily programmes and picking out items to listen to from the various stations, but while 2YA persists in its erratic transmissions this course is impossible. I think all listeners will agree that none of the other YA stations offend in this respect to the same extent as 2YA, and the sooner something is done to stop this annoying habit the better pleased we will be.

As a reader of the "Radio Record" from its inception please accept my congratulations on the truly splendid issue just to hand.—I am, etc.,

BE PUNCTUAL.

Dunedin.

Something To Interest All The Family.

To the Editor,

Sir,—Just a line or two to let you know that I consider the "Radio Record" a hundred per cent. improved paper, which quite overshadows its increase in price. In fact, it has developed into a real home weekly, which contains something to interest all the family. Wishing your new venture all the success it deserves.—I am, etc.,

RADIOLA-ITE.

Mount Albert, Auckland.

An Appreciation—and a Criticism

To the Editor,

Sir,—While fully endorsing the praise and appreciation which "Lover of Chopin," writing in the "Radio Record" of June 16, gives to the Broadcasting Board's splendid orchestral recordings and also vocal and instrumental items by the finest artists, may I draw attention to one or two points. The lovers of only "bright" music certainly come more to the front than we do but, believe me, there is a large body of listeners which enjoys the good music given so much that it is eager for more. The classical hour is delightful, but from two to three o'clock is an inconvenient time for many to listen in. Would it not be possible to give two (or even one) classical evenings a week? I do not mean only heavy classics, but similar to many of 3YA's

Wednesday evening programmes, with, say, a symphony of Beethoven's thrown in and humorous, ukelele and such numbers thrown out.

I remember one unforgettable evening when the first movement from one of Beethoven's finest symphonies was followed by a comic song! A very "bright" programme could be given and yet be only good music—there are so many beautiful overtures and so many vocal and instrumental gems which are both bright and good. But please bar jazz with modern instruments and some humorous items on these evenings. I speak only for 3YA, as we find the static is bad from other stations.

With much appreciation for the many fine orchestral and other numbers that are given us.—I am, etc.,

LOVER OF MUSIC.

St. Martins, Christchurch.

Story of Waterloo from 3YA.

To the Editor,

Sir,—I do not know who is responsible for supplying the news from Christchurch regarding programmes, but whoever he may be he evidently forgot to mention one of the best evening's entertainments which has ever



been broadcast in the Dominion. I refer to the programme which was given by 3YA on Tuesday evening, June 20, the anniversary of the Battle of Waterloo. Mr. Curry had written a story around the last remaining English survivor, Corporal Brewster, the history which led up to Waterloo, the escape of Napoleon from Elba, how the troops flocked to his standard, and the indecision of Ney and other generals. The figure and manner of the old corporal were drawn by a master hand. The characters in the story were most ably portrayed by Messrs. Shaw, Young, Lampen, and Miss Chapple. The story was supported by some splendid musical numbers, the singing of the bass-baritone, Mr. Tennent, being greatly admired.—I am, etc.,

EROS.

Christchurch.

[Our correspondent will notice that mention is made of the performance in this issue of the "Radio Record."—Ed.]

Let Us Have A Look At The Announcers.

To the Editor,

Sir,—Allow me to congratulate you on the new issue of the "Radio Record." Incidentally, I am at a loss to understand why you need regret raising the price to fourpence, as to my mind the publication is well worth it.

The article on "Announcing" was most interesting, and it was considerably enhanced by the inclusion of remarks by Mr. Clive Drummond, not to mention the publication of his photo. In this connection, sir, might I make the suggestion that the "Record" publish the photos of all the New Zealand radio announcers with the assistant announcers. This would give the many listeners an opportunity of seeing "the man behind the mike." Hoping you will consider this suggestion,—I am, etc.,

ZENETTE.

Dunedin.

[Our correspondent will be pleased to learn that arrangements are already in hand for the publication, in the near future, of the photographs suggested in his letter.—Ed.]

"Disgusted" Calls Down More Wrath.

To the Editor,

Sir,—On perusing your column in the "Radio Record" of June 9, we were surprised on reading the letter signed "Disgusted," which refers to the series of "Ha Ha's and Ho Ho's" heard on the air from 4YA. Had "Disgusted" taken the trouble to listen for station announcements, he would have found that the said series was a very able and humorous description of a wrestling bout in progress at the Town Hall.

Evidently "Disgusted" is one of those persons with no sense of imagination, as we, who have not witnessed much wrestling, could easily picture the principals of the bout going through the various antics so ably described by the announcer. As a result, our party fully intends joining the ringside fans in the next bout.—We are, etc.,

THREE LISTENERS.

Dunedin.

THE four "Atlanta" type aircraft on the Cairo-Capetown route will be equipped with apparatus capable of telegraphy and telephony on medium and short-waves.

RADIO SNAPSHOTS.

Stalking Lions Is Great Sport

Big-Game Hunter from 1YA — Cambridge Student Who Disliked N.Z. Farm Life—Former Christchurch Minister Speaks from Sydney Station.

PIG-SHOOTING and deer-stalking in the wilds of Central Otago might sound exciting enough for the average New Zealander, but, even as a small boy, Mr. H. J. Edwards, who is speaking at present from 1YA on "Big Game Hunting," had a wistful eye on the bigger and more ferocious game that lurked in the African jungle. The South African War gave him an unexpected chance, and, throwing up an engineering apprentice's job in Invercargill, he sailed off in high glee to the land of the lion. When peace was declared Mr. Edwards journeyed from Natal to Pretoria, and, within a fortnight, had joined an exploration expedition bound for the north and expecting to be away for two years. What a glorious chance it was! And, by the time he returned to civilisation, Mr. Edwards was thoroughly conversant with the tricks of the creatures that stalk the veldt. For several more years he was engaged on engineering work in Portuguese Africa, German West Africa, and the Lake Country above the equator. Mr. Edwards returned to New Zealand some time ago.

A SEAT among the City Fathers is usually reserved for the more mellow of our citizens, but Mr. W. H. Carson, who talks from 4YA on "Famous Trials and Famous Men of Affairs," believes in starting young.



MR. W. H. CARSON.

Although he is still in his 'twenties, Mr. Carson contested a seat on the Dunedin City Council at the last municipal elections and polled well—but not quite well enough to enter the august company. Among the legal fraternity of Otago's capital Mr. Carson is a popular figure, while, during his career at the Otago University, where he took his law degree, he was actively asso-

ciated with the administrative side, eventually occupying the position of vice-president of the Students' Association.

WAITAKI's head boy for 1926, Noel Woods, has forged ahead in the last year or two, and is now history master at John McGlashan College and lecturer in modern history at Otago University. At Waitaki he was prominent in both scholastic and sporting circles, and was one of the pioneering souls who started the wireless club at the southern school. Passing on to Varsity in Dunedin he specialised in modern history, topping the classes in that subject for five years running. As editor of the "Knox Collegian" and the "University Review," he was able to cultivate his literary talent, and Mr. Woods can now point with pride to a sheaf of articles of New Zealand history—and claim the authorship. Listeners to 4YA next week will hear this clever young New Zealander speak on Te Rauparaha, the famous Maori chief.

BORN in London at the tender age of nought (his own expression), Mr. Martin Cock, whose talks on "The Romance of British Cathedrals" is interesting a large circle of 4YA listeners, seems to have poked about in many of the odd corners of this old earth. At four months he chewed large portions off a volume of Dean Stanley's "Tombs of the Kings of England" since which time archaeology and kindred subjects have been his hobbies. He went up to Cambridge, but, noticing the ease with which that university could beat Oxford (even without his services), he left and went into business as a wine merchant. Eventually New Zealand's wide open spaces called, and he became a cadet on a farm in this country. At the end of the year he left the farm with only one regret—that he had ever gone on to it. Mr. Cock suggests that the farmer probably had the same regret. For three years he did "this, that and the other person," but, for the past six months, has been living in Dunedin.

"JUST as if he has been in the room," was the verdict of Miss Blanche Thomson, of Christchurch, after she had listened-in to 2CH, Sydney, and heard her brother, the Rev. A. T. Thomson, speak from that station on a recent evening. The voice was absolutely clear and quite undisturbed by static, and the talk continued uninterruptedly for 20 minutes. Mr. Thomson was formerly in charge of St. Andrew's Presbyterian Church, near the Christchurch Hospital, and he is now the agent of the British and Foreign Bible Society, which has its headquarters in Melbourne. He had previously sent word to his sister that he would be on the air, but he could not have dreamed how perfect the reception would be.

MEET the Birthday Lady, whose face looks out from this page. She has another alias—Pandora—but her right name is Ella Brittain, and she has recently arrived from Perth (where she took her B.A. degree, incidentally)



PANDORA, OF 2ZW.

to take charge of the women's and children's session at 2ZW, Wellington. Pandora has a most attractive voice and her knowledge of the child mind has endeared her to the "small fry" in thousands of New Zealand homes. The women's session from this popular B station is in Pandora's care too, and her talks, ranging from household hints to chats on bridge, are eagerly listened to.

IN years and appearance Ray Allsopp, of Sydney, seems too young to be a pioneer. But his name, nevertheless, is writ large in the history of Australian radio. Since he was a small schoolboy Allsopp has been keen on wireless, and he was on the Argyllshire as a wireless operator when she was torpedoed during the war. Returning to Australia, he was successful in 1923 in transmitting by wireless telephone to America and England. Before broadcasting was developed on a commercial scale Allsopp established the first 2BL station (Sydney), and was the first man to relay long-distance stations to Australia. When the Government took over broadcasting Allsopp turned his attention to talking-picture equipment and radio receivers. Both sets of gear bear the same name—Raycophone—and both have been successful.

A SENTENCE of one month's imprisonment has been imposed upon a German listener who was caught deliberately oscillating during a political broadcast.



Between Items

Chestnuts — Gentle Thrusts — And One or Two Ideas

by THE IMP



DOYLESTON Wants a Kiek in Its Sunday Broadcasts," says a heading in a southern paper. Why? What has it done?

THE announcer of old 2YA Took the ferry across to Day's Bay. The Good-night Melodée He dropped in the sea— Then he'd done his good deed for the day.

A **SPEAKER** from 1YA said that the country had now definitely turned the corner. Ah, those dear old familiar corners that we seem to have been turning for the last three or four years!

★ Wouldn't it be great if we saw in these columns that a YA station in each island was coming on the air from 7 a.m. to 8 a.m. on week days?—F.M. (Timaru).

"MR. PETER DAWSON will speak on the evening before his last appearance, we hope, in Dunedin," said

Five Shillings for This Effort.

Are you the "Imp of Darkness," or, as Sam Weller would say, "Wice Wersa." I think the latter, as your page is bright and snappy. I was listening to 3YA the other evening broadcasting the well-known "Oh! Dem Golden Slippers." At the end of that item I was surprised to hear a repetition of the last two lines as a background to the announcer's voice giving the title of the next item. The explanation came when I heard 3BO, Bendigo. 3YA and 3BO had broadcast the same item at almost the same time. It was one of those instances when Christchurch had faded a little and Bendigo had come in a bit stronger.—D. M. Copland (Oamaru).

the 4YA announcer the other night. An impending apology, as Mr. Punch might say.

★ Have just received my second edition of the "Radio Record"—it's a great book—and wish I had subscribed to it long ago. I want to tell you of an amusing experience I had a while back while I was listening to KNX advertising session. The announcer had been talking for a good while, and I'd decided to look for some music. Just had my hand on the dial, when from the speaker came: "Hold your dial, lady. Take your hand off that control." Well, the Yanks are certainly

up to scratch always, but that was the best I'd ever heard.—P.C.P. (Tauranga).

A **WEEK** or two ago I was struggling with the writing of a business letter when Clive Drummond announced the presentation of a series of dance records from 2YA. "Oh, be quiet, Clive," I said aloud. "I feel like giving up writing with all this racket going on." As if in answer, Clive said: "I Don't Blame You"—the title of a fox-trot.—C.B. (Invercargill).

ON a recent Saturday afternoon before the start of the All Black-Australian match, the 4YA announcer told us that the band had just finished playing the New Zealand National Anthem. According to the score, I think something should have been played in favour of Australia, don't you?—J.A.W. (Oamaru).

★ I beg to suggest that the YA stations have a request night once a month. Listeners could have their favourite songs or records broadcast. Should prove very popular.—"Jiggs" (Whangarei).

SOME time ago I was tinkering around with my crystal (nothing having been heard for about two hours), when suddenly the ether became alive with bells, clanging, screams, crashes, and unearthly laughter. This was not sufficient, however, for a voice then introduced himself as the Devil. Of course, I had tuned in the middle of the record, "Two Black Crows in Hades." I think I am the first dixer to log Hades.—"Lone Star" (Wellington).

4ZL put over quite a novel record, on test, last Friday morning at 1 a.m. It was descriptive of sounds heard in a farmyard. The cackling of the hens was so real that I automatically reached behind the receiver to collect the eggs.—"Amazon" (Palmerston North).

LAST Wednesday, just before community sing time, Clive Drummond was heard to say: "Before passing over to the Town Hall, 'I Don't Want to Go to Bed.'" We don't blame him either, with Owen Pritchard and Frank Crowther in charge.—D. Cotter (Manakau).

★ One afternoon recently while entertaining visitors with gramophone recordings, the front door bell rang just as I started playing "Casey Taking the Census." My wife opened the door and the visitor—an enterprising insurance agent—was greeted with the following words: "Look at the face on this coming to the door; there's a face for ye—the map of Oireland." My good lady was rather embarrassed, and made matters worse with a stammered explanation: "O — ah — er — that's the gramophone."—"Dinkum" (Gisborne).

THE five-shilling prize this week goes to Mr. D. M. Copland, Weston, via Oamaru, for a paragraph on a radio coincidence. Four half-crown prizes are awarded to "Jiggs" (Whangarei), P.C.P. (Tauranga), "Dinkum" (Gisborne), and F.M. (Timaru). Would the last-named prize-winner please send in his postal address. More half-crown and five-shilling prizes will be awarded next week for bright suggestions and topical paragraphs. Who wants to be lucky?

MISS Sally Belle Cox is employed by the N.B.C. of America whenever they need the sound of a crying baby and she makes a hundred dollars a week that way. Miss Cox is twenty-five years old and learned the business when working at an orphan asylum. The orphans cried so loudly that she turned savage and imitated them, and they were delighted. She looks upon herself as an expert and can imitate the wailing of a child from one hour old to fourteen years of age.

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WELLINGTON

Day and Night Service



AUCKLAND NOTES.

Variety of Comedy from Auckland

Three Comedies, Straight and Musical, from 1YA Next Week
—Where Was Kurtz of the Famous Trio?—1ZM Com-
mended for its Sporting Action.

NEXT Thursday 1YA again offers a celebrity recital, when the noted Russian pianist, Vinogradoff, will play from the studio. In addition, Zoe Bartley Baxter presents that rarity of recent months, a one-act comedy, with the title, "Her Last Act." Just to make up for any lack in this department the Baileys on Friday are to give some scenes from Goldsmith's entertaining comedy, "She Stoops to Conquer." And finally on Saturday the second of the B.B.C. programmes (this time the musical comedy, "Postman's Knock") comes on the northern air. Those who complain that programmes are stereotyped will surely have to take it back this week. Good comedy, or drama with a dash of comedy, will surely find a warm welcome, and be a refreshing break in the ordinary run of musical programmes, however good these last may be.

IT is to be hoped that the notable variation scheduled for the coming week is to be the forerunner of a definite break with a concert platform tradition for all programmes.

1YA promises a capital selection of talks this coming week. In addition to the current W.E.A. sessions, John Harris, of the Water Lily, speaks of that Pacific gem, Rotuma, and Professor R. M. Algie, on Tuesday, will have something to say of a trip down



the rivers and rapids of Finland. The Professor, by the way, has done some mountaineering in New Zealand and he should be interesting in his run down white water in the far northern country. On Wednesday, Mr. H. J. Edwards will continue with African big-game hunts, and on Thursday "Episcopus" will give his first talk, "Under Tropical Skies." The speaker spent many years in Sumatra, Java, and the Dutch Indies, and his talk will deal with life and experiences in this interesting and not very well-known section of the tropics. Finally, on Saturday, "Old Wire Whiskers" will offer a complete change of temperature in a sea story called "Ice and Icebergs." That, plus the regular weekly talks, makes a list that will take some beating, wherever you care to tune in.

THE highlight of 1YA's programmes this week was the relay of a portion of the Spivakovsky-Kurtz Trio's concert from His Majesty's Theatre. This was a musical treat. The relay

was well done, and Culford Bell's foot-light commentary made everything intelligible. While the piano work of Jascha and the violin solos of Tossy Spivakovsky were brilliant, many listeners in the north will regret that the combination was not heard as a trio, and that the 'cellist made no appearance in the relayed portion of the programme. A sample of concerted work and a Kurtz solo would have materially enhanced the entertainment value of the broadcast.

"STROLLER," stranded at midnight in a railway station, filled in the night watches by consulting the only available literature a P.O. Directory, and told his discoveries from

of all was that there are not enough Darlings to go round, the total being but five. However, there were hardly any Flatts in the country, and but four Frights, though, as the lecturer said: "I've seen more than that in Queen Street." It all made excellent nonsense.

IN the educational sessions broadcast by 1YA each Tuesday is a deal of excellent material that must surely be appreciated by adults as well as the children for whom it is primarily intended. For instance, last Tuesday Mr. D. M. Rae spoke briefly on "Foreign Affairs"; there was a talk on the



NEW 1YA Engineers Begin Testing In Auckland Area This Week

THE engineers of the Radio Broadcasting Board, Messrs. Smith, Gibbs and Harrison, began work this week on the testing of sites for the new high power transmitter which is to be erected in the Auckland area. Tests will be made from several sites over which the Board holds options, and will be checked up by means of modern field strength measuring equipment, which will be transferred from time to time to various areas where the new Auckland transmitter is to serve.

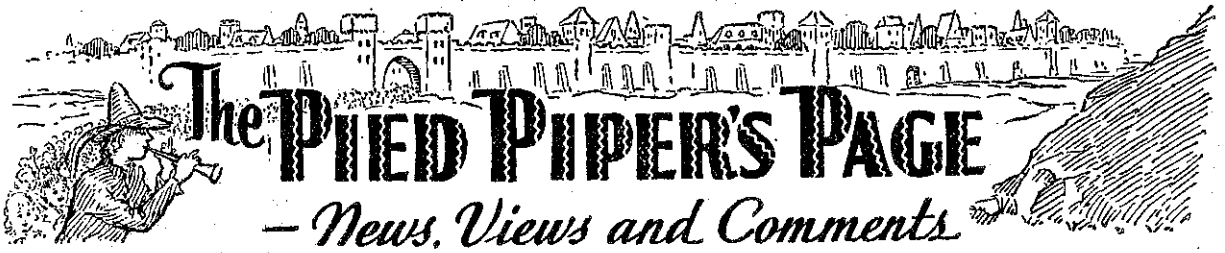
The testing programme that has been laid out means that there will be no guess work as to the coverage that the station will give—it will all be a matter of exact measurement. These tests will extend over three or four weeks, and will be conducted on frequencies of 600 and 850 kilocycles.

1YA last Saturday. In spite of the depression he found Money and Cash to the Dominion, besides some farthings and several pennies. Indeed there were very few poor in the country. Morally, too, we were above the reproach of gambling since last year there were only 8 Betts in the entire country. There were six Harps and four Angels, and a whole orchestra of musical instruments—but fortunately no Saxophones. Of Bachelors there were but two in the Dominion, so that any tax on them will not help much in balancing the Budget. The saddest fact

"Clothing of the Maori" by Miss Smith; Mr. J. W. Shaw read a simple yet dramatic playlet; Dr. H. B. Wallace told of a journey from London across Belgium to Germany, and Mr. Hollinrake presided over a bright singing lesson. Dr. Wallace spoke of the German attack on Liege forts and the final disheartened retreat of Ludendorff's army. He added interest to this last by the statement that he himself had seen it as a prisoner of war confined by the Germans in one of those same Liege forts. The whole session was worth while.

SPORTING broadcasts in the past week included relays of trotting, wrestling and football, so that patrons had good measure in this respect. The Walker-Patterson bout was particularly well done by Gordon Hutter for 1YA and it will not be surprising if appreciative letters come from both north and south. It was a pleasure, too, to hear "Bill" Hindman back on the air for 1ZR with a bright description of the League games at Carlaw Park. By the way, the absence of 1ZR enabled 1ZM, Manurewa, to break its usual programmes to relay "Scrim's" Sunday service. That this action was appreciated by the host of folk who regard "Scrim" with his friendly talks, as one of the outstanding radio personalities of the Dominion, was shown by the sheaf of letters of thanks that came to the suburban station.

THE celebration of the tenth anniversary of Czechoslovakian broadcasting was deferred for a month to coincide with the opening of the new "Broadcasting House."



The PIED PIPER'S PAGE

— News, Views and Comments —

Looking Forward

1YA

- July 5: Speech by his Excellency the Governor-General (7.30 p.m.).
 July 6: Paul Vinogradoff, Russian pianist.
 July 8: B.B.C. Programme—Musical Comedy, "Postman's Knock."
 July 22: B.B.C. Programme—"My Adventure at Chislehurst," a recital by A. J. Alan.

2YA

- July 1: B.B.C. Programme—"Postman's Knock," a musical comedy.
 July 4: "Uncle Sam's Music"—Lecture recital by Mr. Karl Atkinson.
 July 8: B.B.C. Recorded Programme, "My Adventure at Chislehurst," a recital by A. J. Alan.
 July 9 and 16: Grand Opera, "Carmen."
 July 15: B.B.C. Recorded Vaudeville Programme.
 July 23: B.B.C. Recorded Scottish National Programme.
 August 1: B.B.C. Programme—"Nuts and Wine."
 August 6: B.B.C. Recorded Programme—"Ellen Vannin Through the Ages."
 August 12: B.B.C. Programme—"Songs from the Shows."
 August 22: B.B.C. Programme—"Worlds Away."

3YA

- July 8: Old Time Dance Programme (9.4 p.m.—1.30 a.m.).
 July 16: B.B.C. Play, "Sir Christopher Wren."
 July 22: B.B.C. Programme—"Postman's Knock," a musical comedy.
 August 2: Combined Orphanages' Concert.

4YA

- July 16: B.B.C. Play, "Sir Christopher Wren."

THE programmes for Monday, July 3, are all interesting and provide entertainment for practically every class of listener. Owing to the fact that the wrestling has been forward to Saturday evening (July 1), 1YA will present a bright and varied miscellaneous programme. Incidentally the published programme for Saturday, July 1, will not now hold good, and intending listeners to 1YA on Saturday should consult the amended programme published on the inside cover of this issue. From 2YA a very interesting programme is promised. In the first half Madame Margaret Mercer (contralto) will be the "star" artist. The second portion of 2YA's programme will consist of "One Hour With Grieg"—a representative selection of works from the pen of the great Norwegian composer; the 90th anniversary

of whose birth occurred on Thursday, June 15. A feature not to be missed in this programme will be the performance by M. Paul Vinogradoff, the eminent Russian pianist, with the Concert Orchestra, of Grieg's Piano-forte Concerto. This is delightful music—full of melody—and will appeal to all types of listener. Instead of the usual band programme from 3YA listeners are to hear the Woolston No. 1 Brass Quartet in two numbers and the Scottish Pipe Band Quartet in four groups of well-known bagpipe airs. The supporting artists are Miss Addie Campbell (soprano) and Mr. R. S. H. Buchanan (bass). 4YA's programme of recordings is light and popular in content, with no number calling for special comment.

A REVIEW of Tuesday's programmes suggests that the best radio fare will be from 2YA from 9 o'clock onward, when Mr. Karl Atkinson will describe the music of "Uncle



Sam" to commemorate the fact that July 4 is Independence Day. The attraction from 3YA on this evening will be the items by Bob Bradford and his Radio Sextette. Bob Bradford's Dance Band is already widely known, but this sextette, a combination of six picked instrumentalists, should provide a bright and popular programme pleasing to all. 1YA schedules a mixed programme of recordings and 4YA offers a varied programme during which the New Zealand champion cornet player, Mr. George Christie, will be heard in three attractive cornet solos.

2YA and 4YA, the latter relaying to 3YA, offer the best choice of programmes for Wednesday. From 2YA listeners will hear a sparkling recorded programme, including an hour of theatre artists in London shows of the present, and last, year. 4YA schedules a quality programme, opening with a really magnificent recording by the new B.B.C. Symphony Orchestra of the first movement of Beethoven's

Eighth Symphony. This is classical entertainment of the highest possible order and should on no account be missed by listeners who appreciate the best in music. Other outstanding features of 4YA's programme are the pianoforte solos to be played by Helmuth Hoffmann, one of the finest pianists in the Dominion, and the recorded recital by John Drinkwater, who recites some of his delightful poems. On second thoughts I am inclined to give the palm for this evening to 4YA. 1YA's programme by the Watersiders' Band and Miss Reta MacCullay (soprano) is of average quality.

THURSDAY'S programmes contain several outstanding features from 1YA, 2YA and 4YA. Paul Vinogradoff, the eminent Russian pianist, will be heard in two recitals from 1YA, playing numbers which should electrify listeners by their brilliance. On the same programme Mrs. Zoe Bartley Baxter's Players will present the radio playlet, "Her Last Act." Listeners to 2YA will be invited to join Mr. Will McKeon and company in a visit to the London Coliseum, the radio fare comprising a recorded entertainment by a number of internationally known artists. 3YA presents a well-varied selection of recordings, including the re-recording of Caruso's interpretation of "On With the Motley." From 4YA the Radio Players will present a dramatic nautical episode, "The Signal," produced by Major F. H. Lampen. This is a fine microphone play and should hold the attention of all listeners.

ON paper 4YA appears to offer the best evening's entertainment on Friday—a well-varied programme with plenty of life and sparkle in it. Headliners include the Symposians in popular concerted vocal numbers, an instrumental octet in bright popular selections, humorous sketches by Miss E. M. Holland, and baritone solos by Reg. Tapley. From 1YA at 9.22 The Baileys will present a sketch adapted from "She Stoops to Conquer." If you haven't already made the acquaintance of those delightful characters, the Hardcastles, Tony Lumpkin and Young Marlow, tune in to 1YA at 9.22 and meet them. Another feature in the Auckland programme will be a recorded "thriller" of a gruesome, hair-raising nature, entitled "The Living Death." This is certificate A—adults only—and should be avoided by those who suffer from nerves. The usual Friday evening fare—orchestra and recordings—is scheduled for 2YA. Christchurch presents a well-varied programme of average quality.

THE North Island stations will almost certainly attract the majority of listeners on Saturday evening. Tune in to 1YA at 8 o'clock and you will

hear that sparkling B.B.C. musical comedy, "Postman's Knock"—recorded in the B.B.C. studios by leading English comedy artists. This will keep you chuckling till 9 p.m., when the dial should be turned to 2YA to enable you to hear a real "thriller"—a mystery murder drama—"My Adventures at Chislehurst," narrated by one of England's foremost radio entertainers, Mr. A. J. Alan. This also is a B.B.C. recorded programme—the third to be presented in the Dominion. There is always a demand for old-time music, and 3YA, in addition to providing an hour's entertainment with old-time songs, has arranged an attractive old-time dance session which will continue until approximately 11.30 p.m. Lovers of old-time dancing would be wise to take advantage of this programme to hold a function at their homes. The master of ceremonies engaged at 3YA will be able to direct them in the figures of the Lancers and the Alberts. Miss Julie Russell (soprano) and the New Lyric Quartet will be heard in the vocal numbers, and appropriate instruments have been added to the Salon Orchestra, which is to provide the old-time dance portion of the programme. This programme will be relayed by 4YA.

THE after-church concerts on Sunday cover a wide range of entertainment. A miscellaneous programme from 1YA includes tenor solos by Mr. Reg. Morgan and the presentation of the recorded radio play, "All's Well." 2YA presents a recorded programme, a feature being the presentation, at approximately nine o'clock, of the recorded version of the first and second acts of the grand opera, "Carmen." This is something not to be missed if you appreciate grand opera presented by a world-famed company. The southern stations will be linked in a broadcast of the organ recital in the Dunedin Town Hall by Dr. V. E. Galway, City Organist, and assisting artists.

AS usual the talks for the week cover a wide range of topics, ranging from scientific matters to a talk on "Bridge," which some earnest souls may consider to be also in the scientific class. 2YA at 8.40 p.m. on Monday will present a recorded talk, "Chemical Messages or the Wireless of the Body," and from 4YA at 9.2 p.m. Mr. W. G. McClymont will speak on "The French Colonial Empire."

LISTENERS can choose from eight talks on Tuesday evening. A travel talk which should prove of considerable interest is scheduled by 1YA at 9.2 p.m., when Professor R. M. Algie will speak on "Down the River Rapids in Finland." From 2YA at 8.40 p.m. Mr. E. W. Ackland is sure to be entertaining in his "Travellers' Tales." A fresh instalment of his series of talks on "British Cathedrals" will be given by Mr. Martin F. Cock from 4YA at 9.2 p.m., and should make a wide appeal to listeners.

THE talk on "Overseas Affairs" will be given by Dr. Guy H. Scholefield, O.B.E., from 2YA at 8.40 p.m. on Wednesday, and at 9.2 p.m. from 1YA Mr. H. J. Edwards will narrate some thrilling experiences when big game hunting in Africa. His Excellency the Governor-General will be speaking at the opening of the Auckland Winter

Exhibition at 7.30 p.m., and this speech will be relayed by 1YA.

A NEW speaker is scheduled for 1YA at 9.2 p.m. on Thursday—"Episcopus," whose talk is entitled "Under

MODEL PROGRAMMES

First of Competition Series Closes On July 8.

READERS are reminded that entries for the first of the series of competitions, calling for model programmes for broadcasting, will close with the editor of the "Radio Record," Wellington, on Saturday, July 8, and that the subsequent competitions will close at fortnightly intervals. The first type of programme which listeners are called upon to prepare is a miscellaneous programme.

The remaining types of programme in the series, with the closing dates of entries, are as follows:—A Vaudeville programme (July 22); a musical comedy programme (Aug. 5); a miscellaneous classical programme (Aug. 19); an operatic classical programme (Sept. 2); an orchestral and instrumental classical programme (Sept. 16); a recital programme by individual artists, not exceeding four in number (Sept. 30); a "theme" programme, i.e., a story, or recital, with appropriate musical numbers interspersed (Oct. 14); a one-hour dance programme (old or modern), (Oct. 28); a one-hour children's session (Nov. 11).

With the exception of the dance and children's sessions, the programmes submitted should occupy approximately two hours in performance. As a guide to competitors submitting programmes of recordings, the approximate playing time of a record is as follows: 10-inch record, 3 minutes (per side); 12-inch, 4 minutes (per side).

The above times may vary within one minute, but spread over a whole programme, it will be found that the timing is fairly accurate—and near enough for all practical purposes.

Competent judges will adjudicate upon the various programmes, and the winning programmes will be published with the judges' comments.

For further details of these competitions, readers are referred to last week's "Radio Record" (p. 9).

Tropic Skies." From 4YA Mr. A. H. Williams, M.A., will speak at 9.2 p.m. on that fascinating literary giant, "Victor Hugo." A sporting talk is scheduled for 3YA at 9.2 p.m., when Mr. J. T. Burrows, M.A., will speak on "The Greatness of Ancient Greece and Rome in Sport."

BRIDGE enthusiasts will no doubt make a point of listening to Mrs. A. L. Long's talk on "Bridge" from

2YA at 7.40 p.m. on Friday. Speaking from 4YA at 7.30 p.m. Dr. W. B. Benham will present a lecture on "Some New Zealand Birds," and at 9.2 p.m. from the same station a talk of decided interest should be "Te Rauparaha," by Mr. N. S. Woods, M.A.

"OLD Wire Whiskers" will have a large listening audience at 9.2 p.m., when he discourses from 1YA on Saturday on "Ice and Icebergs: With the 'Alice' in the Ice." Dr. A. D. Carbery will give the evening talk from 2YA, adding his contribution to the symposium "The Attributes Essential to Success in Life."

ALTOGETHER thirty-two talks are scheduled from the four stations for the week—July 3 to July 8—so that listeners will have no difficulty in finding entertainment and instruction from this department of the broadcasting service. Details of speakers and the titles of their talks are published in the "Star Items of the Week" on another page of this issue.

AT the risk of bringing down upon my head the wrath of the dancing fraternity, I boldly assert that dance music is becoming worse instead of better. Occasionally a melodious number finds its way on to the records, but generally speaking the standard is low. I have no fault to find with the playing, or the recording. On the contrary, I am frequently amazed at the ingenious way in which fragments from the classics are interpolated, and by the really clever orchestration of the arrangers. But the fact remains that melody is more often than not a minus quantity, and it is only by the skill of the orchestral arrangers that this paucity of musical ideas is concealed. For the most part, too, the "themes" of these modern dance numbers are either vulgar, or sentimental slops. There are many who will no doubt challenge this assertion, but here is "vocal refrain" from a pile of recent issues which I have just waded through. It is typical of the type of "vocal refrain" in the average monthly issue of dance recordings:—

*I'm young and healthy,
And you got charms,
It would really be a sin
Not to have you in my arms.*

*I'm young and healthy,
And so are you,
When the moon is in the sky,
Tell me what am I to do.*

*If I could hate yer,
I'd keep away,
But that's not my nature,
I'm full of Vitamin A.*

*Oh! I'm young and healthy,
So let's be bold,
In a year or two, or three,
Maybe we will be too old.*

THE writer of the above effusion may be young and healthy, but his verse, and grammar, suggest senile decay. No doubt there are many who will disagree with my condemnation. I shall be pleased to receive their views, and will summarise them for the benefit of listeners.

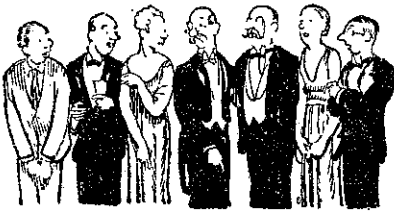
IT is expected Cardiff listeners generally will receive stronger signals from the new Watchett station, than from their local transmitter.

SOUTHERN STATIONS.

Are Sunday Broadcasts Dull?

Christchurch Likes Increased Hours, But Wants Brighter Music—Peter Dawson Chats Over 3YA—Woolston Band Popular on Radio.

THE extra hours that have been given to listeners on Sundays from YA stations have been greatly appreciated, but judging by the class of record put on last Sunday, it was only an extension of the usual Sunday performance. What is wanted is a



good sprinkling of lighter records. Surely because it is the Sabbath day, it is not necessary to have all one type of record. There would be no desecration of Sunday in putting over a little brighter music occasionally.

MISS PHYLLIS HOLLOW, M.A., in her talk on "Impressions of London," dealt especially with the means of transport. She spoke of the railway stations, the tubes, and the buses, the various parks and open spaces, the markets, such as Smithfield, Covent Garden, and Billingsgate

MANY listeners are wondering when 3YA is going to have the opportunity of broadcasting a B.B.C. programme without having it previously recorded at another YA station. Up to the present the North Island has had a full share of these programmes. 3YA has to be content with what is sent—and when. There is no apparent reason why the northerners should be given preference over the southerners.

3YA has arranged some interesting concerts for next week. An enjoyable evening should be spent on Monday, when the Woolston Band quartet will play some "select" music, and also a quartet from the Scottish band will play Scottish airs. These should provide a pleasant change. Bob Bradford's Radio Sextette can be depended on to "send over" the air tunes that will find popular favour. Among the singers will be Julie Russell and the Rev. L. North, two very accomplished artists.

A PECULIAR effect has been noticed on the private line connecting one of the Christchurch Drainage Board's automatic pumping stations with the central station. Whenever this station is dialed 3YA is clearly heard, although the lines do not run near the transmitting station. Will the Drainage Board be compelled to take out a receiving license?

A HIGH standard of excellence characterised the programmes

from 3YA last week, the most notable events being the talk by Mr. Peter Dawson, and a special presentation of "Waterloo" from Conan Doyle's play of the same name. The presentation of this event was a first-class one in every way, good singing, including solos and quartettes, coming over the air clearly and distinctly. A feature of the programme was the splendid music chosen for it, all of the items being most applicable. The parts were taken by Miss Kathleen Chapple, and Messrs. Allan Young, Harold Shaw,

OTAGO'S HISTORY

Series of Informative Talks From 4YA.

A series of talks: "Landmarks in Otago History," will be given from 4YA in the near future. The speaker will be Mr. J. T. Paul, an old resident of Dunedin and a prominent figure in the southern newspaper world. The following is the list:—

First Series—

- (a) "Before the Settlers Came."
- (b) "The Coming of the Ships."
- (c) "Building a City and Settling a Province."

Second Series—

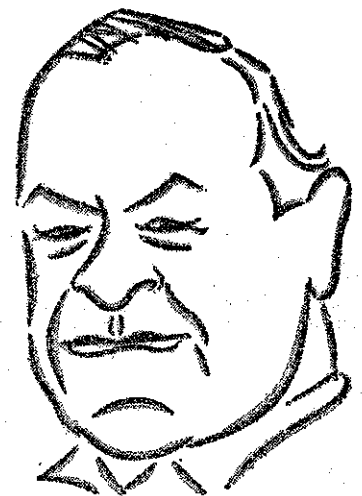
- (a) "The Discovery of Gold."
- (b) "The Development of Civic Government and the Abolition of Provincial Government."
- (c) "After Many Years."

and Major F. H. Lampen. Mr. N. G. Goffin played "The Last Post." Too much praise cannot be bestowed on Mr. A. L. Curry, the 3YA announcer, who so ably arranged the music. The whole performance was a "feather in the cap" of 3YA.

THE performance of the Woolston Band last Monday was well received, fine renderings of Elgar's majestic "Pomp and Circumstance" and Luigi's "Ballet Egyptienne" being recorded. This band has always given its services to any charitable object, and a movement is on foot for raising money to send New Zealand's champion band to compete at some of the big contests, especially the one to be held in Melbourne. There should be no difficulty, if all the bands co-operate, in raising the desired amount of £1000. Woolston Band has been a consistent performer over the air for about five years.

LIGHTNING arresters are one of the worst offenders in preventing long-distance reception, as the following story will show. A Christchurch listener, finding that at times he was unable to get any stations other than the local, took the machine to the agents, who overhauled it and fitted a new set of valves. The machine proving no better he returned it for a further overhaul, without any improvement. The machine was then taken to a competent service firm, who announced that the set was in perfect order and not in need of any adjustment. The listener then took the machine to a third firm, which agreed with the second, but stated that the aerial or ground system was probably at fault. A man was sent up, and, as suspected, found the aerial with a poorly made joint in the lead-in, and a broken lightning arrester which was shorting the aerial to earth at times. When these faults were attended to the set functioned satisfactorily.

MR. PETER DAWSON gave a great delight to many listeners when he spoke over the air from 3YA last week. Mr. Dawson and his popular manager, Mr. Jack Griffiths, spent a week of interesting trips around Canterbury,



PETER DAWSON, seen by a caricaturist.

being taken on these journeys by Mr. W. Toomey, a regular singer at 3YA. The famous baritone said that he had had a wonderful time in Christchurch. The trees reminded him of the Old Country, and the weather had been wonderful. He gave details of a trip to Akaroa, and of many interesting personages he met on the way. Speaking of Dick Arnst, whom he met at Tai-Tapu, he said he saw the champion world sculler row on the Thames when he defeated Barry. "The look of determination on Dick's face that day I will never forget," he said.

Radio Overseas

Interesting Facts From Commission's Report

The report of Mr. Justice Owen, the Royal Commissioner who investigated the copyright position in Australia, deals at length with broadcasting in Australia and traverses in detail the claims made by the associated gramophone record manufacturers. Broadcasting in Australia, the report states, apparently differs from that in all other countries.

In Australia there are national (and non-profit earning) stations operating side by side with forty-six "B" Class stations which are carried on for profit, each class supplemental to and necessary to the other. In New Zealand all the important stations are national, and the profit-making stations are few in number.

Evidence given before the Commission established that unless broadcasting stations can use the musical works controlled by the Australasian Performing Rights Association they cannot now, or for some time to come, successfully and efficiently maintain a national service. The same applies, though to a less extent, to the records made by the record manufacturing companies, if the present policy is maintained of obtaining records on the Australian market.

About June, 1932, the A.P.R.A. offered to grant to the Australian Broadcasting Commission a license for the use of copyright works controlled by the Association at the following rates:—

- (a) 2/4d per item per main station on a basis of 350,000 listeners, and
- (b) 4d per item per main station for each additional 10,000 licensed listeners.

This offer was refused by the Broadcasting Commission and up to the time the report was presented no agreement had been arrived at. The Association claimed that a "relay" must be treated as a separate performance.

For 1931 the average charge made to the Australian Broadcasting Company (a profit-making company which controlled the "A" stations in Australia until July 1, 1932) was equivalent to 2/5.352d per item. In that year the Company paid £30,190 for 296,850 performances (of which 49,992 were not claimed as copyright). In other words the Australian Association was paid for 246,858 performances at an average rate of 2/5.352d per item. The evidence before the Commission showed:—

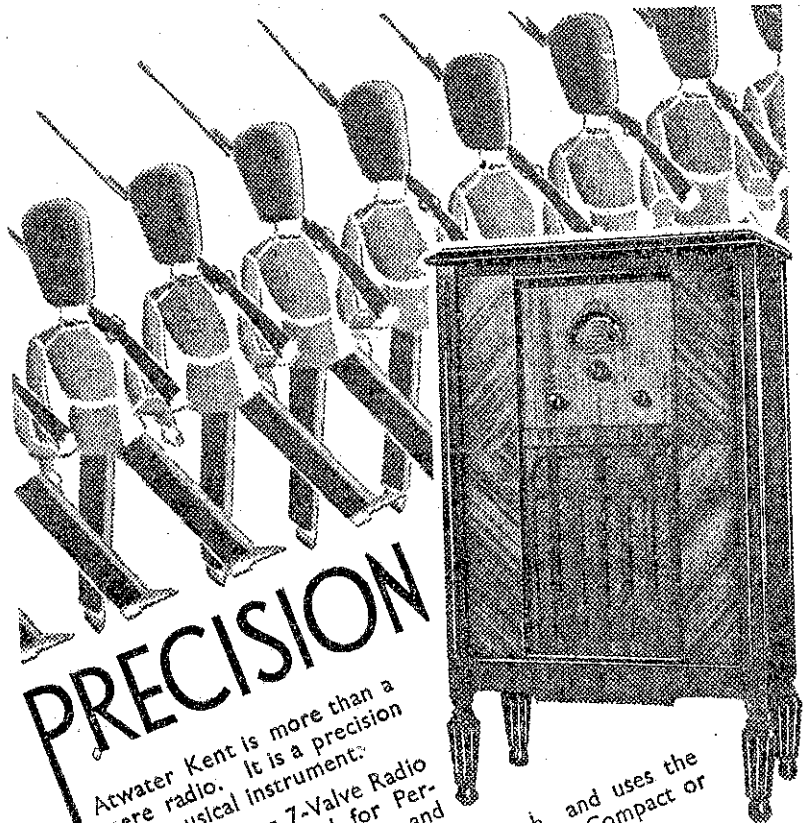
- (a) The British Broadcasting Commission pays (on a basis of 4,526,075 licences) about £63,500 a year for the whole repertoire controlled by the Performing Right Society.
- (b) In Germany (on a basis of 3,980,840 licences) the Broadcasting Board of Control would have a revenue of £2,805,879 at par on sterling. The Copyright Associations receive 3½ per cent. without any restriction as to the numbers of musical items used, representing £98,205 per annum.
- (c) In Austria the Broadcasting Authority pays 3½ per cent. of the revenue from licences (cal-

culated on 476,000 licences). The amount paid is equivalent to £11,245.

- (d) In Poland, where some 300,000 licences are in existence, the Broadcasting Authority pays to the Copyright Society 3 per cent. of its revenue from licences with a minimum of about £3,200 a year. The amount paid to the Society is about £7,425.
- (e) In the United States of America the amounts payable under the agreement recently made with the American performing Right Society are roughly £300,000 for 1933, £400,000 for 1934, and £500,000 for 1935.

- (f) In New Zealand the Broadcasting Board, if it were to continue to pay at the rate previously paid by the Broadcasting Company which controlled the "A" stations, would pay £5,250 per annum, and the Australasian Performing Right Association's claims, if made applicable to New Zealand, would amount to £11,365.

The information as to the Continental countries was obtained by the late Mr. H. P. Williams from the Union Internationale de Radio Diffusion, Geneva, said to be the highest authority from which such information can be obtained.



PRECISION

Atwater Kent is more than a mere radio. It is a precision built musical instrument:

Model 627 is a 7-Valve Radio that is unsurpassed for Performance, Tonal Quality and Value. Has Automatic Volume Control, Long Distance Switch, and uses the latest types of Valves—with a choice of Compact or Console type.

Tone which is Musically Perfect! Reproduction which is true to life, and with years of Dependability! No Radio of the past can compare with it — No Radio of to-day can match it.

ATWATER

Your nearest Atwater Kent Dealer will gladly demonstrate, or write to—

N.Z. Distributors: C. & A. ODLIN & CO. LTD., Wellington.

KENT
Radio

model 627

STATIC by "SPARK."

"Mary Pratt Must Be Sent Home"

Peter Dawson Says Press or Government Should Do All It Can for Talented Dunedin Singer — Brightly-told Tales of Antiope's Voyages.

PETER DAWSON, in reminiscent mood and in good form, made a capital surprise item for 4YA. Listeners shared his regret that the bother made over his singing at 3YA precluded his repeating the offence at 4YA. Mr Dawson paid a great tribute to Mr Ernest Drake and Mr. Alfred Wainmsley for the good work they had done for music, and Mr. Bob Horne, of Christchurch, wasn't forgotten either. Mr Dawson said he thought the Press and even the Government should make efforts to have Miss Mary Pratt sent abroad for training and expressed a belief that if only a mercenary view were taken of the matter, the advertisement for New Zealand would be worth more than can be estimated. Mr. Robert Stevenson, whom Mr. Dawson introduced, has as rich a voice as any I have heard in the Dominion, and I hope to hear more from him in the near future.

WHEN Peter Dawson consented to sing a song after his talk at 3YA the question of music then arose. I understand that upon "Mountains o' Mourne" being suggested Mr. Matt. Dixon, the station pianist, informed Mr. Dawson that he didn't happen to know the song, but if Mr. Dawson would just hum it over an accompaniment would be improvised. It was a jolly good accompaniment too. Mr. Dixon has had plenty of smoke concert experience, and had Mr. Dawson liked he could have changed his key (as is sometimes done at smokes when the kegs are running at low tide), and Matt. would have been with him in some clever modulations.

THE two erstwhile master mariners were entertaining when speaking of sailor customs and superstitions, and added interest was given by explanations of the initial meaning of phrases in common usage, that had their origin on board ship. In this dialogue of unusual form, where t'other merely butted in, some emphasis was given to the fact that years ago British shipowners paid sailors only £3 per month, and mention was omitted that foreign shipowners paid less.

COLONIAL shipowners could, of course, be more generous. The enhanced emoluments did not come from their pockets—posterity was presented with the bill! There are many, many thousands going to sea to-day and competing with the harassed British shipowner, who receive much less than three English sovereigns every month. It was very interesting to hear that included in the weekly menu was Harriet Lane. There surely must be a story about the lady. I wonder who she was?

ON resuming his narrative of the Antiope's passage from Suva to Great Britain, Mr. F. M. Renner recalled how dreary the food became af-

ter a few weeks out and the storeroom was depleted of such common articles as potatoes. The boys held the efficient sailor in great esteem, but their idol was ever the lad who could retrieve delicacies from the galley that were intended for the cabin. Hungry boys aboard a windjammer soon de-

SOLDIERS' HOUR

Reviving Old Spirit at 2ZW, Wellington

ON each Monday evening, from 2ZW, Wellington, a Soldiers' Hour is now broadcast, the presiding genius being Captain Leo. The idea is to entertain returned soldiers and their dependants with a variety programme which will help to revive the spirit of comradeship which belongs to the soldier community.

"The spirit is still there," said Captain Leo to a "Radio Record" representative, "although times have changed. I saw the same grim forbearance among the men as they waited to receive their ration tickets as I saw when they were waiting for their orders to 'go over the top.'"

"The other night we broadcast the story of a dog, Floss, a regimental mascot, now 18 years old, totally blind and waiting to be destroyed. Subscriptions have poured in since for the preservation of Floss in a show-case at the R.S.A. headquarters.

"There has been some criticism of our move in inaugurating this session, but, on the whole, the idea has been warmly received. We are now starting a series of talks on New Zealand's V.C. heroes."

wise ways and means of purloining food, and the new apprentice learned another nautical art before Cape Stiff was rounded.

AFTER clearing the Falklands the old ship did some fine sailing. She had been contending with a head wind and a northerly swell when a southerly came up. This drove her into a heavy sea, and the water came aboard green. About five o'clock one of the boys was on the fo'castle head when she shipped a heavy one, tons of water that rushed aft in a wall of foam. "Man overboard," yelled the mate, rushing to the wheel, but the "old man" took one quick glance at the sea, quietly ordered, "Keep her as she goes, we can do nothing." The boy was not gone, however, for he was found when the water cleared away, lying

MR. RENNER told of experiences with water spouts, of the ship's cat that caught flying fish in the air so that it wouldn't get its feet wet, of the Indian who, for no known reason, said good-bye to the captain and jumped overboard, and of the meeting in the English Channel with H.M.S. New Zealand, a vessel that had been in Suva with them. To the disappointment of all the boys, orders were received off Dungeness to proceed to Rotterdam, which was "fetched" in 102 days out from Suva. The old Antiope no longer snails the seas, but to-day lies a store hulk in Beira, Portuguese East Africa.

IN his weekly talk on "World Affairs," Dr. Guy H. Scholefield spoke of the concern of Western nations in the trade competition of the East. Easy transport means have made this a problem that defies solution by orthodox economic methods. In the case of Japan modernisation was a deliberate state policy, compelled by necessity, and encouraged by our forefathers, and we are now faced with the problem. Japan, with her dense population, must expand or the people must starve.

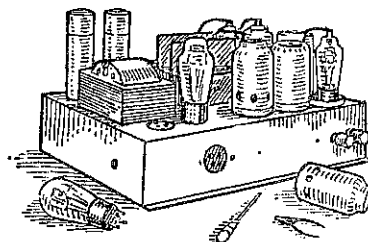
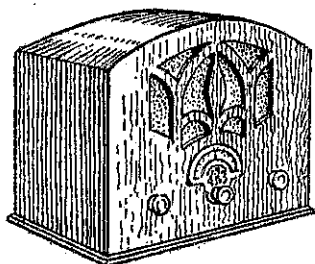
IT has recently been claimed that Japan is the most efficient nation in history. No people were ever more patriotic or willing to make sacrifices for the good of their country. The acquisition of Korea, where the surplus educated were able to find Government jobs, stemmed the tide of aggression for a generation, and the conquest of Manchuria may hold off the day when Japan will make a challenge to the rest of the nations confronting the Pacific. If the Occidental doesn't decline all of a sudden, the next generation is going to see a bigger war than the Great War.

SOME interesting information was given by Mr. W. B. Oliver respecting changes that can be made in the constitution of the native forest by introduced browsing animals. The New Zealand bush is unique, and many of the types of flora are relics of the age when the country had a land connection with the Malay Archipelago, and before animals made it their habitat. By ring-barking of standing trees, by consumption of seedlings, and by trampling of the forest floor, certain species are threatened with total disappearance.

CAPTAIN LEO, of 2ZW, Wellington, launched his puzzles and word-building competitions at the same time that he asked the children of Radio Land to send along a penny a week towards the Mayor's Fund. The response has been rather remarkable, and the children have written some beautiful letters denoting their willingness to participate.

AROUND AND BEHIND

THE DIALS



A Section for
the DXer, Short-wave Listener and Home Constructor
Conducted by The Technical Editor

Answers to Correspondent

"Digger" (Hamilton): It would greatly lighten the task of judging if you submitted your entry as requested.

Address Wanted

Has any member the address of KMOA?—141MC (Lyttelton).

Identification Wanted

Station operating on 1265 k.c., heard between 3.30 and 4.0 p.m. on June 22. A man was speaking in a foreign language, with items by a band at intervals. No call sign was heard. Speaker sounded as though he was giving a running description of a race or some other sporting event.—"Puzzled" (Okaraimo).

On Thursday, June 8, a station was heard at good volume behind 1YA, giving the call XKR, and asking for reports to be sent to Los Angeles, California. Station was on till 8 p.m., our time. Information was received that this was RXKR, s.s. City of Panama, cruising in the Pacific, but whether this is so or not I could not say. Did any other dxer hear this station?—2HQ (Timaru).

[Yes—"Bulova" did. See "DX Topics" Ed.]

Stations Identified

G.M.S. heard station XGOA; 141MC heard XER; and J.M. probably heard WTAM (or 2KY).—"Bulova" (Timaru).

J.M. (Hamilton).—WTAM, or 2KY, Sydney. 141 M.C. (Lyttelton), XER-XEF changing over. I have heard XEF close down at 10 p.m., saying, "Stand by for our sister station XER." G.M.S. (Temuka), XGOA, Nanking, China. "Omsk" (Whakatane), the station on 1270 k.c. you refer to as LR9 is LS9.—4HQ (Gisborne).

DX Topics

Dx Conditions Improving.

CONDITIONS in this locality are now on the mend, and all stations are once more up to standard. On

DX CLUB News and Views

HJN, Bogota, Verified — XER
Ceases All-Night Programmes —
Extracts from American Verifications — DX Conditions Improving — S.S. "City of Panama"
Heard by Two Dxers — WICC
Wants Reports.

June 19, I overslept the time for logging VK's, but switched on just before 3 a.m., when all Eastern stations were coming in well. KZRM and HSP1 were excellent, and VUC, Bombay, was fair. Several strangers were also heard—one on 900 k.c., which I think was XILY, Mukden. A Chinese station on approx. 1035 k.c. was also heard, but no call was given. During the past fortnight, I have received the following verifications:—Trieste, Italy (and also a fine photograph of the aerial array); Moscow Stalia, who sent lists of books on "Life of a Soviet

Sailor" (the writer also remarked that he was passing my name and address on to the editor of "Moscow Daily News"). YVIBC sent a descriptive booklet; WSAI, a letter; KFSG, a letter and Ekko stamp; KFAB, a letter; WCOA, letter and Ekko stamp; WMAQ, letter; WCAU, a card with a picture of station; WLS, a letter and Ekko stamp; KOMA, card; WBAL, pamphlet; KVOR, a card; WDAE, letter and schedule; WREN, letter, with map of locality on the back; WHAM, card; CFRB, letter; WHAS, second Ekko stamp; WRC, letter; JOPK and JOJK, photos of aeriols. I have heard 26 countries, including New Zealand. Can any other dxer beat this?—"Digger" (Hamilton).

New Loggings.

RECEPTION here of American stations has fallen off, although the following have been logged this week:—WFAA, WCAU, WHAS, WLS, WKY, WBSO, WJSV, WTAQ, KGMB, WOWO, and WFBL. Verifications have been received this month from KMTR, KWG, KJR, WOC-WHO, WWVA, KVI, KGGM, and from 2UE, 2KY, and 2SM for daylight reception. At 4.15 p.m. on June 21, KFI, WABC, WJW, WOC, KMOX, and KSL were heard at good strength on an indoor aerial. Australians coming in best at 3.30 p.m. are 2FC, 2BL, 2GB, and 2CH.—"Benzatzky" (Wanganui).

Reports to 2ZM.

I HAVE forwarded a number of verifications to dxers who have reported to station 2ZM, Gisborne. Several of these reports were received at a time when Mr. Stevens was very busy or away on business. The letters had been placed aside, and consequently inadvertently mislaid. I have undertaken to answer reports, and will keep the dx correspondence up to date as far as possible.—L. Illingworth (DX4HQ), District President.

Latest Loggings.

IN a verification, WOWO states that they have received a number of reports on their transmission of the Columbia "Beer Parade." WNBX inform me that I won a special prize for the greatest distance report on their special programme, broadcast in March. Latest loggings are WLBW, VK's 3CY, 3PY and 5WB. VUB, Bombay, has also been reported to for the fourth time. The following Americans have been re-

DX Competitions.

Chain Stations Count.

Several dxers have drawn our attention to the fact that in the conditions governing the DX Competitions, published last week, it was stated that verifications from stations on chain programmes do not count. Our correspondents have pointed out that this is contrary to an amendment published in the June "Radio Times," which states that verifications from chain stations DO count as separate verifications. This ruling is, of course, the correct one.

Branch Club Meeting

Poverty Bay Branch.

The monthly meeting of the above branch will be held on July 5, at 7.30 p.m., in the club room at St. Andrew's Sunday School Buildings, Cobden Street. All interested in dxing, whether club members or not, are invited to be present.

CHAS. WEBSTER (25HB.),

District Secretary.

ceived at good strength lately. KDYL, KTBS, WCKY, KPRC, WFIW, KMPC, KTFI, KFOX, KOH, KOMO, KGMB, KFAC, and WLAC. Welcome back to another old-timer, B.W. (Stratford). With notes by "Amazon," "Bulova," "N.J." and "B.W." in the "Radio Record," the DX pages seem to be like old times again.—IHQ (Invercargill).

WICC Wants Reports.

STATION WICC, in verifying, stated that they would like more reports from New Zealand dxers, and asked me to convey greetings to the N.Z. DX Club. DX conditions have been very variable lately, and though quite a number of new stations have been logged, DX has been almost impossible on many nights. Australian stations have been coming in with wonderful volume. N. Jenkins (Masterton): Did you ever think of trying for LR3, Buenos Aires, on 950 k.c., power 7.5 k.w.? Try them —2HQ (Timaru).

RXCOR Heard.

RECEPTION is still variable here. Sunday, June 18, was a fairly good night, and I succeeded in logging several new stations. RXCOR, Panama City, on 815 k.c., was coming in very well, although hetrodynd by another station on the same wave-length. LV7, Tucuman, was also heard faintly on 826 k.c., but KOA made identification very difficult. The only recent verification is from HJN, Bogota, 690 k.c. (44! m.), 2 k.w. Schedule: Noon to 1.30 and 7.30-10.30 p.m., their time. My South American verifications are beginning to mount. I now have four, and three other reports away.

XEPN has disappeared entirely. Has anyone heard him lately? XEAN on 750 k.c. has been heard drowning WJR. XER continues to come in very well up till 8 p.m., when 5CL comes on the air and spoils reception. Japanese and Chinese stations are beginning to come in well again, and I have added nine new ones to my log. One on 570 k.c. is still unidentified. Has anyone heard 2HZ, India, on 857 k.c., yet?—"Omsk" (Whakatane).

Extracts from Verifications.

ALTHOUGH conditions have been good lately, owing to the long spell of southerly weather, there are not many new stations to be heard. The Americans and Australians are coming in very well and provide excellent entertainment. One of my recent loggings: F31CD, Saigon, French Indo-China, who was held at quite good strength for an hour. I notice XER has stopped its all-night programmes now. While they were on we had some excellent items. Talking about XER, has any other

dxer noticed that when the announcer gives the call out in Mexican it is XEF (pronounced X-E-ffa), while it is XER in English?

Recent verifications include the following:—WOKO (with Ekko stamp), WPG, WRHM, KMAC, KPRO, CFOT, XEAW, and WHF.

WPG seem to be very keen to get reports (especially from N.Z.), and the following from their letter may be of interest: "Although we are always interested in hearing from a radio fan, we can assure you it gives us greater pleasure and satisfaction to receive a report such as yours (from such a far distant place). Last year we received numerous reports from N.Z. However, I believe to-day is the first time this year that we have heard from N.Z. In to-day's mail there were four reports." This station enclosed a folder showing their studios and offices, etc., situated in Atlantic City's 15,000,000-dollar Convention Hall.

KMAC say their best DX is New Zealand.

From XEAW's card: "This verifies your reception of broadcasts from XEAW, transmitter located at Reynosa, State of Tamaulipas, Mexico. We operate on 10,000 watts, and 965 k.c., and

"Lone Star" Ladder

This week the two leading competitors have changed places, "Bulova" now being top, with a total of 23 "lone stars," and S. Robson (1HQ), second, with 18. For the benefit of dxers who have not seen details of this competition, the object is to see who can top the "lone star" ladder by entering verifications which no other dxer holds. Once a verification is "claimed" by someone else, that station is deleted.

CAN YOU BEAT THESE?

1.—"Bulova" 23
KFDY, WIBO, WMCA, WLBZ, WRUF, XEPN, WESG, WGCR, KFJZ, KUI, WSMK, WFOX, WIBL, WBBR, WOKO, WPBL, WTAS, WRC, WPTF, WIP (U.S.A.), VK3M, 3JR, 3GK, HJN, Bogota.

2.—S. Robson (1HQ) 18
Lyons (France); Berlin (Germany); Sundsvall (Sweden); Hiversham (Holland); Gleiwitz (Germany); Odessa (U.S.S.R.); Florence (Italy); Johannesburg (South Africa); CKOVI (Canada); WRDO, WCSH, WBEI, WEHC, WNBX, WMBC, WEVD, WOV (U.S.A.); VK5WH.

3.—N. Jenkins (22W) 17
KOY, WKBH, WCFL, WLTH, WRHM, KMAC, KFOR, WDRJ, WAAW, KABC (U.S.A.); XBX (Mexico); Paris, 670 k.c. (France); SBB, Goteborg (Sweden); VK3AM, VK3KU, VK2HM, VK3CB (Australia).

4.—A. Maule (34T) 9
Huizen: Frankfurt (Germany); VK's 2DS, 2BK, 2WS, 2RJ, 2SS, 2CM, 3CL.

5.—F. Carr (150W) 7
WHA, KGBZ, WPCB (U.S.A.); JOQK (Japan); VK4YG, VK4LP, VK4WJ.

6.—"Omsk" (121A) 6
CHRC, CKFC, CKAC, CKNC, CKLW (Canada); LSI1 (Argentina).

7.—L. Illingworth (4HQ) 2
GLBR, R.M.S. Monowai; ZLX, Portland Island.

8.—L. G. Hopkins (164A) 2
KGHL (U.S.A.), Moscow Stalin.

Special DX Broadcast

From 2ZM, Gisborne.

Dxers are reminded that, by courtesy of station 2ZM, Gisborne, 1150 kc., the Gisborne branch of the DX Club will broadcast a DX programme early Friday morning, June 30, from 12.30 a.m. to 2 a.m., N.Z.T. All authentic reports, accompanied by a stamped and addressed envelope, will be promptly verified. Address:—P. R. Stevens, 158 Gladstone Rd., Gisborne, or L. Illingworth, 146 Russell Street, Gisborne.

L. ILLINGWORTH (4HQ)

(District Secretary).

we are on the air each evening till 1 a.m., Central standard time. Keep tuned to XEAW, the 'Voice of International Service,' presenting the most interesting, romantic, and instructive programmes offered by any radio station on the North American continent.

WRHM say they "think the report sheets are fine as they give every detail of the reception."—N. Jenkins (Masterton).

Radio Wrinkles

Ebonite panels might quite easily be chipped or cracked by over heavy use of the centre punch when marking out. If, however, a finely pointed bradawl is pressed firmly into the panel and twisted like a gimlet, it will make a small hole quite sufficient to start the drill, and will not slip and mar the panel, while there is no danger of cracking the ebonite. Any burrs produced by the drilling should be removed.

Small drills very often cause a good deal of annoyance to home constructors, for many of them obstinately refuse to be gripped adequately by the chuck of the brace. In such instances, the usual practice is to bind paper round the drill or else to pack some material or other in the jaws of the chuck. A better method is to wrap several turns of insulated wire round the end of the drill.

In wireless constructional and repair work, one often wants a soldering iron with a small bit for attending to delicate repairs. Such irons are difficult to work with, however, for owing to the small volume of copper they cool very rapidly. A very handy tool may be made from an old worn-out soldering iron. The point is cut off with a hack-saw and the end trimmed up more or less square. In the end of the old bit is drilled a hole and piece of $\frac{1}{16}$ in. copper rod—about $1\frac{1}{2}$ in. long—is forced in. If necessary, it may be made perfectly secure by making deep indentations with a centre punch round its junction with the bit.

QUESTIONS AND ANSWERS IN RADIO.

Price 1/6, Booksellers and Dealers, or Box 1032, Wellington.

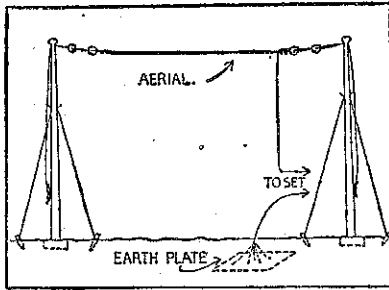


Figure 1.—The most effective earth is installed directly under the aerial.

EARTHS FOR EVERYBODY

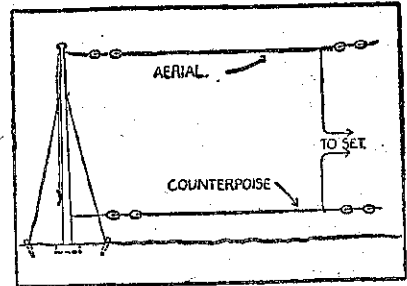


Figure 5.—A well-insulated counterpoise will often greatly minimise electrical interference.

In this article the importance of making a good ground contact is explained, and practical advice is given on the most popular methods of obtaining an earth connection which will ensure reliable results.

HAVING concluded our "Chat About Aerials" last week, we will now consider the earth, which should be just as carefully installed. In effect, the aerial and earth act as the two plates of a condenser, with the air between them as dielectric, and so to pick up the greatest amount of signal both plates should be as electrically efficient as possible. Nobody would think of using a tuning condenser with half its plates perfectly built and the other half just thrown together in a haphazard way, but this is what occurs when a receiver is connected between a first-class aerial and a poor earth.

The beginner is often confused by the bewildering variety of earths he finds are employed by his friends, and so is nonplussed when trying to decide on the best. The problem is not at all complicated, however—it is just a matter of keeping to a few common sense fundamentals.

Once the aerial has been erected there is very little choice as to the best location for the earth, for it should always be directly underneath the aerial, as shown in diagram 1. As mentioned before, the ground below the aerial acts as a condenser plate, and so the nearer the earth connection is to the ground directly under the aerial, the more efficient will be the installation.

What Is a Good Earth?

A most important qualification of a good earth is that it must have low resistance. To achieve this, the earth lead should be short, of fairly heavy gauge wire, and the earth plate or rod to which it is soldered should be buried at least four to five feet down in moist ground. We will deal with these now in turn.

A long earth lead is certainly not

desirable, because if it wanders around the room before reaching earth, it has a damping effect on the system, and in consequence tuning will be flatter. Also a long lead acts like an aerial—inefficient, it is true—but it places the set "up in the air," often making it unstable.

The wire employed should be of fairly heavy gauge, because the earth lead is really part of the aerial system, and there is not much advantage in choosing a heavy wire for the aerial and a thin one for the earth. Nothing smaller than number 16 s.w.g. should be employed. Perhaps the best wire to use is stranded aerial wire, because

might just as well be employed, because it is as cheap as bare.

The last and perhaps most important provision to ensure a good low resistance earth is that the earthing device, whether plate, tube, or water-pipe, should make ample contact with moist earth. Dry earth is a poor conductor of electricity, and for this reason, the earth-plate or rod should be buried several feet away from the house, where the ground it is buried in is not sheltered from rain by the eaves.

In earth connections, as in the aerial, perfect joints are essential, and every precaution must be taken by soldering or a very tight clipping (in the case of a water-pipe) to see this is the case.

The Best Earths.

The most common earth connection is one made to a water pipe. This generally forms an excellent earth, because these pipes run deep down under the surface of the ground, and the soil around them is generally moist because of leakage from the pipes themselves. Make certain, however, that the pipe does not ramble all over the house before going to earth, and also always choose an incoming pipe from the water main, and never hot water pipes running from a cistern. Remember that regulations prevent the use of gas pipes as earths.

Connections cannot be made to cold water pipes by direct soldering because the cold surface carries the heat away faster than the soldering iron can apply it. This difficulty is commonly overcome in three ways, illustrated below. In all cases the pipes should be sandpapered clean before the connection is made. (Continued overleaf.)

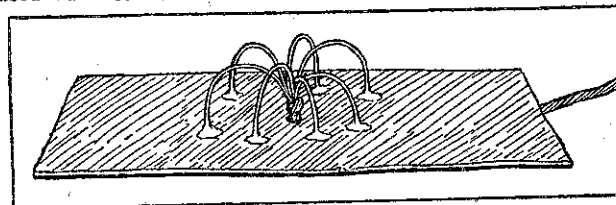
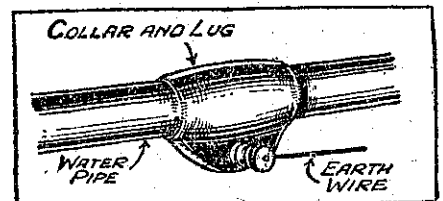
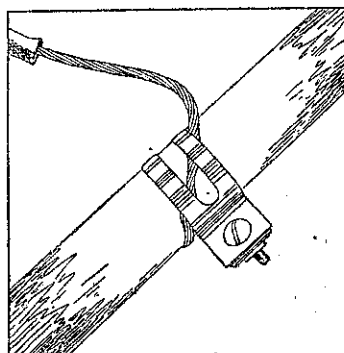
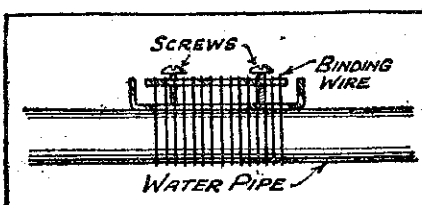


Figure 3.—A good method of ensuring a sound connection between an earth plate and lead.

of its larger surface area and also because the strands can be separated and soldered to separate portions of the earth plate to ensure the best possible connection.

It is not at all essential that the earth lead should be insulated. However, if it is not, and if it is at all slack, it will possibly be blown against a wet wall or nearby shrub, causing fading and scratching noises in the speaker. After all, enamelled wire



Three Methods of Attaching an Earth Lead to a Water-pipe.—Left and Centre: Two types of earth clips. Right: A plumber's joint. It is essential in all cases to see that the pipe is sand-papered clean and bright before making the connection.

A lead soldered to a sheet or rod of metal, which is usually of copper or galvanised iron, forms another very effective earth. Figure 3 shows an excellent method of attaching a lead to an earth plate, which consists of a piece of sheet metal about 2ft. square, preferably of copper, no thinner than 18 gauge. The end of a length of stranded aerial wire is unstranded, stripped of its insulation, and then passed through the hole in the centre. A knot should then be tied in it as shown to prevent strain on the soldered connections, which are taken to various points on the metal sheet.

Another good earth, using a galvanised iron sheet, is shown in figure 4. A strip is cut along one side as shown, and bent up so that the earth connection can be made to it above ground. The lead should be well soldered and taped to prevent corrosion. It is usually preferable to have the connection to the earth plate or tube above the ground, as in damp earth chemical action is set up at this joint, particularly where two dissimilar metals are joined, and corrosion results. For this reason, earth plates and rods should be regularly dug up and inspected, re-soldered if necessary, and then buried again. Joints corroded in this way are often the unsuspected cause of an unaccountable falling off in reception.

A length of galvanised iron piping, driven at least four feet into the ground, makes another good earth. Special copper earthing tubes are also available. A terminal is usually pro-

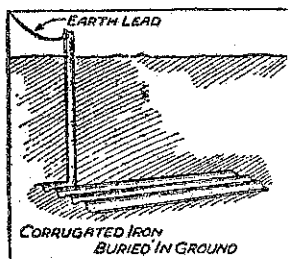


Figure 4.—An excellent earth. Notice how a strip of the corrugated iron is bent up in order to attach the earth lead above the ground.

vided at the top for attaching the earth lead, but it is better to solder the lead directly to the top of the tube and then take a turn round the terminal to take the strain off the joint.

Biscuit and kerosene tins, motor-car radiators, old coppers—all are popular forms of a great variety of earths, and generally they are all equally efficient so long as they are well buried in moist earth. Incidentally, if the soil dries up unduly in the summer, it is a good plan periodically to pour a solution of salt and water over the earth to keep it moist.

In cases where no connection to permanently moist earth can be secured, or where power interference from nearby transmission lines is experienced, a counterpoise aerial will often give the best results. (See figure 5.)

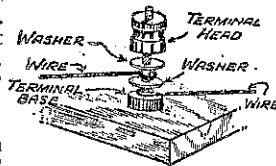
A makeshift counterpoise can be obtained just by running wire along the floor and connecting it to the earth terminal on the set, but for greater efficiency, the counterpoise aerial should be slung directly below the main aerial and at a distance of six or eight feet from the ground. It is important to remember that the counterpoise must be just as carefully insulated as the aerial itself.

HINTS FOR BEGINNERS

A Terminal Tip: Parallel Feed for Transformers: Making Connections to a Car Battery: Rejuvenating Accumulators: A Simple Aluminium Cutter.

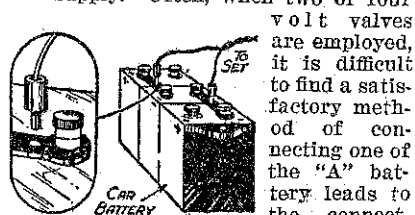
IT is usually difficult to fix more than two loops of wire securely under a terminal end, as the loops tend to open out as the terminal is tightened.

To prevent this, a thin, flat washer should be placed between each loop and also between the uppermost loop and the terminal head. This will ensure a secure connection.



TWO things are primarily required of an audio transformer if it is to give good results. Firstly, it should have a high primary inductance, and secondly, the capacity of its secondary winding should be low. The first can be achieved by winding on a great quantity of wire—but for every turn of wire in the primary, there must be 3 or 5 in the secondary in a 1:3 and 1:5 ratio transformer respectively—and the larger the secondary, the higher its capacity, unless very special steps are taken. To solve this problem, many manufacturers are now using a special nickel alloy core, but here, again, there is another difficulty, because these alloys tend to saturate easily. A current of but a few milliamperes is often very detrimental to their characteristics. Lately there have been developed special alloys, which are more stable, but in general the only method of using "nickel" transformers so that their functioning is free from saturation limitation, is to parallel feed them. To do this the plate supply of the previous valve should be taken through an anode resistance of about 100,000 ohms to the plate of the valve, which is then connected through a 2 mfd. condenser to "P" of the transformer. The "B+" terminal of the transformer is then earthed.

MANY country experimenters often use a car battery as a source of "A" supply. Often, when two or four

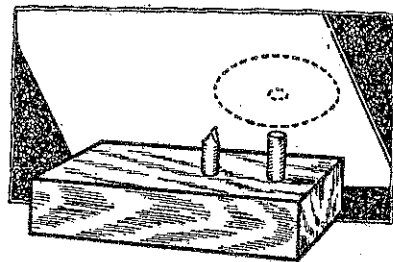


simple method of doing this is to employ wander plugs, sinking the necessary holes in the lead connectors with a metal drill.

WHEN an accumulator has been in service for some time it is very often found that it will not hold its charge as well as it did formerly, even though

there may be no signs of sulphation. This is caused by a gradual absorption of sulphuric acid, which hardens the plates. To get them back into condition, the acid should be emptied out and the accumulator washed and filled with distilled water. The battery should be now charged in the ordinary way and, after charging, it should be carefully discharged about half-way. The distilled water will now be found to be strongly acid, its specific gravity having risen considerably. Empty this away and refill with fresh distilled water, and continue this procedure of charging and partially discharging the battery, until the distilled water shows practically no change in density. The accumulator may now be filled with fresh acid of the correct density and charged in the normal manner. It will now be found to hold its charge much better than formerly, and its working life will be greatly extended.

THE constructor who prefers to bend and drill his own chassis often finds difficulty in cutting holes for mounting valve sockets, etc. This simple cutter is quite easy to make and gives good result. Obtain a piece of hard wood, about $\frac{1}{2}$ in. square, and about 4 in. long. Screw a $\frac{1}{4}$ in. iron wood screw into this, $\frac{1}{2}$ in. from one end. Another screw should now be put in at a distance from the other equal to the radius of the circle required. It will be seen from the sketch that the screws are screwed in up to the ends of the threads. The heads should now be cut or filed off, and second screw filed to form a slanting chisel point. The way to use the tool is obvious. A centre hole is drilled in the chassis to take the centre screw, and the cutter is rotated about this. As an alternative, draw a circle on the chassis of the required diameter, and then drill small holes round this, just inside the circumference, so that the



edges are just touching. When the circle has been completed the centre piece will fall out, and the circle can be trimmed up with a pocket knife.

THE so-called "dry" battery, which is used in radio for supplying plate and bias voltages, is not in actuality "dry," but a modification of the original Leclanche primary cell employing zinc, carbon and a solution of sal-ammoniac. Instead of this solution being in the form of a fluid, however, it is made up as a paste something of the consistency of the paste used for mounting photographs. This paste is a mixture of sal-ammoniac and certain other material, introduced so that the paste will not easily go dry, as, when it does, the battery is useless. Because of this, dry batteries should always be kept in cool, shady places, well away from fires and radiators.

THE Czechoslovakian postal authorities offer a reward of forty crowns for information leading to the detection of a pirate. Anonymity is respected.

U.V.W. (Lower Hutt): Could I get 2YA and 2ZW on the speaker with a one-valve set?

A.: You should be able to, but the volume would certainly not be overpowering.

2. Could I use d.c. wire instead of d.s.c. for winding the coils?

A.: Yes, but put on two or three more turns on the secondary.

3. Where can I buy powdered sal ammoniac and manganese peroxide for making dry batteries?

A.: From any chemist, or from George Wilton, 156 Willis Street, Wellington.

"CURIOUS" (Mosgiel): Could I use a short-wave adaptor with my receiver, and would it harm the set in any way?

A.: Yes, quite easily, and it would not be at all harmful. If your set is a t.r.f. model, the adaptor should be plugged into the detector socket; if a superhet., into the second detector socket.

2. Are there any valves with which I could obtain better results than those which were installed by the manufacturers?

A.: Your set is a fairly recent model and any slight improvement which might be noticed after incorporating the new valves would not justify the cost of having the necessary alterations made.

3. The aerial I am using is 40ft. high and 140ft. long. The earth lead is 35ft. long. Could I improve on this?

A.: Your aerial is rather long for the type of set you are using, and you will probably find that if you cut it down to 100ft., including lead-in, you would get better separation of stations. Your earth is rather long, though with your set, which is probably earthed through the mains as well, no improvement would be noticed if it were shortened.

"CHAKRATA" (Nelson): A comprehensive article, outlining methods of minimising power interference, will be published shortly in the "Radio Record."

R.B. (Wellington): Could I sharpen up the tuning of my receiver by placing a fixed condenser of .0005 mfd. capacity in the aerial?

A.: Yes, a slight improvement in selectivity would be noticed, but a smaller value condenser should be employed, say, .0001 mfd. Your best plan would be to purchase a semi-variable compression type condenser of .0001 mfd. maximum value. Adjust this for best results.

2. How can I cut out tramway interference? My aerial runs at right angles to the overhead and power lines.

A.: Interference from the tramway system is one of the worst possible forms, and we doubt very much if you could cut it out completely. However, it can certainly be minimised by one of the methods which will be outlined in the general article on eliminating power interference, which will appear in the "Radio Record"

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.

Questions and Answers

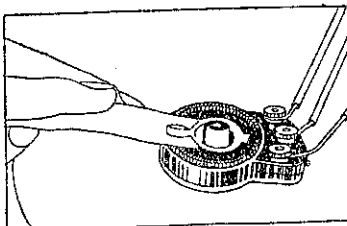
shortly. [Note: As a general rule we do not encourage amateurs to make alterations to commercial a.c. receivers.]

J.B. (Christchurch): I am enclosing the circuit of a one-valve amplifier I am using at present. Could it be improved on?

A.: You do not state the ratio of your audio transformer. For greatest volume, this should be about 7:1. Otherwise no improvement could be effected.

2. I am using an ordinary flat type torch battery for bias. Would results be

What's Wrong?



A Common Fault.

It sometimes happens that when the volume control knob is rotated, a grating or clicking noise is heard in the speaker. This is due either to dust which has collected on the resistance element, causing poor contact, or to a loose slider. In some cases a clean-up with a strip of cardboard rotated under the slider as shown will cure the trouble. In others it is generally necessary only to tighten the spring contact a little to remove the fault.

improved if I used a proper "C" battery?

A.: Not if the bias voltage recommended by the makers of the valve you are using is $4\frac{1}{2}$ volts, for the "B" voltage employed.

A.Y.Z. (Matiere): Reception on my battery set is often accompanied by a crackling which persists, though to a lesser extent, when the aerial is disconnected. At times, even when reception is quite good, it will suddenly cut off altogether.

A.: Your question is not quite clear. Do you mean the set cuts off, or the noise? If the latter, then the trouble is probably due to power interference, possibly from a vacuum cleaner or some similar electrical machine. If, however, reception stops completely, it appears as though there is a break in either the primary or the secondary winding of one of the audio transformers. Are your batteries in good order? If you are using an accumulator for "A" supply there is a possibility that sediment has collected at the bottom of the accumulator case and is partially short-circuiting some of the plates. This would cause the crackling of which you complain.

"AMRAD" (Auckland): The valves you propose using are quite suitable. However, you will need a 6-volt accumulator, not a 4-volt, as they are all 6-volt valves.

A.T.E. (Wellington): Could you give me the capacity of the two ganged condenser and full particulars for winding coils suitable for the circuit I enclose?

A.: Using a two ganged condenser, .00035 mfd. per section, the following coil particulars would be suitable: Aerial coil 20 turns, L1 95 turns, L2 95 turns, reaction 40 turns, all wound with 30 d.s.c. on $1\frac{1}{2}$ in. diameter former.

"DIGGER" (Hamilton): When testing my "B" batteries, the set being turned off, there is a grating noise in the speaker. Does this mean that the "A" battery is not properly out of circuit?

A.: No. It is quite normal, and is due chiefly to the charges stored by the various by-pass condensers in the set.

J.F. (Auckland): Results from my crystal set used to be excellent, but during the past month volume has fallen off, and although I have tried two new crystals, no improvement results.

A.: The lack of volume might be due to the headphones, for if you have dropped them, the magnetism will probably have suffered. Possibly, also, the diaphragm has become rusty, which would impair sensitivity. Otherwise, the poor volume might be due to the development of high resistance joints either in the aerial and earth system, or in the set itself.

"AJAX" (Lower Hutt): I have a detector, two audio, set and would like to incorporate a volume control, using a 25,000 ohm potentiometer I have on hand. Would this be suitable, and what would be the simplest method of connecting it up?

A.: An effective volume control would be provided by connecting the slider and one terminal to earth, and the other terminal to the aerial terminal on the set.

Radio Round the World

EARLY morning gymnastic exercises have proved so popular in Germany that a second series is to be broadcast.

PRESIDENT ROOSEVELT'S radio speeches have been so successful that he is expected to continue them at about fortnightly intervals.

SINCE the Board took control of broadcasting in New Zealand, three new transmitters have been acquired; the portable for site testing, 2YC, and the new 3YA.

◎ RADIO ◎ SERVICEMAN'S ◎ EXAMINATION

Governing regulations say that all Radio men must be fully qualified. To ensure this the Radio Serviceman's Examination has been inaugurated, which calls for an exact knowledge of radio principles and a correct diagnosis of radio troubles. Can you face the examination paper without being afraid of the results? Write to Mr. E. C. Johnson, A.M.I.R.E., Johnson's Wireless and Radio College, 8-10 Brandon St. Wellington, or Phone No. 42-463 about his various courses of instruction in Radio, especially the Radio Serviceman's course.

JOHNSON'S
Wireless and Radio
College
WELLINGTON.

Shortwave News

"Radio Coloniale," Paris.

AS the French Colonial short-wave station, located in Paris, is so well received in New Zealand at the present time, their amended schedule of transmissions will be of interest to readers. Transmissions now take place as follow, all times being N.Z.M.T.:-

From 12.30 a.m. to 3.30 a.m., on 19.65 metres. Programme for Indo-China.

From 3.45 a.m. to 5.45 a.m., on 25.2 metres. Programme for Madagascar.

From 7.30 a.m. to 9.30 a.m., on 25.6 metres. Programme for Soudan, Senegal, and French Equatorial Africa.

From 10.30 a.m. to 1.30 p.m., on 25.6 metres. Programme for South America.

From 1.30 p.m. to 3.30 p.m., on 25.6 metres. Programme for Canada, North America, and South America.

The programmes are prepared for the various countries mentioned and radiated on directional antenna. The power is between 12 and 14 kilowatts in the aerial.

A vote of further funds is being requested for this station, with the object of increasing its power. The amount suggested is 2,000,000 francs (approximately £15,230 at par).

The address for reports of reception of Radio Coloniale is: Poste d'Etat de Radio-diffusion Coloniale, 103 Rue de Grenelle, Paris.

CNR, Rabat.

IT has been reported that CNR, Rabat, better known as "Radio Maroc," is now transmitting on 36.36 metres, instead of 32.26 metres. This station is scheduled to be on the air each Monday between 6.30 a.m. and 8.30 a.m., our time.

They also commence a programme at midnight, our time, on Sunday, using a wavelength of 23.39 metres.

Zeessen, Germany.

DJA, 31.38 metres, and DJG, 49.83 metres, are used to broadcast a special service for the benefit of German-Americans between 11.30 a.m. and 1.30 p.m., N.Z.M.T.

DJA is often well received here. DJG, when audible, is very weak. The latter station is well received across the Atlantic.

Log for Week Ending June 24

CONDITIONS are still fair on all stations, except on the 49-50-metre band, where static has been troublesome.

Radio Coloniale is the best station at present on short waves, even better than those across the Tasman, as the French station is not subject to fading.

RV15, Khabarovsk, 70.2 metres: Plenty of volume every evening, but spoilt by severe static.

RV59, Moscow, 50 metres: Still R5 till after 8 a.m. Has been rather gushy several mornings recently.

GSA, Daventry, 49.6 metres.—Usually about R45 till nearly 9 a.m., when they slowly got off.

WSXAL, Cincinnati, 49.5 metres.—Has not been heard recently at more than R4, and then with a noisy background.

49.5 metres (about).—A weak station heard on most mornings till about 8.30 a.m., too weak to be identified.

WVXF, Chicago, 49.18 metres.—Was up to R7 on Tuesday and Saturday from 4.15 p.m., but gushy and noisy.

WSXK, Pittsburg, 48.86 metres.—Usually R4 at 3.30 p.m. to R8 when closing at 4.30 p.m. Has been gushy the last few days.

GBS, Daventry, 31.5 metres.—Fair to good every morning till 10 a.m. They are sometimes audible on the Canadian zone till after 11 a.m., fading out soon after.

VK3ME, Melbourne, 31.5 metres.—Reception poor now, severe fading, with distortion being the trouble.

W2XAF, Schenectady, 31.48 metres.—Monday, R7 at 2 p.m. to R8-9 when closing at 2.45 p.m. They were only R5 on Wednesday and Saturday.

DJA, Zeessen, 31.38 metres.—Vary in volume and quality. On Saturday, at

THE WORLD ON SHORTWAVE

By F. W. Sellens

9.30 a.m., they were gushy at R7. By 11 a.m. volume was down to R5, but up to R7 again at 12.30 p.m., and more steady.

WIXAZ, Springfield, 31.35 metres.—Quite good most afternoons till 4.30 p.m. They are weaker and gushy at 11 p.m.

VK3ME, Sydney, 31.28 metres.—R9 on Sunday during each session, with severe fading.

XAPE, Mexico, 31.25 metres.—Heard every afternoon, from just audible about 1.30 p.m., often reaching R6-7 by 3 p.m. They close at varying times between 4.30 p.m. and 5 p.m.

JIAA, Tokio, 30.5 metres.—Good volume almost every evening, with talks and native music.

EAQ, Madrid, 30.4 metres.—Coming in well nearly every day from 10 a.m. till 11.30 a.m. Nearly every item is announced in English as well as Spanish.

"Radio Coloniale," Paris, 25.6 metres.—Not always good quality early, but later in the morning volume increases, often to R9, remaining at this till 3.30 p.m., the quality being excellent as a rule.

GSD, Daventry, 25.5 metres.—Very poor for this zone from 4 p.m. Usually audible for a short time, but not worth listening to.

DJD, Zeessen, 25.5 metres.—Heard every morning, sometimes up to R7, but seldom steady, being troubled with rapid fade.

12RO, Rome, 25.4 metres.—Gushy most mornings, being about R7 at 8 a.m. to very weak by 9 a.m.

WSXK, Pittsburg, 25.3 metres.—Often R8 from 1.30 p.m. till closing at 2.30 p.m. When they close down on this wavelength, they commence transmitting on 48.86 metres.

GSF, Daventry, 19.82 metres.—Very weak during the early part of the 4 p.m. to 6 p.m. session, with severe fading.

WSXK, Pittsburg, 19.72 metres.—Heard several mornings between 8 a.m. and a little after 8.30 a.m. at never more than R5, fading right out at short intervals. Stock and market reports are read at 8.30 a.m.

N.Z. Short Wave Notes

From the Secretary's Pen

MR. J. V. McMINN, of Wellington, reports hearing XGEL, Mexico, on Sunday, June 11, broadcasting a special programme for our friends the Chicago Short Wave Club.

Quite a number of readers of the "Record" have written in to me for information and advice. Many say they would like to join up, but, on account of the times, are unable to do so. I would like to point out that, being a club of listeners, we like to help anyone interested in radio, and so we accept a deposit on the subscription, thus enabling prospective members to receive their station list, etc., by return mail, instead of having to await better times.

In Wellington we are going to try the experiment of hard-up radio evenings. More news later.

Many people complain of being unable to listen because of the cold. I remember one listener, not very far away, who had his set on a table mounted on castors so that he could wheel it alongside his bed.

Often results are improved by shifting

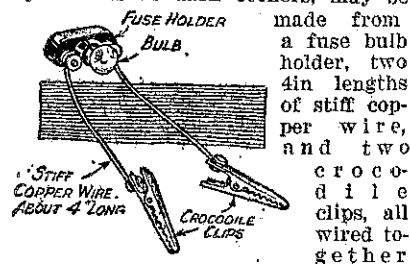
the speaker. Strange to say, long leads very often give better and stronger results.

You can help employment by keeping the post office busy. My address is: A. B. McDonagh, Secretary N.Z. Short Wave Club, 4 Queen Street, Wellington, E1.—Yours fraternally, MAC.

Useful Hints

WHEN considering the suitability of a particular type of rectifying valve to the supply the needs of an a.c. set, it must not be forgotten that bias voltage will almost certainly be derived from the same source, and that the amount of this voltage must be subtracted from the total rectified voltage output before one can determine how much voltage will be available for the plates of the valves. For instance, a rectifier intended to give 60 mls. at 250 volts would hardly do for a receiver taking that amount of current and fitted with an output valve rated at 250 volts maximum. A valve of this type would probably take something like 30 volts grid-bias, and if so, the maximum voltage available for its anode would be somewhere around 220 volts.

A HANDY light, which will be found especially useful when making adjustments in dark corners, may be



as shown in the sketch. This little gadget may be clipped on anywhere on the set, one clip of course going to the A+ circuit, and the other to the A—.

OFTEN an earth lead corrodes badly at the point where it enters the ground, owing to electrolytic action. This trouble may be prevented by obtaining a two or three-inch length of brass, lead, or copper tubing, and running the earth lead through at its point of entry into the ground. Fill the tube up with wax, taking care to see if possible that the earth lead runs centrally through it and does not touch any part of the tube.

WHEN installing a multi-wire aerial, it is often a problem to devise a simple but effective means of bringing the aerial down leads into one common path. It is not an easy matter to solder two or more multi-strand aerial wires, and, of course, twisting them together will not be satisfactory. A suitable method is as follows:—Obtain a four-inch length of brass tubing of about 1/4 in. diameter, flatten one end of it with a hammer, and drill through this a hole large enough to enable the tube to be screwed to an ordinary lead-in tube. Now bring all the aerial down lead wires together within the brass tube, pushing them down to the bottom. With the wires in position pour molten lead into the tube until it is full.

QUESTIONS AND ANSWERS IN RADIO.

Price 1/6. Booksellers and Dealers, or Box 1032, Wellington.

Next Week's Programmes

These items are copyright, but individual programmes may be published on day of performance.

SUNDAY, JULY 2

IYA

- 9.0: Selected recordings.
 11.0: Close down.
 1.0: Selected recordings and Literary selection.
 4.30: Close down.
 6.0: Children's Song Service, conducted by Uncle Bert.
 7.0: Relay of evensong from St. Matthew's Anglican Church. Preacher: Rev. C. J. Tinsley, President of Baptist Union of Australia. Organist and Choirmaster, J. H. Philpott.

AUCKLAND

Concert Programme.

- 8.30 (approx.): Relay of Municipal Band Concert from the Town Hall, conducted by George Buckley.
 Overture, 'The Band, "Bronze Horse" (Auber).
 Bass, Ernest Thomas, "Neptune's Toll" (Jude).
 Suite de Ballet, The Band, "Coppelia": (1) March of the Bell; (2) Valse of the Hours; (3) Dance of the Automaton; (4) Village Wedding (Delibes).
 Contralto, Phyllis Hazell, "Abide With Me" (Liddle).

820 k.c.

Descriptive Musical Episode, The Band, "A Hunting Scene in The Black Forest" (Voelka).

Bass, Ernest Thomas, "Blow, Blow, Thou Winter Wind" (Kettelbey).

Selection, The Band, "Rienzi" (Wagner).

Contralto, Phyllis Hazell, "I Heard You Sing" (Tate).

Hymn, The Band, "A Few More Years Shall Roll" (Bidgood).

March, "The Crusaders" (O'Donnell).
 10.0: Selected recordings. Close down.

2YA

- 9.0: Selected recordings.
 11.0: Close down.
 1.0: Dinner music.
 2.0: Selected recordings.
 4.30: Close down.
 6.0: Children's Song Service, conducted by Uncle George, assisted by the children's choir from St. Mark's Anglican Church.

WELLINGTON

ren's choir from St. Mark's Anglican Church.

- 7.0: Relay of Evening Service from the Vivian Street Church of Christ. Preacher: Pastor W. G. Carpenter. Organist: Mrs. A. Shepherd.

720 k.c.

Concert Programme.

(Relay to 2ZD, Masterton.)

8.15 (approx.): Relay from the De Luxe Theatre of concert by the Port Nicholson Silver Band under the conductorship of J. J. Drew.

10.0 (approx.): Close down.

3YA

- 9.0 to 11.0: Selected recordings.
 1.0-2.0: Dinner session.
 4.30: Close down.
 5.30: Children's Song Service by children of the Methodist Sunday Schools.
 6.15: Chimes from studio.
 6.30: Relay of Evening Service from the East Belt Methodist Church. Preacher: Rev. E. Drake. Organist: A. M. Owen. Choir Conductor: J. Chaplin.
 7.45: Selected recordings.

Concert Programme.

8.15: Recording Overture, Orchestra of the Brussels Royal Conservatoire, "Suite No. 3 in D Major" (Bach).

8.23: Tenor, W. H. Dixon, (a) "Shall I Complain" (Easthope Martin); (b) "A Tender Little Song" (Kent); (c) "Life's Story" (Fraser).

8.30: Bohemian Trio, (a) "Liebesgarten" (Schumann); (b) "Fairy Frolic" (Quilter).

CHRISTCHURCH

8.36: Soprano, Julie Russell, (a) "Voi lo Sapete" (Mascagni); (b) "Aubade" (Lalo).

8.42: Professor J. Shelley, Shakespearean Recital, "Jacques' Speeches" from "As You Like It" (Act 2, Scene 7) (Shakespeare).

8.50: Recording: Piano, Wilhelm Backhaus, "Midsummer Night's Dream" Scherzo (Mendelssohn).

8.54: Bass, J. L. Tennent, "Voyage to Hades" (Schubert); "Passing By" (Purcell).

9.0: Weather forecast and notices.

9.2: Recording, London Symphony Orchestra, "Komarinskaya" (Glinka).

9.10: Tenor, W. H. Dixon, (a) "Roses in December" (Russell); (b) "The Little Green Orchard" (Gibbs); (c) "The Melodies You Sing" (Shaw).

9.18: Bohemian Trio, (a) Three Negro Spirituals: (1) "Deep River"; (2) "Little Wheel a-Turning"; (3) "Swing, Low

980 k.c.

Sweet Chariot" (Trdthl, arr. Pollard); (4) Gavotte, "In the Time of Watteau" (Williams).

9.25: Recording: Vocal duet, Walter Glynne and Stuart Robertson, (a) "The Gendarmes' Duet" (Offenbach); (b) "The Larboard Watch" (Williams).

9.31: Soprano, Julie Russell, (a) "The Maids of Cadiz" (Delibes); (b) "Ave Maria" (Masheron).

9.38: Recording: Orchestre de L'Association des Concerts Lamoureux, Paris, "Tarantelle" (Cui).

9.41: Professor J. Shelley, Shakespearean Recital, "Jacques Portions" from "As You Like It" (Acts. 3 and 5; Scenes 2 and 4). (Shakespeare).

9.46: Bass, J. L. Tennent, (a) "Creation's Hymn" (Beethoven); (b) "Whatever Is, Is Best" (Lohr).

9.53: Bohemian Trio, "Prestissimo" from Trio in C Minor (Beethoven).

10.0: Close down.

4YA

- 9.0: Selected recordings.
 11.0: Close down.
 1.0: Dinner music.

DUNEDIN

- 2.0: Selected recordings.
 4.30: Close down.
 5.30: Children's Song Service, conducted by Big Brother Bill.
 6.15: Selected recordings.
 6.30: Relay of Evening Service from Knox Presbyterian Church. Preacher: Rev. D. C. Herron, M.A. Organist and Choirmaster: C. Roy Spackman.

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Concert Programme.

7.45: Selected recordings.

8.15: Relay programme from 3YA, Christchurch.

10.0: Close down.

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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.

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By Michael Fielding, with a preface by H. G. Wells.

The author is a medical man writing under a pseudonym.

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MONDAY, JULY 3

1YA

- 10.0: Devotional service.
 10.15: Selected recordings.
 11.0: Talk, "Loreta"—"All About Pets."
 11.15: Selected recordings.
 12.0: Lunch music.
 2.0: Selected recordings.
 3.30: Home Science Talk, prepared by the Home Science Extension Service of Otago University.
 5.0: Children's Hour, conducted by Jack and Jill.

Dinner Music.

- 6.0: Grand Symphony Orchestra, "Rakoczy" Overture (Keler Bela). London Theatre Orchestra, "Maid of the Mountains" Selection (Fraser Simson). Ketelbey's Concert Orchestra, "The Clock and the Dresden Figures" (Ketelbey).
 6.19: Royal Opera Orchestra, "Faust—Ballet Music, 1st-4th Movements" (Gounod). Cordoba Philharmonic Orchestra, "Carnival" (Lucena). Victoria Orchestra, "La Serenata" Waltz (Metra).
 6.34: J. H. Squire Celeste Octet, "Me-

AUCKLAND

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- mories of Mendelssohn." H. G. Amers and the Eastbourne Municipal Orchestra. "Second Serenata" (Toselli). Dajos Bela Orchestra, "Fantasia Orientale" (Lange). H.M. Grenadier Guards Band. "Martial Moments" March Medley (arr. Winter).
 7.0: News and reports.
 7.30: Agricultural Talk.

Concert Programme.

(Relay to 1ZH, Hamilton.)

- 8.0: Selection, 1YA Chamber Orchestra, "Pirates of Penzance" (Sullivan).
 8.11: Recording, Comedy Harmonists, "In a Cool Dell" (Gluck). Recording (piano), Raie da Costa, "The Little Dutch Doll" (Blaauw).
 8.17: Baritone, John Howard, (a) "At Grendon Fair" (Marie); (b) "La Paloma" (Yradier).
 8.24: Recording, George Formby, (a) "Sitting on the Ice in the Ice Rink"; (b) "Levi's Monkey Mike" (Cottrell).
 8.30: Violin, Mr. Vincent Aspey, (a)

"Air" (Goldmark); (b) "Introduction and Tarantelle" (Sarasate).

8.41: Selection, The Orchestra, "The Thistle" (Myddleton).

8.51: Recording, soprano, Florence Austral, (a) "The Night is Calm" (Sullivan); (b) "A Memory" (Thomas).

8.57: Recording, Black Diamonds Band, "Fatinitza" (Suppe).

9.0: Weather forecast and notices.

9.2: Reserved.

9.17: Recording, Light Opera Company, (a) "Peggy Ann"; (b) "The Girl Friend" (Rodgers).

9.25: March, The Orchestra, "The Thunderer" (Losey).

9.28: Baritone, John Howard, (a) "For You Alone" (Geehl); (b) "Mate o' Mine" (Elliott).

9.35: Violin, Vincent Aspey, "Andante and Finale" (Mendelssohn).

9.47: Recording, Soloists and Chorus of H.M. Theatre, "Drinking Song" (Romberg).

9.53: Waltz, The Orchestra, "Artists' Life" (Strauss).

10.0: Close down.

2YA

- 10.0: Selected recordings.
 10.30: Devotional service.
 11.30: Lecturette, "Health Hints or First Aid."
 12.0: Lunch music.
 2.0: Selected recordings.
 3.0: Talk, prepared by the Home Science Extension Service of Otago University.
 3.30 and 4.30: Sports results.
 5.0: Children's hour, conducted by Hia-watha.

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, Ager).
 6.19: Orchestre Symphonique (of Paris), "Norwegian Rhapsody" (Lalo). The Regal Salon Orchestra, "Memories of Schubert" (Schubert).
 6.35: London Symphony Orchestra, "Norwegian Dances" (Grieg). The Victor Olof Orchestra, "The New Moon" Selection (Romberg).
 6.48: Madrid Symphony Orchestra, "Noche de Arabia" (Arabian Nights)

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(Arbos). National Symphony Orchestra, "Melody in F" (Rubinstein).

7.0: News and reports. (2YC, 1010 kilocycles, after-dinner music).

7.40: Lecturette, Our Book Reviewer, "Books, Grave and Gay."

Concert Programme.

8.0: Overture, 2YA Concert Orchestra (Conductor, Leon de Mauny), "Grand March from 'Aida'" (Verdi).

8.6: Contralto, Madame Margaret Mercer, (a) "On Wings of Song" (Mendelssohn); (b) "My Prayer" (Squire).

8.12: Instrumental, The Orchestra, "Prize Songs from 'The Mastersingers'" (Wagner).

8.17: Recording (descriptive ballad), Columbia Dramatic Players, "The Village Blacksmith" (arr. Batten).

8.23: Contralto, with orchestra, Madame Margaret Mercer, (a) "The Praise of God" (Beethoven); (b) "Ye Powers that Dwell Below" (Gluck).

8.29: Valse, The Orchestra, "Wine Women and Song" (Strauss).

8.35: Recording (bass), Robert Radford, (a) "The Mill Wheel" (Traditional); (b) "The Sergeant's Song" (Holst).

8.41: Recorded talk, Professor J. Barcroft, F.R.S., "Chemical Messages or the Wireless of the Body."

9.0: Weather report and notices.

One Hour of Grieg.

9.2: Recording, Royal Albert Hall Orchestra (Conductor, Sir Landon Ronald), (a) "Shepherd Boy"; (b) "Norwegian Rustic March".

9.10: Recording (choral), Boys of the Hofburg Chapel Choir, Vienna, "Solweig's Song" (Grieg).

9.14: Instrumental, The Orchestra, "Concerto for Pianoforte and Orchestra," 1st Movement—Allegro Moderato (Grieg). (Solo Piano, Paul Vinogradoff).

9.26: Recording, Virtuoso String Quartet, (a) "Intermezzo"; (b) "Romance" (Grieg).

9.34: Recording (tenor), Derek Oldham, "I Love Thee" (Grieg).

9.37: Instrumental, 2YA Concert Orchestra, "Concerto for Pianoforte and Orchestra" (Grieg). (Solo Piano, Paul Vinogradoff), 2nd Movement—Adagio and Finale—Allegro Marcato.

9.55: March, The Orchestra, "Sigurd Jorsalfar" (Grieg).

10.1: Dance programme.

11.1: Close down.

3YA

- 10.0: Devotional service.
 10.15: Selected recordings.
 11.0: Talk, Lorna Martin, "Beauty and Health Culture" (last of series).
 11.15: Selected recordings.
 12.0: Lunch music.
 2.0: Selected recordings.
 3.15: Talk, prepared by the Home Science Extension Service of Otago University.
 3.30 and 4.30: Sports results.
 5.0: Children's hour, conducted by Uncle Vic.

Dinner Music.

- 6.0: Columbia Symphony Orchestra, "Maritana" Overture (Wallace). Dajos Bela Orchestra, "Marion Klange" Waltz (Strauss). New Mayfair Novelty Orchestra, "Uncle Pete" (Jones).

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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" (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.

7.15: Dialogue between Father and Mother (A. D. Brice and Irene Todd),

(under the auspices of the Sunlight League) "What Is This A.I. Plan?"

7.35: W.E.A. Session, Mr. G. Lawn, "Employers' Additional Unemployment Benefit Scheme in Great Britain."

Concert Programme.

8.0: Recording: The Paul Godwin Orchestra, "Coppelia" (Ballet Fantasia (Delibes)).

8.10: Recording: Tenor, Alfred O'Shea (a) "I Feel You Near Me" (McCarthy); (b) "A Pair of Blue Eyes" (Kernell).

8.16: Scottish Pipe Band Quartette, Quicksteps—(a) "All the Blue Bonnets"; (b) "Dovecot Park" (Trdtl.).

8.20: Bass, R. S. H. Buchanan, (a) "The Fisherman of England" (Phillips); (b) "Sylvelin" (Sinding).

3YA (Continued).

8.25: Recording: Humour, Norman Long, (a) "Dick Turpin's Ride to York" (Le Clerg); (b) "The Willows" (Shepherd).

8.31: Brass Quartette, Woolston No. 1 Quartette Party, "Norma" (Bellini).

8.39: Soprano, Addie Campbell, (a) "I Know a Lovely Garden" (D'Hardelot); (b) "I Love You Truly" (Jacobs Bond).

8.44: Scottish Pipe Band Quartette, (a) "Sunny Days in Maoriland" Waltz; (b) "Willie McKay's Farewell" March (Trdtl.). Strathspey, (a) "Sterling Castle"; (d) "Reel O' Tullock" (Trdtl.).

8.50: Recording: Tenor and Quartet, Cavan O'Connor and Variety Singers, (a)

"In the Shade of the Old Apple Tree" (Van Alstyne); (b) "Sweet Rosy O'Grady" (Nugent).

8.56: Recording: Grand Symphony Orchestra, "The Tea House of a Hundred Steps" (Yoshitomo).

9.0: Weather report and notices.

9.2: Reserved.

9.17: Scottish Pipe Band Quartet, Quicksteps—(a) "Cock of the North"; (b) "Gordon's March"; (c) "Miss McGregor" (Trdtl.).

9.22: Recording: Chorus, Paul Roberson and Chorus, "Plantation Songs."

9.26: Soprano, Addie Campbell, (a) "Killarney" (Balfie); (b) "God Touched the Rose" (Brown).

9.32: Recording: Humour, Bobby Howes, Wylie Watson, Peter Haddon and Jack Lambert, "Horroritorio" (Lee).

9.38: Brass Quartet, The Woolston No. 1 Quartet Party, "Fidelio" (Beethoven).

9.45: Recording: Orchestra with Xylophone, The Bournemouth Municipal Orchestra, "Gee Whizz" (Brooke).

9.49: Bass, R. S. H. Buchanan, (a) "Give a Man a Horse He Can Ride" (O'Hara); (b) "Pass Everyman" (Sanderson).

9.55: March, Slow Air, Scottish Pipe Band Quartet, (a) "Road to the Isles"; (b) "The Old Rustic Bridge" (Trdtl.).

10.0: Close down.

4YA

10.0: Selected recordings

10.15: Devotional service.

12.0: Lunch music.

2.0: Selected recordings.

3.30 and 4.30: Sports results.

5.0: Children's hour, conducted by Big Brother Bill.

Dinner Music.

6.0: San Francisco Orchestra, "Coppelia Ballet—Automatons Dance" (Delibes). International Novelty Orchestra, "Four Little Farms" Waltz. A. and P. Gypsies Orchestra, "Herbertiana" (Stone). Violin and Organ, De Groot and Herbert Dawson, "I'll Sing Thee Songs of Araby" (Clay).

6.13: Orchestre Symphonique de Paris "L'Arlesienne" (Incidental Music) Prelude—Overture Act 1 (Bizet). Court Symphony Orchestra, "The Gondoliers" Selection (Sullivan). Pavilion Lescant Tango Orchestra, "In a Little Cafe" Tango (Neubach).

6.29: Poltroneri String Quartet, "Canzonetta from 'Quartet in E'" Op. 12 No. 1 (Mendelssohn). Grand Symphony Orchestra, "The Great Eysler Potpourri" (arr. Hruby). Organ, Stanley MacDonald, "Was it a Dream?" (Coslovo).

6.46: Reginald King and his Orchestra, "Garden in the Rain" (Gibbons). Berlin State Opera House Orchestra, "From Foreign Parts—Italy and Germany" (Moszkowski). Dajos Bela Orchestra, "Gypsy Love" Waltz (Lehar).

7.0: News and reports.

Concert Programme.

(Selected Recordings).

8.0: Selection, Westminster Military Band, "Second March Medley" (arr. Charlie).

8.7: Popular vocal, Randolph Sutton, (a) "Tilly Took a Tramp in the Woods" (Kennedy); (b) "Laugh and Let the Clouds Roll By" (Barker).

8.13: Organ, Reginald Foort, "Theme Songs from Famous Films" (arr. Foort).

8.19: Selections, Salon Orchestra, (a) Neapolitan Nights" (Kerr); (b) "Allah's Holiday" (Friml).

8.25: Soprano, Olive Groves, (a) "Smilin' Through" (Penn); (b) "Under Heaven's Blue" (Pola).

8.31: Piano Novelty, Peggy Cochrane, "A Posy of Popular Tunes."

8.37: Descriptive Selections with Talking, Super Cinema Orchestra, (a) "Love's Dream After the Ball" (Czibulka); (b) "Hush" (Douglas).

8.45: Male Quartet, Comedy Harmonists, (a) "A Boy Saw a Rose-Bush"

DUNEDIN

(Werner); (b) "In a Cool Dell" (Gluck). 8.51: Medley, Westminster Military Band, "The Mounting of the Guard" (Kochmann).

8.57: Baritone, John Brownlee, "If I Were King" (Tipton).

9.0: Weather report and notices.

9.2: Talk, W. G. McClymont, "The French Colonial Empire."

9.17: Selection, Super-Cinema Orchestra, "In the Sudan" (Sebek); (b) "Babylonian Nights" (Zamecnik).

9.25: Vocal Gems, The Phillips, Trefor Jones, and Arthur Vivian, "Casanova" (Benetzky).

9.31: Whistling, Jules Lescl, "Voices of Spring" (Strauss).

9.34: Popular melody, Jack Payne and His Band, "There's Something About a Soldier" (Gay).

9.37: Mezzo-soprano, Lucienne Boyer, (a) "Visions in the Smoke" (Bos); (b) "Speak to Me of Love" (both sung in French) (Lenoir).

9.43: More Piano Novelty, Peggy Cochrane, "Musical Comedy Memories."

9.49: Humorous Sketch, Haver and Lee, "A Smash and Grab Raid" (Lee).

9.54: Marches with Vocal Gems, Debroy Somers Band, (a) "El Abanico" (Myddleton); (b) "Sons of the Brave" (Bidgood).

10.0: Dance music.

11.0: Close down.

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TUESDAY, JULY 4

IYA

10.0: Devotional service.
10.15: Selected recordings.
11.0: Selected recordings.
12.0: Lunch music.
1.50: Educational session.
3.0: Selected recordings and Literary selection.
5.0: Children's hour, conducted by Uncle Dave.

Dinner Music.

6.0: National Symphony Orchestra, "Light Cavalry" Overture (Suppe). The International Concert Orchestra, "Spring, Beautiful Spring" Waltz (Lincke). Zonophone Salon Orchestra, "Killarney" (Balfe).
6.15: H.M. Coldstream Guards Band, "Wedding of the Rose" (Jessel). New Light Symphony Orchestra, "Peer Gynt" Suite, Op. 55, No. 2 (Grieg)—(a) Arabian Dance; (b) The Return of Peer Gynt; (c) Solveig's Song (Grieg). International Concert Orchestra, "Over the Waves" Waltz (Rosas).
6.32: Dajos Bela Orchestra, "The Countess Maritza" Potpourri (Kalmán). Kiriloff's Russian Balalaika Orchestra, "Shining Moon" (Russian Folk Song). De Groot and His Orchestra, "Under the Roofs of Paris" (Moretti).
6.46: Zonophone Salon Orchestra, "Old Rustic Bridge" (Skelly). Charles Ancliffe and His Orchestra, "Ancliffe Waltzes" (Ancliffe).

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7.0: News and reports.
7.20: Our Book Reviewer—"Book Review."
7.35: W.E.A. Session: Mr. Ralph Hipkins, "Music—The Good Companion: 'Opera—A Broad Highway'."

Concert Programme.

(Relay to 1ZH, Hamilton.)

(Selected Recordings.)

8.0: Berlin State Opera Orchestra, "The Mill on the Cliffs" (Ressiger).
8.9: Baritone, Maurice Elwin, "This is no Dream" (Meyer).
8.12: Piano, Ignaz Friedman, "Hungarian Rhapsody" No. 2 (Liszt).
8.20: Soprano, Lina Pagliughi, "Mad Scene" from "Lucia di Lammermoor" (Donizetti).
8.28: Paul Godwin Orchestra, "Entrance of the Queen of Roses" (Rhode).
8.31: Milton Hayes, (a) "How America was Discovered"; (b) "How America was Found Out" (Hayes).
8.37: Stuart Robertson and John Turner, "A Ballad When at Sea" (Keel).
8.41: Accordion, Britannica Piano Accordion Band, "On my Window Sill" (Robinson).
8.44: Tenor, Beniamino Gigli, "Heaven and Ocean" (Ponchielli).

8.48: Violin, Joseph Szigeti, "Romanian Folk Dances" (arr. Szigeti).
8.54: Harmonious Four, "The Two Roses."
8.57: St. Hilda Professional Band, "Jamie's Patrol" (Dacre).
9.0: Weather forecast and notices.
9.2: Talk, Professor R. M. Algie, "Down the River Rapids in Finland."
9.22: Grand Symphony Orchestra, with Chorus, "In the Moonlight" (Ketelbey).
9.25: Light Opera Company, "Monsieur Beaucaire" (Messager).
9.33: Con Brio Mandolin Orchestra, "Love's Dream" (Czibulka).
9.36: Jack Hulbert, Cicely Courtneidge, Irene Russell, Joan MacLaren, "The House That Jack Built" (Jeans).
9.40: Baritone, Peter Dawson, "Devil May Care" (May).
9.43: Violin, Mischa Elman, "Legende" (Wieniawski).
9.47: Sweet and Low, "Just an Old Refrain" (Wilson).
9.50: Cornet, Jack MacIntosh, "Carnival de Venice" (Arban).
9.54: The Big Four, "Fiesta" (Whitcup).
9.57: National Military Band, "Lynwood" (Hume).
10.0: Dance music.
11.0: Close down.

2YA

10.0: Selected recordings.
10.30: Devotional service.
12.0: Lunch music.
2.0: Selected recordings.
3.30 and 4.30: Sports results.
5.0: Children's hour, conducted by Jumbo.

Dinner Music.

6.0: Berlin State Opera House Orchestra, "Preciosa Overture" (Weber). Brunswick Salon Orchestra, "Trees" (Rasbach). Chicago Symphony Orchestra, (a) "Serenade" (Volkman); (b) "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": (a) "Bacchanal"; (b) "Petit Adagio" (c) "Les Bacchantes". The Classic Symphony Orchestra, "Peer Gynt Suite No 1"—(a) "Morning"; (b) "The Death

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of Ase"; (c) "Anitra's Dance"; "In the Hall of the Mountain King" (Grieg).
6.37: J. H. Squire Celeste Octet, "Scottish Fantasia" (Mulder). New Light Symphony Orchestra, "Princess Ida—Selection" (Sullivan).
6.49: Herman Finck and His Orchestra, "Plantation Melodies" (arr. Finck). Cleveland Symphony Orchestra, "Shepherd's Hey" (Grainger).
7.0: News and reports. (2YC, 1010 kilocycles, after-dinner music).
7.40: Lecturette, Representative, Agricultural Department, "For the Man on the Land."

Concert Programme.

(Relay to 2ZD, Masterton.)

8.0: Recording (selection), Victor Olof Salon Orchestra, "Petite Suite de Concert" (Coleridge-Taylor).
8.6: Recording (humour), Clapham and Dwyer, "Fairy Tales" (Dwyer).
8.12: Recording (tenor), Richard Tau-

ber, (a) "Mexican Serenade" (Terese); (b) "Silver Hair and Heart of Gold" (Gilbert).
8.18: Recording, Nat Shilkret and The Victor Orchestra, (a) "Flapperette" (Greer); (b) "The Doll Dance" (Brown).
8.24: Recording (humour), Tony Reddin, (a) "Mick Gilligan's Daughter"; (b) "The Cruise of the Calabar" (Tradition-al).
8.30: Recording (quartet), The Revelers, (a) "Dusky Stevedore" (Johnson); (b) "The Song I Love" (Conrad).
8.36: Recording (violin), Tossy Spivakovsky, (a) "Sicilienne and Rigaudon" (Francoeur-Kreisler); (b) "Waltz in A Flat Major" (Brahms).
8.42: Lecturette, E. W. Ackland, "Travellers' Tales."
9.0: Weather report and notices.
9.2: Presentation of one hour of "Uncle Sam's Music." Narrator, Karl Atkinson.
10.0: Close down.

3YA

10.0: Devotional service.
10.15: Selected recordings.
11.0: Talk, Miss M. O'Halloran, "Fashions."
11.15: Selected recordings.
12.0: Lunch music.
2.0: Selected recordings.

CHRISTCHURCH

980 k.c.

3.30 and 4.30: Sports results.
5.0: Children's hour, conducted by Cousin Beatrice.

Dinner Music.

6.0: Frank Westfield's Orchestra, "Lilac Time" Selection (Schubert, Berte)..

Marek Weber and His Orchestra, "My Darling" Waltz (Waldteufel). Grand Symphony Orchestra, "Tales of Hoffmann" (Offenbach). J. H. Squire Celeste Octet, "Funeral March of a Marionette" (Gounod).

6.18: New Concert Orchestra, "Vienna Maidens" Waltz (Zehrer). Berlin State Opera House Orchestra, "Praeludium" (Jarnefeldt). Regimental Band of H.M. Grenadier Guards, "The Smithy in the Woods" (Michaelis). New Queen's Hall Light Orchestra, "Petite Suite de Concert"—(1) "Le Caprice de Nanette"; (2) "Demande et Response"; (3) "Un Sonnet D'Amour"; (4) "La Tarantelle Fretillante" (Coleridge-Taylor).

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3YA (Continued).

6.41: New Light Symphony Orchestra, "The Waltzing Doll" (Poldini). Debroy Somers Band, "The Desert Song" Selection (Romberg). De Groot and the Piccadilly Orchestra, "Lolita" (Ferrete and Biessier). Marek Weber and His Orchestra, "Dreams on the Ocean" Waltz (Gungl).

7.0: News and reports.

7.35: Dialogue, E. E. Wiltshire and F. C. Fairclough, "The Story of the Garden."

Concert Programme.

8.0: Bob Bradford and His Radio Sextette, (a) "Medley of Old Waltzes" (arr. Bradford); (b) "Sittin' by the Fire With You" (Wendling); (c) "There's Something About a Soldier" (Gay).

8.11: Recording, vocal gems, Light Opera Company, "Maritana" (Wallace).

8.19: Xylophone, with Radio Sextette, Les Brown, "The Girl in the Little Green Hat" (Scholl).

8.24: Soprano, Miss Lottie Colville, (a) "A Hole in the Fence" (Russell); (b) "The Fairy Pipers" (Brewer); (c) "Wee Bit o' Love" (Spencer).

8.30: Recording, vocal quartette, The Big Four, "When the Guards are on Parade" (Nicholls).

8.33: Bob Bradford and His Radio Sextette, (a) "Just an Echo in the Valley" (Campbell Connolly); (b) "Great Big Bunch of You" (Warren).

8.39: Baritone, Clive Hindle, (a) "The Wheeltapper's Song" (Charles); (b) "Until" (Sanderson).

8.44: Saxophone Solo, Noel Haggood, "Valse Vanite" (Wiedoft).

8.48: Recording, Chorus, The Jolly Old Fellows, "Chorus Hits of Yesterday" (Part 2).

8.51: Soprano, Miss Lottie Colville, (a) "The Kerry Dance" (Molloy); (b) "Bluebells" (Phillips).

8.56: Bob Bradford and his Radio Sextette, (a) "Black-Eyed Susan Brown" (Hoffmann); (b) "We Just Couldn't Say Good-bye" (Woods).

9.2: Weather report and station notices.

9.4: Reserved.

9.19: Bob Bradford and His Radio Sextette, (a) "What a Perfect Combination" (Ruby-Akst); (b) "Kiss by Kiss" (Rose); (c) "Let's Put Out the Lights" (Hupfeld).

9.27: Baritone, Clive Hindle, (a) "The Glory of the Sea" (Sanderson); (b) "Fleurette" (McGeoch).

9.32: Dance music.

11.2: Close down.

4YA

10.0: Selected recordings.

10.15: Devotional service.

12.0: Lunch music.

2.0: Selected recordings.

3.15: Lecturette, Mr. E. S. McFarlane, "Review of Music."

3.30 and 4.30: Sports results.

5.0: Children's hour, conducted by Wendy and Aunt Leonore.

Dinner Music.

6.0: International Novelty Orchestra, "Carmen Sylva" Waltz (Ivanovici). Orchestre Symphonique de Paris, "L'Arlesienne Suite—Entr'acte—Le Cuisine de Castelet" (Bizet). Grand Symphony Orchestra, "Dance of the Waves" (Catalani). Violin and Organ, De Groot and Herbert Dawson, "Drink to Me Only With Thine Eyes" (Calcott).

6.17: International Novelty Orchestra, "Eva" Waltzes (Lehar). De Groot and His Orchestra, "For Ever and For Ever" (Tosti). The Band of H.M. Coldstream Guards, "Floradora" Selection (Stuart). Zonophone Salon Orchestra, "Eleanor" (Deppen). Vienna Philharmonic Orchestra, "Dorfschwalben" Waltz (Strauss).

6.43: Organ, Edward O'Henry, "Dream Lover" (Schertzinger). Vienna Philharmonic Orchestra, "Hungarian Dance No. 3" (Brahms). Orchestre Symphonique de Paris, "L'Arlesienne Suite" Intermezzo (Bizet).

6.52: Columbia Symphony Orchestra, "Badinage" (Herbert). International Novelty Orchestra, "Emperor" Waltz (Strauss).

7.0: News and reports.

7.30: W.E.A. Session, J. Renfrew White, "Teeth" (2nd. of series).

Concert Programme.

8.0: Thirty minutes of recordings.

8.30: Recordings, Band of H.M. Gren-

DUNEDIN

adier Guards, "New Sullivan Selection" (arr. Godfrey).

8.38: Quartet, The Philharmonic Four, "An Old Story" (Warner).

8.42: Cornet, George Christie (N.Z. Champion), "Nordische" (Hoch).

8.51: Recording, Sketch with Barrel Organ, "The Volunteer Organist Up-To-Date."

8.57: Quartet, The Philharmonic Four, "Joy and Sorrow" (Sullivan).

9.0: Weather report and notices.

9.2: Talk, Martin F. Cock, "The Romance of the British Cathedrals."

9.17: Recording, Band of H.M. Grenadier Guards, "Old Folks at Home and in Foreign Lands" (Roberts).

9.25: Contralto, Maude Kenward,

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"Three Fishers" (Hullah). Quartet, The Philharmonic Four, "All Through the Night" (Trdl.).

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

9.36: Cornet, George Christie, (a) "The Trumpeter" (Dix); (b) "Absent" (Metcalf).

9.43: Quartets, The Philharmonic Four, (a) "Breathe Soft Ye Winds" (Paxton); (b) "O Peaceful Night" (German).

9.50: Piano, Clarice Drake, "Impromptu in F Minor" (Schubert).

9.56: Recording, Massed Military Bands, "The Gladiator's Farewell" (Blankenburg).

10.0: Close down.

HOME recording apparatus has suffered almost total eclipse in Germany. At the Leipzig Fair only one exhibit was entered.

IN 1932, 2825 prosecutions were made against pirates in Britain. Fines and costs amounting to £2853 were imposed.

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WEDNESDAY, JULY 5

IYA

- 10.0: Devotional service.
 10.15: Selected recordings.
 11.0: Talk, "Karere," "Women's Interests."
 11.15: Selected recordings.
 12.0: Lunch music.
 12.30: Relay community singing from Town Hall.
 2.0: Selected recordings and literary selection.
 5.0: Children's hour, conducted by Uncle Reg.

Dinner Music.

- 6.0: Berlin State Opera Orchestra, Oberon Overture (Weber). Concert Orchestra, "Sous Bois" (In the Forest) (Staub). Jacques Jacobs Ensemble, "Es-pana Waltz" (Waldteufel). Columbia Symphony Orchestra, "March of the Toys" (Herbert).
 6.19: The Royal Music Makers, "Ah! Sweet Mystery of Life" (Herbert). Dajos Bela Orchestra, "Viennese Life" Waltz (Translatour). Opera Comique Orchestra, "The Sootchintsi Fair—A Hot

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820 k.c.

- Day in Little Russia" (Moussorgsky).
 6.31: String Orchestra, "From the Squirrel Album"—(a) "The Midship-mite"; (b) "Heather"; (c) "Village Dance" (Brown). Peter Biljo's Balalaika Orchestra, "The Wide Dni-per" (Ukrainian Medley). Piccadilly Orchestra, "Souvenir di Capri" (Bece). New Mayfair Orchestra, "Five O' Clock Girl" Selection.
 6.44: International Novelty Orchestra, "I Love You Truly" (Bond). H.M. Grenadier Guards Band, "Country Dance" (German). Marek Weber and His Orchestra, "Siren Magic" Waltz (Waldteufel). Columbia Symphony Orchestra, "The Flatterer" (Chaminade). De Groot and His Orchestra, "Zinetta" (Geehl).
 7.0: News and reports.
 7.30: Relay of the Governor-General's speech at the opening of the Auckland Winter Exhibition.
Concert Programme.
 8.0: Selected recordings.
 8.30: March, Auckland Watersiders'

- Silver Band, "Dreadnought" (Rimmer). Cornet, "Love's Garden of Roses" (Wood).
 8.39: Recording (baritone), Maurice Elwin, "Big Ben Saying Good-night" (Murray). Recording (violin), "Giulietta Morino, "Little Love Nest" (Cama).
 8.45: Soprano, Reta MacCullay, (a) "Afton Water" (Hume); (b) "Dewy Violets" (Scarlati).
 8.52: Selection, The Band, "Strauss Valses" (arr. Hume).
 9.0: Weather forecast and notices.
 9.2: Talk, H. J. Edwards, "With the Big Game Hunters in Africa."
 9.17: Recording, Polydor String Orchestra, "Gipsies' Camp" (Oschert).
 9.20: Soprano, Reta MacCullay, "Little Chinese Mandarin" (Phillips); "In the Garden of My Heart" (Ball).
 9.23: Novelty, The Band, "Popular Hit Medley" (arr. Bovey).
 9.30: Dance music.
 11.0: Close down.

2YA

- 10.0: Selected recordings.
 10.30: Devotional service.
 11.30: Lecturette, "Hollywood Affairs."
 12.0: Lunch music.
 12.30 to 1.30: Relay from the Town Hall of Community Sing. Selected recordings.
 3.0: Lecturette, Ruth Hay, "Materials Required for Tissue Activity, Foodstuffs as a Source of Energy."
 3.30 and 4.30: Sports results.
 5.0: Children's hour, conducted by Uncle Ernest.

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 (Kern). Miniature Concert Orchestra, "Yesterthoughts" (Herbert). Grand Symphony Orchestra, "Slavonic Rhapsody" (Friedmann).
 6.32: Eastbourne Municipal Orchestra, "Silhouettes"—(a) "Introduction"; (b) "Le Coquette" (Arensky). New Queen's Hall Light Orchestra, "Wood Nymphs" Valsette (Coates). Brunswick Concert Orchestra, "Sylvia" (Speaks). De Groot

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- 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. (2YC, 1010 kilocycles, after-dinner music).
 7.40: Lecturette, Our Gardening Expert, "For the Home Gardener."

Concert Programme. (Selected Recordings).

- 8.2: Novelty, Jack Payne's Band, "The Lord Mayor's Show" (Sarony).
 8.5: Baritone, Peter Dawson, "Sing a Song of London" (Strachey).
 8.8: Banjo quartet, Emile Grimshaw's Banjo Quartet, (a) "A Swanee Sing Song"; (b) "Snaches of Song" (Grimshaw).
 8.14: Male Quartet, The Big Four, "Smile, Darn Ya, Smile" (Rich).
 8.17: Marek Weber's Orchestra, "Village Swallows from Austria" (Strauss).
 8.20: Vocal Gems, Light Opera Company, "Monsieur Beaucaire" (Messenger).
 8.28: Reserved—Selected recordings.
 8.40: Talk, Dr. Guy H. Scholefield, O.B.E., "World Affairs".
 9.0: Weather forecast and notices.

Recent London Theatre Successes.

- 9.2: Orchestral, Savoy Hotel Orpheans, "Sing Brothers" (Tunbridge).
 9.5: Vocal gems, Light Opera Company, "The Merry Widow" (Lehar).
 9.13: Humour, Saville Theatre Performers, "Horroritorio" (Tunbridge).
 9.19: Orchestral, Savoy Hotel Orpheans, "Hoch Caroline" ((Tunbridge).
 9.22: Vocal gems, Light Opera Company, "Casanova" (Benatzky).
 9.25: Waltz, Ambrose's Orchestra, "Sleep On" (from "Helen") (Offenbach, arr. Korngol).
 9.28: Baritone, Noel Coward, "Mad Dogs and Englishmen" ("Words and Music") (Coward).
 9.31: Pianoforte, Raie da Costa, "Words and Music" Medley (Coward).
 9.34: Vocal Gems, Light Opera Company, "Bow Bells" (Hamilton).
 9.38: Orchestral Selection, Debroy Somers Band, "Out of the Bottle" (Ellis).
 9.46: Vocal Gems, Light Opera Company, "Hold My Hand" (Gay).
 9.50: Marek Weber's Orchestra, "Marching Song" (Three Musketeers) (Benatzky).
 9.53: Finale, Light Opera Company, "White Horse Inn" (Stalz).
 10.0: Close down.

3YA

- 10.0: Devotional service.
 10.15: Selected recordings.
 11.0: Talk.
 11.15: Selected recordings.
 12.0: Lunch music.
 2.0: Educational Session: (1) Mr. W. A. Rumbold, Headmaster, Sydenham School, Christchurch—Talk on two native birds: The Weka and the Native Pigeon. (2) Mr. J. A. Masterton—The fourth of four lessons in practical sten-cilling. (3) Dr. Beeby, Lecturer in Psychology, Canterbury College: How They Live in America.
 3.0: Selected recordings.
 3.30 and 4.30: Sports results.

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- 5.0: Children's hour, conducted by Uncle Allan.
Dinner Music.
 6.0: Berlin State Opera Orchestra, "Caliph of Bagdad" Overture (Boieldieu). Edith Lorand Orchestra, "The Wedding of the Winds" (Hall). New Queen's Hall Orchestra, "Carmen—Entr'actes Acts 2 and 4" (Bizet). Terence Casey (organ) and De Groot (violin), "Parted" (Tosti).
 6.17: Marek Weber and His Orchestra, "Potpourri of Waltzes" (arr. Robrecht). London Novelty Orchestra, "Happy Dances" (Barn Dance) (Godfrey). Band of H.M. Coldstream Guards, "Martha" Selection (Flotow).

- 6.36: Edith Lorand Orchestra, "The Merry Widow" Selection (Lehar). London Novelty Orchestra, "The Brooklyn Cake Walk." The New Queen's Hall Orchestra, "Carmen" Overture (Bizet).
 6.50: Terence Casey (organ) and De Groot (violin), "Cavatina" (Raff). Edith Lorand Orchestra, "Ever or Never" Waltz (Waldteufel).
 7.0: News and reports.
 7.30: Addington stock market reports.

Concert Programme.

- 8.0: Relay of Concert Programme from Station 4YA, Dunedin.
 10.0: Dance music.
 11.0: Close down.

4YA

DUNEDIN

650 k.c.

10.0: Selected recordings.
 10.15: Devotional service.
 10.45: Lecturette, J. V. Hanna, "Physical Culture."
 12.0: Lunch music.
 2.0: Selected recordings.
 2.15: Lecturette, Home Science Department, "Soups, and How to Make Them."
 2.45: Relayed description of the Rugby football match, Otago High School v. Waitaki High School (annual match), at Carisbrook Ground.
 3.30 and 4.30: Sports results.
 5.0: Children's hour, conducted by Aunt Gretchen.
 6.0: London Palladium Orchestra, "Classica Selection" (arr. Ewing). Jacques Jacobs Ensemble, "Wiener Blut" Waltz (Strauss). Paul Whiteman and his Concert Orchestra, "Caprice Futuristic" (Malneck).
 6.17: Albert Sandler and his Orchestra, "For You Alone" (Geehl). London Symphony Orchestra, "Khowantchina—Persian Dances" (Moussorgsky). Fritz Kreisler, Hugo Kreisler and M. Raucheisen, "Syncopation" (Kreisler).
 6.27: Dajos Bela Orchestra, "The Grenadiers" Waltz (Waldteufel). Berlin

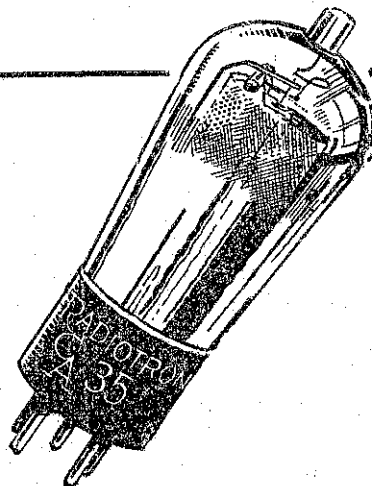
State Opera House Orchestra, "Academic Festival Overture" (Brahms). J. H. Suiro Celeste Octet, "On Wings of Song" (Mendelssohn). Gil Dech Ensemble, "Italian Nights" (Roberts).
 6.45: Organ, Stanley Macdonald, "La Rosita" (Dupont). La Scala Orchestra, "The Secret of Susanna—Overture" (Wolf-Ferrari). National Symphony Orchestra, "The Irish Washerwoman." Royal Opera Orchestra, "Naila" Waltz (Delibes). Opera Comique Orchestra, "Gopak" (Moussorgsky).
 7.0: News and reports.
 8.0: Recording, The B.B.C. Symphony Orchestra, "First Movement from Symphony No. 8" (Beethoven).
 8.9: Soprano, Evelyn Shepard, (a) "On Mighty Pens" (Haydn); (b) "The Rose Enslaves the Nightingale" (Rachmaninoff).
 8.15: Selection, The de Rose Octet, (a) "Dreams"; (b) "Album Leaf" (Wagner).
 8.23: Recording, Grand Opera Company, "Aida"—Vocal Gems (Verdi).
 8.30: Piano recital by Helmuth Hoffman, (a) "Italian Concerto" (Bach); (b) "Rhapsodie in C Minor" (Brahms); (c) "Concert Study D Flat Major" (Liszt).

8.54: Tenor, C. R. Williamson, "O Vision Entrancing" (Thomas).
 9.0: Weather report and notices.
 9.2: Reserved.
 9.17: Selection, The Octet, (a) "Aubade a la Fiancee"; (b) "The Blue Mediterranean" (Volpatti).
 9.25: Soprano, Evelyn Shepard, (a) "The Song of Autumn" (Elgar); (b) "Gentle Shepherd" (Pergolesi).
 9.31: Recording, John Drinkwater, (1) "Mystery"; (2) "Vagabond"; (3) "Moonlit Apples"; (4) "Birthright" (Drinkwater).
 9.35: Selection, The Octet, (a) "Meditation" (Scassola); (b) "Kuyawiak" (Wieniawski).
 9.41: Recording, The Grand Opera Company, "Favourite from Grand Opera" (Wagner-Bizet-Verdi).
 9.46: Selection, The Octet, (a) "The Butterfly" (Bendix); (b) "Aisha" (Lindsay).
 9.53: Tenor, C. R. Williamson, (a) "The Last Hour" (Kramer); (b) "Oh, Could I But Express in Song" (Malashkin).
 9.59: Recording, Massed Military Bands, "Radetzky March" (Strauss).
 10.2: Close down.

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RADIOTRONS

THURSDAY, JULY 6

IYA

10.0: Devotional service.
10.15: Selected recordings.
11.0: Talk, "Cooking and Recipes."
12.0: Lunch music.
12.30: Relay of mid-day service from St. Matthew's Church.
12.50: Lunch music.
2.0: Selected recordings.
3.30: Home Science Talk, prepared by the Home Science Extension Service of Otago University.
5.0: Children's hour, conducted by Aunt Dorothea.

Dinner Music.

6.0: Percy Pitt and Augmented Symphony Orchestra, "Poet and Peasant" Overture (Suppe.). Organ: Quentin MacLean, "Lily of Laguna" (Stuart). Menorah Symphony Orchestra, "Bar Kochba" Selection (Goldfaden).
6.19: New Queen's Hall Orchestra, "Carmen" Ballet Music, Act 4 (Bizet). Herman Finck and His Orchestra, "Offenbachiana" (arr. Finck). B.B.C. Wireless Military Band, "Golliwog's Cake Walk" (Debussy).
6.32: Herman Finck's Orchestra, "Schubertiana" (arr. Finck). J. H.

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Squire Celeste Octet, "Moonbeams and Shadows" (Squire). Court Symphony Orchestra, "The Windmill Man." Jean Lensen and His Orchestra, "Love's Last Day" (Benatsky).

6.52: J. H. Squire Celeste Octet, "The Ant's Antics" (Squire). Bournemouth Municipal Orchestra, "The Merry Brothers" (Gennin).

7.0: News and reports.

7.30: W.E.A. Session: N. M. Richmond—"The development of political ideas: (b) The Contemporary Scene: 'The Trend to Dictatorship—Russian Model.'"

Concert Programme.

(Relay to 1ZH, Hamilton.)

8.0: Recording (Selection), Ray Ventura and Orchestra, "Songs of Gershwin" (arr. Goudey). Recording (Baritone), Hubert Bisdell, (a) "Mary, My Mary"; (b) "Best of All" (Leslie).

8.17: Piano Recital, Vinogradoff, "Second Hungarian Rhapsody" (In which he introduces his own cadenza) (Liszt).

8.24: Recording, Berlin Symphony Orchestra, "Czar and Carpenter" (Lortzing).

8.30: One-Act Play, Mrs. Zoe Bartley Baxter's Players, "Her Last Act" (Anonymous).

9.0: Weather forecast and notices.

9.2: Talk, "Episcopus": "Under Tropic Skies."

9.17: Recording (Vibraphone), Will Kalika, "Vincha—Glocken" (Bells of Vincha), (Theimer).

9.20: Recording (Soprano), Pilar Arcos, (a) "Far From Seville" (de Torre); (b) "Sing Guitar" (Villajos).

9.26: Piano Recital, Vinogradoff, "G. Minor Prelude" (Rachmaninoff); "Military Polonaise in A Major" (Chopin).

9.37: Recording (Tenor), Richard Tauber, "The Linden Tree"; "Good-night" (Schubert).

9.43: Paul Godwin Orchestra, "Lute Serenade" (Wismar).

9.46: Light Opera Company, "Helen" (Offenbach).

9.54: Violin, Jan Rubini, "Romance" (Wienlowski).

9.57: Black Diamonds Band, "The Gypsy Dance" (George).

10.0: Close down.

2YA

10.0: Selected recordings.
10.30: Devotional service.
12.0: Lunch music.
2.0: Selected recordings.
3.0: Talk, prepared by the Home Science Extension Service of Otago University.
3.30 and 4.30: Sports results.
5.0: Children's hour, conducted by Big Brother Jack.

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

WELLINGTON

720 k.c.

Gladness Waltz" (Ancliffe). Regal Cinema Orchestra, "A Musical Jig-Saw" (arr. Aston). The Royal Opera Orchestra, Covent Garden, "Berceuse" (Jarneldt).

6.31: Paul Whiteman and His Orchestra, "Song of India" (Rimsky-Korsakov). J. H. Squire Celeste Octet, "Two Eyes of Grey" (McGeoch). Jack Hylton and His Orchestra, "When the White Elder Blooms Again" (Doelle). Dajos Bela Orchestra, "The Zarewitsch Potpourri" (Lehar). Paul Whiteman and His Orchestra, "Liebestraum" (Liszt).

6.52: Poltronieri String Quartet, "Allegro con Brio" (Bocherini). International Novelty Quartet, "Stephanie—Gavotte" (Czibulka).

7.0: News and reports. (2YC, 1010 kilocycles, after-dinner music).

7.30: W.E.A. Session, A. D. Munro, M.Sc., Lecturer in Chemistry, Victoria University College, "This Chemical Age—Chemistry and Civilisation."

Concert Programme.

(Relay to 2ZD, Masterton).

8.0: Special presentation of Charity Concert at the London Coliseum by Will McKeon and Company.

The following are some of the internationally known artists who will be heard: Sydney Rayner, Premier Tenor of the Opera Comique, Paris; Enid Cruickshank, contralto; William Murdock, pianoforte solos; Titterton, tenor; Roy Henderson, baritone; Armand Crabbe, baritone; Maggie Teyte, soprano and Will Kalinka, vibraphone.

10.0 (approx.): Close down.

3YA

10.0: Devotional service.
10.15: Selected recordings.
11.0: Talk.
11.15: Selected recordings.
12.0: Lunch music.
12.30 to 1.30: Community singing on relay from the Civic Theatre.
2.0: Selected recordings.
3.15: Talk, prepared by the Home Science Extension Service of Otago University.
3.30 and 4.30: Sports results.
5.0: Children's hour, conducted by "Ladybird and Uncle Dick."

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980 k.c.

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 (arr. Myddleton). 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.

7.15: Review of Journal of Agriculture.

Concert Programme.

(Selected Recordings.)

8.0: Marek Weber and His Orchestra, "Vienna by Night" (Komzak).

8.10: Tenor, Tom Burke, "Macushla" (Rowe).

8.14: Viola, Lionel Tertis, "Du Bist Die Ruh" (Schubert).

8.17: Vocal gems, Zonophone Light Opera Company, "The Geisha" (Jones).

8.25: Xylophone solo, George Hamilton Green, "Jovial Jaspers" (Green).

8.28: Vocal duet, Ana Hato and Deane Waretini, (a) "Hoea Ra" (Canoe Song); (b) "Tabi Nei Taru Kino" (arr. Piripata).

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3YA (Continued).

8.31: London Theatre Orchestra, "The Merry Widow" (Lehar).

8.39: Humorous dialogue, John Tilley, "Army Estimates."

8.45: Bass-baritone, Peter Dawson, "Bedouin Love Song" (Pinsuti).

8.49: Piano, Ania Dorfmann, "Hungarian Rhapsody No. 10" (Liszt).

8.57: Contralto, Essie Ackland, "Melisande in the Wood" (Goetz).

9.0: Weather report and notices.

9.2: Talk, J. T. Burrows, "The Great-

ness of Ancient Greece and Rome in Sport."

9.17: The Light Opera Orchestra, "The Mikado" Overture (Sullivan).

9.25: Tenor, Enrico Caruso, "Vesti La Giubba" (On with the Motley) (Leoncavallo).

9.29: Violin, Mischa Elman, "Minuet in G No. 2" (Beethoven).

9.32: Vocal, Leslie Holmes, "The Girl in the Little Green Hat" (Rich).

9.35: Vocal quartette, The Four Voices, "When You Wore a Gingham Gown" (Gilbert).

9.38: The J. H. Squire Celeste Octet,

"Libestraum No. 3" (Dream of Love) (Liszt).

9.42: Tenor, Ernest McKinlay, "Hail Caledonia" (Stroud).

9.45: Dajos Bela Orchestra, "Dancing Demoiselle" (Fall).

9.49: Comedy sketch, Clapham and Dwyer, "It Isn't Cricket" (Clapham and Dwyer).

9.55: Baritone, Harry Dearth, "Old Barty" (Grant).

9.58: March, Polydor Military Band, "My Regiment" (Blankenburg).

10.0: Close down.

4YA

10.0: Selected recordings.

10.15: Devotional service.

10.45: Lecturette, M. Anderson, "Beauty Culture."

12.0: Lunch music.

2.0: Selected recordings.

3.30 and 4.30: Sports results.

5.0: Children's hour, conducted by Big Brother Bill.

Dinner Music.

6.0: Philadelphia Symphony Orchestra, "Danse Orientale" (Glazounoff). Herman Finck and His Orchestra, "Gaiety Echoes" (Monckton). Dajos Bela Orchestra, "Delirien" Waltz (Strauss). Marek Weber's Orchestra, "Coeur Brise" (Gillet). San Francisco Symphony Orchestra, "Caprice Viennois" (Kreislser).

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

6.35: The Royal Opera Orchestra, Covent Garden, "Eugen Onegin" Waltz (Tschaiakowsky). Bernardo Gallico and His Orchestra, "The Clock is Playing"

DUNEDIN

(Blaauw). Pavillon Lescaut Orchestra, "Clog Dance" (Fetras).

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

7.0: News and reports.

Concert Programme.

8.0: Recording, Savoy Orpheans, "Round the World" Medley (arr. Somers).

8.9: Male Quartet, The Harmony Four, (a) "Cheer Up Companions" (Becker); (b) "Simon at the Fair" (Herbert).

8.15: Selections, The de Rose Trio, "The Flying Dutchman" (Wagner).

8.23: Dramatic Nautical Episode

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(with effects), Radio Players (Producer Major F. H. Lampen), "The Signal"—Cast: Wireless Operator, A. McDowell; The Mate, J. McFarlane; The Second Mate, J. Kennedy; The Pilot, A. Jeavons; The Captain, F. H. Lampen (Landon). 8.52: Selections, The Trio, (a) "Keltic Dance" (Bullard); (b) "Keltic Lament" (Foulds).

9.0: Weather report and notices.

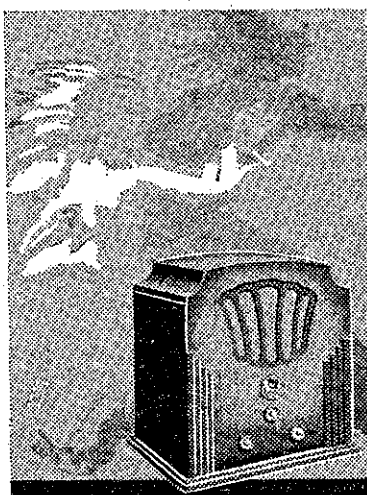
9.2: Talk, A. H. Williams, M.A., "Great Men in the World of Literature—Victor Hugo."

9.15: Waltz, The Trio, "Vienna Beauties" (Ziehrer).

9.23: Quartets, The Harmony Four, "Hey-diddle-diddle" (Geibel); (b) "Uncle Ned" (Dauskin).

9.30: Dance music.

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WIRELESS transmitters on racing cars may soon be a regular feature. One car so equipped has recently been built in England. The plant is to be used to communicate with the mechanics in the fuelling pit, giving instructions and receiving information regarding position in the race, speed of rivals and other particulars invaluable to the driver.

PROFESSOR Appleton whose researches in the electrical condition of the upper atmosphere have created world-wide attention, has now been installed in the new laboratory at Hampstead. Referring to difficulties at King's College where the "noise level" was very high, Professor Appleton stated that "at King's College it was rather like working in a fog, a London fog, in which one had to find the desired signals before one could observe and classify them." The new premises were opened by Lord Rutherford, of Nelson.

IN North Africa broadcasting is very important as an instrument of progress, for it is often the only method by which an official or a social organiser can address many Moslem women. It is reported that a good deal of progress will shortly be made in North African broadcasting stations. Algiers is to have its power increased to 75 kw., Rabat to 50 kw., and Tunis to 60 kw. These three stations are also to be interconnected by cables to harmonise their activity and enable them to help each other in case of need.

FRIDAY, JULY 7

IYA

- 10.0: Devotional service.
 10.15: Selected recordings.
 11.0: Talk, Mr. John Redfern, "Furnishing Atmosphere."
 11.15: Selected recordings.
 12.0: Lunch music.
 2.0: Selected recordings and literary selection.
 5.0: Children's hour, conducted by Nod and Aunt Jean.

Dinner Music.

- 6.0: Milan Symphony Orchestra, "Masaniello" Overture (Auber). Marek Weber and His Orchestra, "My Dream" Waltz (Waldteufel). New Mayfair Orchestra, "Follow Through" Selection (Henderson).
 6.18: Kirilloff's Balalaika Orchestra, "Medley of Old Time Songs." Dajos Bela Orchestra, "Electric Girl" (Holmes). Dajos Bela Orchestra, "Faust" Waltz (Gounod). Organ, Terence Casey, "Bird Songs at Eventide" (Conates).
 6.34: De Groot and the Piccadilly Orchestra, "If Only I Had You" (Davies). Novelty Orchestra, "Midnight Bells" (Heuberger). Edith Lorand Orchestra, "Toreador and Andalouse" (Rubinstein). Instrumental trio, Fritz Kreisler, Hugo

AUCKLAND

820 k.c.

Kreisler, M. Raucheisen, "Marche Miniature Viennoise" (Kreisler).

6.47: Plaza Theatre Orchestra, "The Busy Bee" (Bendix). Regimental Band of H.M. Grenadier Guards, "The Turkish Patrol" (Michaelis). Eddie Thomas' Collegians, "The Missouri Waltz."

7.0: News and reports.

7.30: Sports talk.

Concert Programme.

(Relay to 12H, Hamilton).

8.0: Selection, IYA Chamber Orchestra, under Harold Baxter, "Our Miss Gibbs" (Monckton).

8.9: Recording, The Four Voices, "Song Favourites of To-day." Recording (piano), The Two Octaves, "The Penguin's Patrol" (Reaves).

8.15: Bass-baritone, Arthur Wright, "The Yeoman of England" (German); (b) "Haere Tonu" (Horne).

8.22: Suite, The Orchestra, "Fantastique" (Foulds).

8.30: Sketch, The Baileys, "Salted Almonds" (Anstey).

8.39: Recording, Bert and Bob, (a) "Wanderer" (Flanagan); (b) "I Won-

der How the Old Folks are at Home?" (Yellen).

8.45: Recording (violin), Efrem Zimbalist, (a) "Orientale" (Cue); (b) "Valse Bluette" (Drigo).

8.51: Recording (soprano), Florence Austral, "A Memory" (Thomas).

8.54: Waltz, The Orchestra, "Roses from the South" (Strauss).

9.0: Weather forecast and notices.

9.2: Talk, John Harris, "Yacht Cruising in the South Pacific; To Rotomah; The Illice Isles, and Life in a Coral Atoll."

9.19: Bass-baritone, Arthur Wright, "Lighterman Tom" (Squire).

9.22: Sketch, The Baileys, Adapted from "She Stoops to Conquer"—Introducing Mr., Mrs. and Miss Hardcastle, and Tony Lumpkin and Young Marlow (Goldsmith).

9.35: The Orchestra, "Keltic Overture" (Foulds).

9.43: Recording, Parlophone Variety Veterans, "Veterans of Variety."

9.49: Special recording, "The Living Death" (Atkinson).

9.57: Recording, Arthur Pryor's Band, "King Cotton" (Souza).

10.0: Close down.

2YA

- 10.0: Selected recordings.
 10.30: Devotional service.
 11.30: Lecturette: Representative, Health Department, "Public Health Subjects."
 12.0: Lunch music.
 2.0: Selected recordings.
 3.30 and 4.30: Sports results.
 5.0: Children's hour, conducted by Mr. Adventure Man.

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 Hessel, "By the Waters of Minnetonka" (Lifurance). Miniature Concert Orchestra, "Punchin-

WELLINGTON

720 k.c.

ello" (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" (Cudman). Marek Weber and His Orchestra, "Fantasia on the Song, 'Long, Long Ago'" (Dittrich). Orchestra Mascotte, "Love Bells" Waltz (Benatzky). De Groot and the Piccadilly Orchestra, "Charmaine" (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 (2YC, 1010 kilocycles, After Dinner Music).

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

Concert Programme.

8.0: Overture, 2YA Concert Orchestra, (Conductor: Leon de Mauny), "Romanticque" (Kela Bela); "Romance" (Tschai-kowsky).

8.12: Selected recordings.

8.32: Selection, The Orchestra, "Lakme" (Delibes).

8.40: Talk, Mr. C. A. L. Treadwell, "Famous British Leaders—Disraeli."

9.0: Weather report and notices.

9.2: Selected recordings.

9.22: Selection, The Orchestra, Four Dances from "The Blue Bird" Fairy Play (O'Neill).

9.34: Dance music.

11.4: Close down.

3YA

- 10.0: Devotional service.
 10.15: Selected recordings.
 11.0: Talk, Miss A. R. Powell, "Feeding the Family."
 11.15: Selected recordings.
 12.0: Lunch music.
 2.0: Selected recordings.
 3.30 and 4.30: Sports results.
 5.0: Children's hour, conducted by Friday.

Dinner Music.

- 6.0: Berlin State Opera House Orchestra, "The Beautiful Galathea" Overture (Suppe). San Francisco Symphony Orchestra, "Rosamunde—Entr'acte" (Schubert). Marek Weber and His Orchestra, "La Belle Helene" Selection (Offenbach).
 6.17: Jack Hylton and His Orchestra, "More Melodious Memories" (Finck). J. H. Squire Celeste Octet, "Minuet Sicilienne" (Squire-Hart). London Symphony Orchestra, "Komarinskaya" (Glinka).
 6.34: Organ, Jesse Crawford, "La Borrachita" (Esperon). Musical Art Quartet, "Serenade" (Herbert). J. H. Squire

CHRISTCHURCH

980 k.c.

Celeste Octet, "Minuet in D" (Mozart). London Palladium Orchestra, "Selection of Operatic Gems" (arr. Forbes).

6.50: Organ, Jesse Crawford, "I Loved You Then as I Love You Now" (Axt). National Military Band, "Ben Hur" (Byng).

7.0: News and reports.

7.35: Mr. G. Lawn, "Employers' Additional Unemployment Benefit Scheme in Great Britain."

Concert Programme.

8.0: Studio Orchestra, Conductor Harold Beck, "Raymond" Overture (Thomas)

8.9: Mezzo-Contralto, Mrs. Anita Ledsham, (a) "The Sweetest Flower That Blows" (Hawley); (b) "The Second Minuet" (Besly).

8.15: Recording: Fritz Kreisler, "Humoreske" (Dvorak).

8.19: Baritone, Rev. L. A. North, (a) "The Lute Player" (Allitsen); (b) "Sea Fever" (Ireland).

8.24: Studio Orchestra, (a) "Aubade Printaniere" (Lacombe); (b) "Gypsy Airs" (Sarasate).

8.30: Special recordings.

9.0: Weather forecast and notices.

9.2: Reserved.

9.17: Studio Orchestra, Musical Comedy Selection "Wildflower" (Yeomans and Stothart).

9.28: Recording: Will Fyfe, "The Train That's Taking You Home" (Fyfe).

9.32: Mezzo-Contralto, Mrs. Anita Ledsham, "I Walked a Mile With Pleasure" (Burness-Loughnan); "Hills of Donegal" (Sanderson).

9.39: Recording, London Street Entertainers, "Old and New Melodies" (played on all kinds of instruments).

9.45: Baritone, Rev. L. A. North, (a) "The Diver" (McMillan); (b) "Obstinatation" (Fontenailles).

9.50: Valse, Studio Orchestra, "Artists' Life" (Strauss).

10.0: Close down.

4YA

DUNEDIN

650 k.c.

10.0: Selected recordings.
 10.15: Devotional service.
 10.45: Lecturette, Miss I. Finlay, "Cooking and Recipes."
 12.0: Lunch music.
 12.30: Relay of Community Singing from Empire Theatre.
 2.0: Selected recordings.
 3.15: Lecturette, Hazel Johnson, "High Hatting it for Spring."
 3.30 and 4.30: Sports results.
 5.0: Children's hour, conducted by Aunt Sheila.

Dinner Music.

6.0: Berlin State Opera House Orchestra, "La Feria—Spanish Suite" (Lacome). Johann Strauss and Symphony Waltz" (Strauss). Cello, Cedric Sharpe, Orchestra, "Freuet Euch des Lebens—" "Air" (Pergolesi).
 6.14: Orchestra Mascotte, "The Faithful Hussar" (Frantzen). Berlin State Opera House Orchestra, "Polonaise No. 2" (Liszt). Violin, Yehudi Menuhin, "Allegro" (Fiocco). H.M. Grenadier Guards, "Merrie England" Selection (German).
 6.36: String Orchestra, "Overture to Arundel Suite" (Brown). Frank Westfield's Orchestra, "Chu Chin Chow" Selection (Norton). Johann Strauss and Symphony Orchestra, "Thousand and One Nights" (Strauss). New Light Symphony Orchestra, "Hearts and Flowers" (Tobani).
 6.51: Lucern Kursaal Orchestra, "Dance of the Flowers" (Delibes). Orchestra Mascotte, "Woodland Joys" Novelty Waltz (Lindstrom).
 7.0: News and reports.
 7.30: W.E.A. Session, Dr. W. B. Benham, Professor of Biology, "Some New Zealand Birds."

Concert Programme.

8.0: Recording, New Mayfair Orchestra, "Follow Through" Selection (de Sylva).
 8.9: The Symposians present popular numbers.
 8.18: Humorous sketch, Miss E. M. Holland, "Mrs. McSweeney on 'Bike Riding'" (Spencer).
 8.24: Selections, The Octet, "Vagabond King" (Friml).
 8.32: Recording (male quartet), The Revellers, (a) "When Yuba plays the Rumba on the Tuba" (Huppfeld); (d) "Dancing in the Dark" (Schwartz).
 8.38: Selections, The Octet, (a) "Tango Land" (Lodge); (b) "Darkies' Holiday" (Lyons).
 8.44: Bass baritone, Reg Tapley, (a)

IN order to encourage the sale of licenses, the Italian radio authorities offer a reward to all listeners of twenty lire on proof they have induced a friend to register a wireless receiver. Owners of unlicensed radio sets are very heavily fined.

SOUTH AFRICA was responsible for opening a new chapter in radio history when Cape Town addressed the British Commonwealth of Nations from the top of Table Mountain. The proceedings were rebroadcast in England by the B.B.C. and the Earl of Clarendon, Governor-General of South Africa, inaugurated the broadcast from the study of his home in the city.

THE French Financial Commission has adopted certain paragraphs of the new Budget which calls for a listening tax on all wireless receivers. In addition, a surtax of 15 per cent. will be charged upon the retail price of all valves sold.

"The Highwayman" (Brahe); (b) "Because of You" (Solman).
 8.50: Recording (humour), George Graves and Myles Clifton, "The 'Ole in the Road" (Seamark).
 8.57: Intermezzo, The Octet, "La Vianette" (Cosky).
 9.0: Weather report and notices.
 9.2: Talk, N. S. Woods, M.A., "Famous Maori Chiefs"—Te Rauparaha.
 9.17: Fantasia, The Octet, "Bacchan-
 9.26: The Symposians entertain.
 alia" (arr. Finck).
 9.32: Sketch, Miss E. M. Holland, "Margaret Pow Goes to Paris" (Slater).
 9.38: Novelty Selections, The Octet,

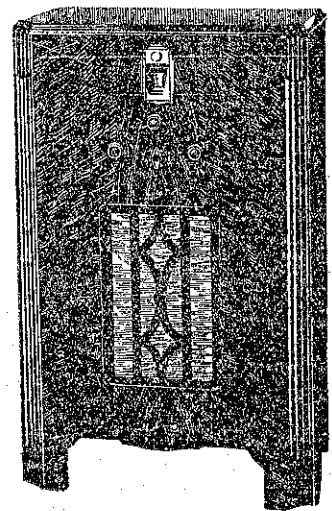
(a) "The Jolly Musicians" (Muscat); (b) "The Turtles Brigade" (Steele).
 9.45: Recording, Male Quartet and Debroy Somers Band, "War Marching Songs."
 9.48: Popular Melodies, The Octet (a) "On a Little Balcony in Spain" (Klein); (b) "I'm Just Wearing My Heart Out for You" (Keyes).
 9.53: Bass baritone, Reg Tapley, (a) "Market Day in the Old Sea Town" (Gilbert); (b) "Look Up to the Sunrise" (Brahe).
 9.59: Recording, Grand Massed Brass Bands, "Washington Greys" (Grafula).
 10.2: Close down.

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SATURDAY, JULY 8

IYA

2.45: Relay of running commentary on Rugby football match from Eden Park.
5.0: Children's hour, conducted by Cinderella.

Dinner Music.

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

6.15: Herman Finck and His Orchestra, "Melodious Memories" (arr. Finck). Plaza Theatre Orchestra, "Pearl O' Mine" (Fletcher). Marek Weber and His Orchestra, "Old Vienna" Gems from Lanner's Waltzes (Lanner). Menorah Symphony Orchestra, "Shulamith" Selection (Goldfaden).

6.36: Organ, G. T. Pattman, "Alice, Where Art Thou?" (Trdfl.). B.B.C. Wireless Military Band, "Dance of the Tumblers" (Rimsky-Korsakov). The Vic-

tor Olof Salon Orchestra, "Callirhoe" (Chaminade). Ketelbey's Concert Orchestra, "Wedgwood Blue" (Ketelbey). J. H. Squire Celeste Octet, "The Picanninies' Picnic" (Squire).

7.0: News and reports.

7.30: Horticultural talk.

Concert Programme.

8.0: Special B.B.C. Recording of a Musical Comedy entitled: "Postman's Knock."

9.0: Weather forecast and notices.

9.2: Talk, "Old Wire Whiskers" Ice and Icebergs—with the "Alice" in the ice.

9.30: Recording, Paul Whiteman and His Orchestra, "I Can't Give Anything but Love" (Fields).

9.24: Recording (Baritone), Foster Richardson, "Old Father Thames" (O'Hogan).

9.28: Recording (Piano), Edythe Baker, "Young and Healthy" (Warren).

AUCKLAND

820 k.c.

9.31: Recording, Sandy Powell, "Sandy the Convict."

9.34: Recording (Soprano), Elsie Sudaby, "A May Morning" (Denza).

9.37: Recording, Scott Wood Accordion Band, "After To-night We Say Good-bye" (Leon).

9.40: Recording, Layton and Johnstone, (a) "Please" (Rainger); (b) "Dreaming" (Connelly).

9.46: Recording, Rudy Wiedoeft, "Sax-O-Phun" (Wiedoeft).

9.49: Recording (Tenor), Terence O'Brien, "The Foggy Dew" (Fox).

9.52: Recording (Organ), Mr. and Mrs. J. Crawford, "Masquerade" (Loeb).

9.56: Recording, H.M. Grenadier Guards, "Acclamations" Waltz (Waldteufel).

10.0: Sports resume.

10.10: Dance music.

11.10: Close down.

2YA

10.0: Selected recordings.

10.30: Devotional service.

12.0: Lunch music.

2.0: Selected recordings.

2.45: Relay from Athletic Park of Rugby football match.

5.0: Children's hour, conducted by Aunt Molly and Uncle Jasper.

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 Fantasia" (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, "Szar 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: Orchestra Mascotte, "The Gypsy Princess Waltz" (Kalman). Zonophone

WELLINGTON

720 k.c.

Salon Orchestra, "Sweet Adeline" (Armstrong). Pavilion Lescaut Orchestra, "I Drive Out in My Little Limousine" (Cowler).

7.0: News and reports. (2YC, 1010 kilocycles, after-dinner music).

7.30: W.E.A. Session, H. G. Miller, M.A., Librarian, Victoria University College, "A View of U.S.A.—Puritanism and the Revolutionary Idea."

Concert Programme.

(Relay to 2ZD, Masterton).

8.0: Overture, 2YA Concert Orchestra, (Conductor, Leon de Mauny), "Italians in Algeria" (Rossini).

8.7: Recording, Ritz Quartet, "Medley of Old Ballads."

8.13: Recording (humour), Leslie Holmes, (a) "Rounder and Rounder"; (b) "B-B-B-Bertha" (Wallace).

8.19: Instrumental, The Orchestra, (a) "A Birthday Greeting"; (b) "My Lady Brocade" (Ketelbey).

8.27: Recording (vocal duets), Bob and Alf Pearson, (a) "Where the Lillies of the Valley Grow" (Fiorito); (b) "Sing, Brothers, Sing" (Tunbridge).

8.33: Selection, 2YA Concert Orchestra, "Helen" (Offenbach).

8.43: Lecturette, Dr. A. D. Carbery, C.B.E., President, New Zealand Association Fine Arts Society, "The Attributes Essential to Success in Life."

9.0: Weather report and notices.

9.4: Special Presentation of recorded version of one-act play, "My Adventures at Chiselhurst." An A. J. Allan Recital.

9.30: Trombone, Mr. R. Owers, "The Joywheel" (Sutton).

9.35: Recording (humour), Clarkson Rose, (a) "Pork Pie Pigs" (Foodall); (b) "What Should we do Without Gravy?" (Welsb).

9.41: Morceau, The Orchestra, "Slumber Song" (Squire). Valse, "Les Sirenes" (Waldteufel).

9.51: Recording (humour), Norman Long, (a) "The Willows" (Shepherd); (b) "Dick Turpin's Ride to York" (Le Clerq).

9.57: March, The Orchestra, "Castal-do" (Novacek).

10.2: Sporting summary.

10.12: Dance music.

11.12: Close down.

3YA

3.0: Selected recordings.

3.30 and 4.30: Sports results.

5.0: Children's hour, conducted by Riddleman.

Dinner Music.

6.0: Milan Symphony Orchestra,

CHRISTCHURCH

980 k.c.

"Mignon" Overture (Thomas). Organ, Jesse Crawford, "Serenade" (Romberg). New Symphony Orchestra, "Pastoral Dance from 'Nell Gwynn'" (German). Musical Art Quartet, "Deep River" (arr. Conrad Held).

6.18: New York Symphony Orchestra, "Entrance of the Little Fauns" (Pierne). Vienna Philharmonic Orchestra, "Die Fledermaus" Waltz (Strauss). Brunswick Concert Orchestra, "La Dansense" (Von Blon). A. and P. Gypsies, "My Memories."

6.34: The Salon Orchestra, "Chinese Lullaby" (Bowers). Orchestra Mascotte, "The Girl in the Taxi" Waltz (Petras). Peter Biljos' Balalaika Orchestra, "Blowing Winds" (Ukrainian Medley). The Salon Orchestra, "Sleepy Valley." Organ, Jesse Crawford, "Indian Love Call" (Friml).

6.49: The Little Salon Orchestra, "Springtime in the Forest" (Zimmer). A.

and P. Gypsies Orchestra, "Bohemian Romance."

7.0: News and reports.

Concert Programme.

("Music and Dances of Yesterday.")

8.0: Recording: Jack Hylton and His Orchestra, "Old Time Songs."

8.10: Bass, New Lyric Four, J. Richards, "When the Sunset Turns the Oceans' Blue to Gold" (Petrie). Part Song, "Juanita" (Norton).

8.16: Soprano, Julie Russell, (a) "What's in the Air To-day?" (Eden); (b) "Speak to Me of Love" (Lenoir).

8.22: Tenor, H. Blakely (New Lyric Four), "True Till Death" (Scott Gatty). Part Song "Old Folks" Medley (Foster).

8.30: Recording: International Novelty Quartet, "Lily of Laguna" (Stuart).

8.33: Baritone, R. Lake (New Lyric Four), "The Midshipmite" (Adams). Part Song, "Love's Old Sweet Song" (Molloy).

8.40: Recording: Edith Lorand Orch-

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estra, "Silver Threads Among the Gold" (Danks).

8.43: Tenor and Chorus, W. Bradshaw, "The Quilting Party" (Harrington). Part Song, "Rocked in the Cradle of the Deep" (Night).

8.48: Soprano, Julie Russell, (a) "Carmen" (Wilson); (b) "I Wonder If Love is a Dream" (Forster).

8.54: Baritone and Chorus, R. Lake, "There is a Tavern in the Town" (Lee). Part Song, "Old Folks at Home" (Foster).

9.1: Weather report and notices.

9.4: Opening announcement (D. Coss-grove, M.C.) "Old Time Programme."

9.7: Lancers, The Christchurch Salon Orchestra, Conductor Francis Bate, "Hearts of Oak" (Allan).

9.22: Waltz, The Salon Orchestra, "Over the Waves" (Rosas).

9.29: Recording: Character Song, Reg. Grant, "Daisy Bell" (Dacre).

9.32: The Salon Orchestra, Schottische "Ping Pong" (Bracket).

9.39: Quadrilles, The Salon Orchestra, "Osborne Quadrilles" (Stephen Glover).

9.56: Recording: Comedian, Vernon Watson, (a) "The Future Mrs. 'Awkins" (Chevalier); (b) "Knocked 'em in the Old Kent Road"; (c) "Our Little Nipper" (Ingle).

10.0: Sports summary.

10.2: Waltz, The Christchurch Salon Orchestra, "The Skaters" (Waldteufel).

10.9: Alberts, The Salon Orchestra, "The Gondoliers" (Sullivan).

10.22: Waltz, The Salon Orchestra, "Roses of Picardy" (Wood).

10.29: Recording: Baritone, Thomas Marshall, "The Old Rustic Bridge" (Skelley).

10.32: Barn Dance, The Salon Orchestra, "La Tambo" (Dillea).

10.40: Waltz, The Salon Orchestra, "Blue Danube" (Strauss).

10.47: The Salon Orchestra, Military Two-Step "Policeman's Holiday" (Ewing).

10.54: Recording: Minstrel Show, The Mississippi Minstrels, "An Old Time Minstrel Show" (Parts 1 and 2).

11.2: Waltz, The Christchurch Salon Orchestra, "Sweet and Low" (Johnson).

11.9: Lancers, The Salon Orchestra, "Cosmopolitan" (Bidgood).

11.24: Recording: Character Song, Reg. Grant, "Where Did You Get That Hat" (Holmaz).

11.27: Waltz, The Salon Orchestra, "Destiny" (Baynes).

11.32: "For Auld Lang Syne" and Close down.

4YA

1.15: Relay of running description of Rugby football from Carisbrook Ground. 2.30 and 4.30: Sports results.

5.0: Children's Hour, conducted by Aunt Anita.

6.0: Piccadilly Orchestra, "The Waltz Dream" (Strauss). Plaza Theatre Orchestra, (a) "Scarf Dance"; (b) "Pierrette" (Chaminade). J. H. Squire Celeste Octet, "Operatica" (arr. Squire). Dajos Bela Orchestra, "Woodland Peace"

DUNEDIN

Waltz (Favilla).

6.22: J. H. Squire Celeste Octet, "Ave Maria" (Bach-Gounod). Coldstream Guards Band, "Suite Francaise" (Foulds) Marek Weber and His Orchestra, "Tres Jolie—Waltz" (Waldteufel).

6.42: Organ, Reginald Foort, "The Sacred Hour" (Ketelbey). Albert Sandler and His Orchestra, "Salut d'Amour" (Elgar). Opera Comique Orchestra, "Scenes Pittoresques"—March and Fete Boheme

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(Massenet). Orchestra Mascotte, "Amoureuse Waltz" (Berger).

7.0: News and reports.

Concert Programme.

8.0: Relay of old-time concert and dance programme from 3YA.

10.0 (approx.): Sports summary.

10.10 (approx.): Continuation of relay from 3YA.

11.32: "Auld Lang Syne" and close down.

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Radio Round the World

IN future London's police cars are to be equipped with short-wave wireless, and to avoid interference with broadcast reception communications are to be restricted to Morse code. Londoners will therefore not share the exhilarating custom of listening to police messages which is so popular in the U.S.A.

DESPITE the fact that Czechoslovakia possesses the high-powered Prague station and four provincial relay transmitters, the country is still not effectively covered, and a demand has been made that a further relay station be erected at Pilsen. Formerly in Bohemia, Pilsen is the well-known "Lager" brewing centre.

WHEN French listeners pay a license fee they will be able to criticise programmes with the hearty air of proprietorship possible only to listeners who pay for what they get. The Postmaster-General has stated the State stations will refuse all sponsored programmes and regard as its primary duty the satisfaction of the public.

THE new B.B.C. station at Droitwich will have two masts of the lattice steel type each 700 feet high. These will be similar in design to the 500 feet masts built for the Scottish Regional, North Regional and West Regional stations.

WIRELESS is to be enlisted in the campaign against the common house fly. It is announced by the French National Office of Social Hygiene that all scientific processes are to be employed in making war on flies. Radio will be used by speakers all over the world to preach a crusade of extermination.

PERSISTENT and pernicious piracy by amateur transmitters is to be attacked by the Radio Society of Great Britain. It was stated at a recent convention that there were actually members of the Society who were operating unlicensed transmitters. Several complaints were made of the piracy of another man's call sign.

A RADIO lottery has been launched in Italy in which prizes from 500 to 15,000 lire can be won. Tickets are awarded to listeners who can show they have in some way assisted the development of the national broadcast system.

KDKA has obtained exceptionally good results from an aerial secured to a "blimp" moored 1500 feet above the transmitter. The actual aerial is 500 feet in length and is connected to the transmitter by a feeder line. The object of the tests was to extend the range of broadcasting without increasing the power of the plant and to attempt to discover a transmitting level at which fading may be at a minimum.

IN Austria it is customary for residents to take their meals on the balconies of their houses in the summer months and here, complete with radio and gramophone, diners have thoroughly enjoyed their meals. Complaints have come to the police, however, from those who are not desirous of listening to the raucous loudspeaker of neighbours, and drastic regulations have been the result. The new edicts provide for substantial penalties if radio disturbs the peace and in future listening with head-phones only will be permissible on balconies and verandahs.

Here and There

Selections from this Week's Programmes

By "TRIPLE GRID"

INCLUDED among the recorded artists in Will McKeon's next bright show at 2YA on July 6 is Maggie Teyte, who has held the affection of English and American audiences for more than a quarter of a century. The writer had the good fortune to be present at her English debut at Queen's Hall, when a critical audience immediately acclaimed her triumph and predicted a successful future. Miss Teyte was then 19 years old and a year before had created a sensation in Paris as Melisande in Debussy's opera. When 15 years of age she left her Wolverhampton home to study under the great Jean de Reske, and ever since has marched from one triumph to another, in opera and concert work, in both England and America.

A REMARKABLE French poet, novelist and child prodigy, Victor Hugo has few rivals in his own country. In 1828, when 26 years old, he published several works in which his anti-classical tendency in style and treatment of subject were plainly visible. His drama "Cromwell," with its celebrated preface, followed, and this work threw down the gauntlet to the Romantic school. Hugo's poetry of this period has a melody and grace superior to anything he subsequently wrote, although there is a lack of that deep and original sense of life which characterises his later poems. During this period his critical essays, especially upon Mirabeau and Voltaire, attracted very wide attention. The revolution of 1848 threw him into the thick of the struggle, firstly as a conservative and later, possibly out of suspicion for Napoleon's designs, as a relentless leader of the Democrats.

AFTER the coup d'état of 1851 Hugo still pursued by publications in Brussels the founder of the Second Empire—"Napoleon le Petit." A wonderful mixture of satirical invective, lyrical passion and pathos flowed from his pen. Exiled, he went to live in Jersey, but in 1855 he was expelled with the rest of the French emigres. Finally he found sanctuary in Guernsey, and it was here in comparative quiet and solitude he wrote most of his great works. After the fall of the Empire, Hugo returned to Paris, where he spent the remaining years of a remarkably vigorous old age in occasional visits to the Senate and in adding to an already long list of literary works. We know him chiefly by translations of his popular writings, and the talk by Mr. A. H. Williams on July 6 from 4YA promises information and entertainment, for Victor Hugo is still a favourite with the reading public.

THERE is a possible justification for a little speculation as to the case Mr. Karl Atkinson will make out for "Uncle Sam's Music" at 2YA on Tuesday next—the glorious fourth, by the way. Owen Wister, American novelist,

and a man whose whole attention was at one stage focussed upon becoming a professional musician and composer, once said some illuminating things about certain aspects of America's advance in the musical art, among them the following: "In the field of composition America unquestionably suffered from the Puritan pall which shrouded so much of our early creative work. The English have never been a profound musical race; and at that time, some fifty years after the landing at Plymouth Rock, when England was revelling in the beautiful music of Purcell, our blue-nosed Pilgrim and Quaker forefathers were finding in music the double-distilled quintessence of fire and brimstone. It is difficult to estimate the damage done to music by the Puritan commonwealth. The genius of Purcell was one in which the British peo-

ple have reason to glory. Unfortunately, they were in a poor position to promote it; and when the overwhelming genius of Handel arrived, the native composer was neglected—a misfortune for which Britons even to-day are trying to atone."

INCLUDED in the "Music and Songs of Yesterday," scheduled for presentation at 3YA next week, is that ever-green favourite of this and earlier generations, "Silver Threads Among the Gold." In the early years of last century the Americans were literally our cousins, and no English-speaking union was needed to cement a friendship between the two nations. In those days American songs were our songs, and when Hart P. Danks, of New-haven, wrote his most popular song, it was as much English as it was American. As a boy Danks sang in many leading churches in America, and continued to identify himself with church choirs again after his voice broke. While attached to a Chicago church he began to write hymn tunes and popular songs, the latter having a very wide circulation. Anthems and opera came from his pen, and in all he left some 1200 compositions. Subsequently Danks became musical director of several of the leading churches of New York, and his death at 69 in 1903 removed one who was loved on both sides of the Atlantic.

ANNUAL RATES

Notice to Subscribers

The recent enlargement and consequent increase in the retail price of the "Radio Record" forces an adjustment in the annual subscription rate. Although the extra weight of the paper has raised the postage from ½d to 1d per copy, we do not propose to pass this on to subscribers, but to bear it ourselves, making the actual subscription rate only equal to the retail price of 4d. per copy. In addition, quarterly and half-yearly subscriptions will be accepted.

The following subscription rates now apply:—

12 months, post free, prepaid 17/6
6 months, post free, prepaid 8/9
3 months, post free, prepaid 4/6

While regretting the necessity for this increase in price, we believe the policy of improvement and enlargement is the only sound one in the circumstances, and will lead to a steadily growing circle of appreciative readers.

IN the galaxy of superb artists that has been New Zealand's good fortune to admire during the last two or three years there is no gainsaying the fact that one most favourably remembered is Lina Paliughi, who toured with the Williamson-Imperial Grand Opera Company. The appearance of a new star in the lyric firmament always holds the attention of concert and opera patrons, and Paliughi's advent here is something that will remain in memory for ever. A very young Italian-American coloratura soprano, her work created a furore in the Italian opera. With but three years' stage experience her success has been achieved with meteoric rapidity, and wherever she has sung her audiences have been amazed at the beauty of her art. Auckland listeners will be favoured by a renewal of her acquaintance by tuning to 1YA on July 4, when she will be heard in a recorded version of the "Mad Scene, from Lucia di Lammermoor."

THE British Post Office has embarked on an extensive advertising campaign, but it is not using radio for this purpose. The Assistant P.M.G. says:—"There is one method of advertising we shall not use, and that is the British Broadcasting Corporation. One reason is that it would interfere with legitimate interests of private enterprise; the other is that the British public would not stand for it."

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Radio Is Playing Big Part In Christchurch School Life.

All Sorts of Subjects Have Been Covered In
Comprehensive Weekly Programme

Special to the Radio Record

THE educational broadcasts which have recently been inaugurated in Christchurch are creating a great deal of interest, not only in the schools, but among the parents, too. Mr. F. C. Brew, M.A., of the Christchurch Training College, who organised the Wellington scheme and has also organised the "educasts" in Christchurch, gave a representative of "The Radio Record" some interesting details of these new broadcasts.

The programme of educational broadcasts for the State schools was begun on Wednesday, March 29, at 3YA, Christchurch, and has been continued on Wednesday of each week since then, from 2 to 3 p.m. The broadcasts will continue until December 6 next.

So far the topics taught include the following: School music, poetry and drama, the writing of English, modelling in clay, stencilling, the grasslands of Canterbury, four Canterbury bird studies, health pioneers, playways for infants in speech education, and travel talks. With one exception, the travel talks, the one lecturer has given a series of four lessons on successive Wednesdays in his special subject, so that at the end of the first month three lecturers had each given four lessons in a connected series. In the next month a fresh set of three lecturers each followed on with four consecutive lessons. In this way the organisers of the programmes (the Schools' Radio Programme Committee) have sought to ensure variety of subjects, variety of lecturers, and also continuity of teaching.

In most cases the lessons have been presented in classroom style, time being allowed for the "air" pupils to make notes, to ask questions of their own teacher, and to answer, for their own teacher's criticism, questions put by the studio teacher. In three sets of lessons the studio teacher has had children in the studio who are taught as a kind of control group, so that the pace of the lesson may be regulated. Speech, modelling and stencilling have been managed in this way, with excellent effect. Every teacher is supplied through the Education Gazette with an advance statement of teaching aids required: e.g., materials, diagrams, paints, cardboard, etc., copies of the words and music of songs to be studied; hints as to preliminary observation, as for example a preparatory study of certain specified grasses; and during the lesson itself teachers and children are invited to write to the lecturer for further information or for samples of lecture material. In short, the busy co-operation of the pupils is sought and encouraged, rather than passive listening.

The response of the schools has been keen, with the result that many children and teachers have been given a new impetus in and a fresh outlook upon their school work. A number of new schools has been enrolled in the past few weeks, but exactly how many will not be known until the receipt of the answers to a questionnaire now being prepared.

A number of appreciative letters have been received by the Schools' Radio Committee and by the individual lecturers, and some of the comments made have resulted in improving the programmes from the point of view of the convenience of the listening schools. In some schools only one receiving set is available, when either the classes have to be moved in and out of the one room, or the set has to be moved

NEXT WEEK

Full List of Winners in Music Lovers' Competition.

It was hoped that the announcement of the prize-winners in the Music Lovers' Competition would have been ready for publication in this week's issue of the "Radio Record," but unfortunately the results will not be available for publication till next week's issue.

The checking of entries will be completed to-morrow, and the names of the prize-winners will be published next week.

from one room to another. To facilitate this, a gramophone record is to be put on between lectures and the length of the session extended for about six minutes, that is until 3.6 p.m. instead of 3 p.m. Many copies of English composition and poetry dealt with in the air lessons have been distributed to the schools.

Future programmes will include topical geography of Canterbury, the age of discovery, typical infant-room activities, town planning, pronunciation of Maori names; and suggestions are now being invited for other subjects. The major part of the work has been done by the lecturers of the Christchurch Teachers' Training College, but some Christchurch teachers and a few special experts as well will take part.

The Schools' Radio Committee, through its convener, Mr. J. G. Polson, Training College, Christchurch, is always ready to receive suggestions for further improvement.

Australian Stations

(Continued from Page 7).

FRIDAY, JUNE 30.

9.30: What makes us really Human?
5—"Memory and Our Individual Experience." Professor J. Alexander Gunn. Transmission from Ballarat.

9.50: Community Singing, transmitted from Town Hall, Ballarat. Conductor, Stan. Jones. Community Singing Features supporting variety programme by well-known Radio Artists. From the Studio.

SATURDAY, JULY 1.

8.30: All sporting results.

9.30: Saturday Dance Night and Variety by A.B.C. (Melbourne) Wireless

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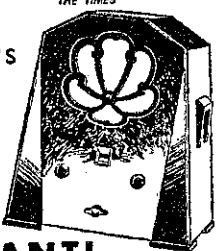
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Dance Orchestra, and Pauline, Judith and Joan, Sisters Three in Harmony. Alan Barry, Baritone. Ken. Mountain, Comedian. Wireless Dance Orchestra, Foxtrot. Pauline, Judith and Joan, Harmonised Voices with Ukulele accompaniment, "Lord You Made the Night Too Long" (Young). Wireless Dance Orchestra, Waltz. Alan Barry, baritone, "Gypsy Moon" (Borganoff). Wireless Dance Orchestra, Foxtrot. Ken. Mountain, comedian, "A Mountain of Mirth." Wireless Dance Orchestra, Foxtrot. Pauline, Judith and Joan, "I'm Not Fond of Walking" (Ricketts). Wireless Dance Orchestra, Waltz. Alan Barry, baritone, "Moonlight, the Danube and You" (Mannheimer). Wireless Dance Orchestra, Foxtrot. Ken. Mountain, comedian, "A Mountain of Mirth." Wireless Dance Orchestra, Foxtrot. Pauline, Judith and Joan, Again in Harmony, "I Hear the Bees Humming" (Zamecnik). Wireless Dance Orchestra, Waltz. Alan Barry, baritone, "I'm Looking for a Girl named Mary" (Seft). Wireless Dance Orchestra, Foxtrot. Ken. Mountain, comedian, "A Mountain of Mirth." Wireless Dance Orchestra, Foxtrot. Pauline, Judith and Joan, "I'm Longing for You" (Hathaway). Wireless Dance Orchestra, Waltz. Alan Barry, baritone, "Silver Hair and Heart of Gold" (Maurice). Wireless Dance Orchestra, a Group of Favourite Foxtrots.

Brahms' Centenary

(Continued from Page 5).

"Brahms ought to have lived to be a hundred; he only died because he lived too well, because he abused his stomach and his liver. At the restaurant of the 'Red Hedgehog'... he was known as an insatiable glutton. Small of stature, with eyes screwed up and head framed in a bushy beard, an enormous stomach only too revelatory of his excesses.

"From the sentimental point of view the same calm, the same materialism: 'Whom did Brahms love? A lot of servant girls at inns. That counts for nothing. Clara Schumann? That's better; but in any case rather like a mother. Grand passion, unrestrained, furious, all-devouring, shaking the soul to its very foundations, is completely absent from the life of Brahms. For him love was a succession of passing fancies rather than love. He never emerged from the kind of sentimental torpor which he found agreeable.

"Such was the man, and the man explains the musician."

I do not agree with this, because a man's work is almost as often a reaction against his everyday habits as derivative from them. The soul is not infrequently at war with the body, and if Brahms's fleshy appetites were gross it by no means follows that his music was of a piece with them. Still, the point of view expressed in the article is rarely met with in this country and therefore worthy of attention. It is not those who are firm in their faith who ear sceptics and scoffers.

OWING to the increase in Chinese-owned stations in Shanghai, European residents find difficulty in tuning in stations transmitting western programmes.

Auckland Notes

(Continued).

ISABELLE MAUD CLUETT'S talk on "The English Countryside" was a pleasant feature of Thursday's 1YA programme. She told first of all of how hordes of motors on the "heavenly speedways" that are England's roads had spoiled rural beauty in many directions till the Society for the Preservation of Rural England had come to the rescue. In some cases it had saved unspoiled villages by establishing by-pass roads that kept motors out of such old world places—to the indignation of some old inhabitants, who "dangled their meddlin' fools who took away our chance of accident compensation." Through Surrey, with towns and villages whose names "sound like a chime of bells," into the West Country of Gloucester and Devon and then up to the Northern Lakes, the speaker took her listeners. It was well told, but a more personal note would have added to listeners' enjoyment.

JOHN HARRIS, skipper of the Water Lily, commenced his Pacific adventures from 1YA on Friday in a fashion that will compel interest even from

TALK BY GANDHI

Recording from 2YA on
Sunday, July 16

ON Sunday afternoon, July 16, at 3 o'clock, 2YA will broadcast an address by Mahatma Gandhi, the internationally-known Indian leader. Mr. Gandhi is one of the most venerated men in the country, and his high motives and austere life are respected even by his opponents.

He speaks the English language fluently and his address—a spiritual message to mankind—is finely delivered and recorded, and should appeal to all thoughtful persons.

those with little liking for the sea and ships. He has a pleasant voice, struck the necessary personal note that took listeners aboard with him, and there was a happy sprinkling of humour. The three foundation adventurers bought the 68-year-old Water Lily with their last penny, and had to sell their patent log to buy an old scow mainsail in Auckland. When they had provisioned the boat they had only a few shillings left among the seven aboard—or, rather, nine, counting the two black kittens. These mascots got tremendously excited when fish were being caught—they secured every flying fish that came aboard—pranced round wildly when dolphins were near, and had to be lashed to the mast when a whale hove in sight. Mr. Harris is a natural story-teller, and his weekly talks, following his first halt in the Fijis, should be followed by everyone.

COPENHAGEN recently relayed five simultaneous baptisms. It is stated the infants provided strong signals.

A PAGE OR TWO FOR WOMEN

The Busy Bee In Modern Cookery

By "Kuki"

OF all the people who eat honey, how many ever give a thought to the interesting legends and beliefs associated with it? Yet there is no more fascinating subject of folklore than that concerning the bee and its honey. It is also one of the most ancient of folklore records, for the story of the bee goes far into the mythical past, even to the Court of Jupiter himself. There is a fable which tells how when the mother of Jupiter placed him in the care of Melissa, daughter of the King of Crete, in order to protect him from his father Saturn, bees brought honey so that the baby god might be properly nourished. But apart from this fable, honey was generally looked upon as the ambrosia of the gods. It was believed also that honey was the food upon which souls were fed in Paradise, and so it became identified with some religious ceremonies in different parts of the world.

In Norway, a drink made of honey and milk was placed in cups contrived from the skulls of enemies slain in battle, to be quaffed by the slayers in honour of the victory. A similar offering was made by the ancient Greeks to the souls of the dead; and long before the beginning of the Christian era, India considered honey as the much sought after elixir of life.

Scotland, too, has quite a number of superstitions and legends associated with bees and honey, and in olden times it was believed that the form the soul assumed after death was that of a bee. There are a number of interesting legends on this subject related by Hugh Miller. One of these tells about a man who fell asleep after returning from a long walk, and whose soul came out of his mouth in the form of a bee, which crawled away in the direction of a little burn flowing near the man's home. When the latter awoke he retained a convincing impression of having himself gone out and wandered by the side of the stream.

Legends and myths about honey are interesting, but more interesting to the practical housewife are some recipes on the subject. A few that can be recommended follow:—

Honey Roly Poly.

INGREDIENTS: One and a-half breakfast cups flour, half a cup of suet, 1 teaspoon baking powder, pinch of salt. Mix to a paste with water, roll out and spread with honey, then a layer of currants; roll up, tie in a cloth and boil for one hour. This is very nice if put in layers in a basin, covered with buttered paper, and steamed for 1½ hours.

Honey Bread.

TAKE ½-cup of sugar, 1 breakfastcupful of liquid honey, 1 breakfastcup of sour cream, 1 tablespoon of soda, 2 breakfastcups of flour, 1 teaspoon of ground ginger. Mix cream and sugar, then add honey and flour with ginger sifted through it. Lastly, add soda dissolved in 2 teaspoonfuls of boiling water. Cook one hour in moderate oven.

Honey Biscuits.

MELT 2ozs. butter in a pan, stirring in ½lb. of honey. Stir all the time until it boils. Remove from the fire and, when cool, stir in the finely chopped rind of half a lemon, 2oz. blanched almonds, a little grated nutmeg, 1 cup sifted flour, and ½oz. baking soda dissolved in a little warm water. Mix well, then set aside for several hours. Roll out, cut into squares, and decorate each with half a blanched almond, or a strip of lemon peel. Bake in a moderate oven.

Honey Candy.

TWO large cups sugar, 1 teacup honey, 2 tablespoons vinegar. Boil until it sets when dropped in cold water. Nuts can be added if desired.

Honey Drop Cakes.

THREE-QUARTERS cup of honey, ½-cup of butter, ½-teaspoon cinnamon, 1 egg, 1 cup raisins, 1½ cups flour,

Try This One.

PASTRY DELICACY

An old-fashioned delicacy worth attempting is made by cooking three-quarters of a pound of peeled and cored apples with four ounces of sugar and the strained juice of a lemon until thick and dry. Then add an ounce of chopped sweet almonds and two tablespoonfuls of apricot jam, and a few stoned and chopped raisins. Have ready some rounds of pastry, spread half of each one with the mixture, fold over, wet the edges, and secure them, and then pinch them together firmly; glaze them with milk in which sugar has dissolved, and bake in a moderate oven.

1-teaspoon baking soda, ½-teaspoon water. Heat honey and butter until honey melts white, warm all spices. When cold add part of flour, egg beaten, then soda dissolved in water, and the raisins. Add enough flour to make dough that will hold its shape. Drop in tin and bake in a moderate oven.

Some more useful recipes for the cookery scrapbook:—

Velvet Potato Soup.

PEEL and slice two large potatoes and one onion. Cover with water and boil till tender. Season to taste with salt and pepper, mash well. Add a pint of boiling milk and boil again for ten minutes very gently. Beat the yolk of one egg in the soup tureen, pour the soup over it, stir briskly, and serve at once without re-heating.

Rice With Blue Cod.

ONE smoked blue-cod, one chopped onion, 4ozs. cooked rice, 1oz. butter. Chop up the cooked fish and add it to the rice. Fry the onion in the butter and mix well in. Make all thoroughly hot and pile up on a dish.

RABBITS can provide splendid dishes, particularly in the autumn and winter, when they are in good condition. If properly treated they can be almost as tender and attractive as chicken:—

Pot-roasted Rabbit.

TAKE a three-quarter grown rabbit and wash thoroughly. Let stand in salt and water for 24 hours to take away the strong flavour. Make a stuffing of 2 cups breadcrumbs, 1 onion, 1 teaspoon chopped mint, 1 teaspoon chopped parsley, 1 tablespoon good dripping, salt and pepper to season and a little water to moisten. Fill the rabbit and sew up. Rub with flour and put into hot dripping and brown on both sides. Pour in one cup of water and cook slowly for two hours. Serve with gravy and mashed potatoes.

French Rabbit Pie.

RABBIT pie is often a dull, colourless dish, but it is quite different made in the French way. Skin, clean and cut up a three-quarter grown rabbit. Roll the pieces in pepper and salt. Add a little flour and fry them lightly in dripping; frying with them a quarter of a pound of lean bacon cut into cubes. When the meat is nicely browned pour a cupful of water into the contents of the stewpan, cover it and simmer gently for about an hour. Then allow to cool. Drain out the meat and pack it into a piedish, together with one or two hard-boiled eggs. Cover the pie with a nice crust and make a big hole in the top. Cook in hot oven until the crust is done. Reheat the gravy, adding a little wine if desired. Pour it in the hole and serve piping hot.

Potato Nests.

MAKE mashed potatoes with twice the usual amount of butter and a little cream. Whip this potato mixture to a light fluff, and shape with a spoon into the shapes of nests. Fill the hollow with a mixture of buttered peas and carrots. Brown lightly in a moderate oven. These nests make a nice garnish for a meat or fish dish.

THE formal opening of Austria's high power station at Bisamberg was made the occasion for a national festival.

THE dispute between the Associated Gramophone Companies and the Australian B station has ended. The B's may now broadcast any records pressed in Australia.

Help for Good Housewives

ENAMELWARE should have an occasional polishing with a good furniture cream. This preserves the enamel.

MUD spots on an umbrella can be removed by sponging them with methylated spirits.

EGGS for poaching should be placed in boiling water for a few seconds before cracking the shells. This prevents the yolks from breaking.

YOU may be glad of some ovals for sticking inside the heels of your court shoes. It often happens that the shoes slip at the back after they have been worn for a short time. Layers of chamois will prevent this.

WHEN cleaning silver use a wooden skewer dipped in the silver polish for cleaning between the prongs of the forks. The skewer soon wears sufficiently soft to work easily, and will not scratch.

BLACK satin slippers can be cleaned with vinegar applied with a soft sponge. If very bad renew the treatment, but let the shoes dry thoroughly before the second application is given.

LINEN when stored for any length of time, is apt to turn yellow. This can be prevented by wrapping it up securely in either black or blue paper, and then pack it away in an air-tight box.

IF you burn your hand on a flat-iron or on a hot oven shelf, moisten a piece of common soda with your tongue and hold it to the burn immediately it happens. This will instantly stop the pain and prevent blistering.

A LOOFAH that has been in use for some time is an excellent thing for cleaning all kinds of paint. It gets into the corners and crevices easily and though its slightly rough surface helps the cleansing it is soft enough to prevent any scratching of even the most delicate surface.

WHEN making loose covers for your chairs, cut out extra pieces in the same material to fit the arms. Of course the pattern of the material must match precisely. When these extra pieces are tacked in position they are almost invisible and when soiled can be washed easily. If this method is followed your loose covers will last fresh much longer, for it is always the material on the arms which gets soiled first.

IF you tear your umbrella and the breach is not too large, mend it with good black silk court plaster. This will be far less conspicuous than a darn. If it sticks and refuses to open, try applying a little olive oil to the pivots on which the struts and ribs work. It will perform wonders. Should

the handle become detached fill up the hole with ordinary brimstone, then heat the screw red hot and press it into the cavity. Leave undisturbed till

SAILED FOR SYDNEY.



Madame Winnie Fraser, the noted Christchurch singer, who sailed by the Marama a few days ago for Australia, where she will be engaged in broadcasting work for the Australian Broadcasting Commissioners from the principal stations in the Commonwealth. Madame Fraser, who will be missed from the ranks of the Canterbury Repertory Society's players, will be away about five months.

cold, when the handle will be quite firmly fixed once more.

Beauty Hints

NOW that the winter is here and dances and parties are in full swing it behoves us all to give a little more thought to our hair and complexion which, during the summer months, have been largely left to look after themselves, and as we examine ourselves in the mirror we note with dismay a shiny nose, brown neck and arms, freckles and enlarged pores. What can we do about it?

Many a good complexion is ruined by ill-treatment. Careful cleansing and nourishing will prevent lines and wrinkles and keep the skin clear and youthful. One of the finest things for purifying the blood and clearing the skin is the common or garden carrot. In some form or other eat carrots every day. One of the best cosmetics I know,

and the most efficacious as a skin food, is pure almond oil. Very oily skins are caused by a diseased condition of the oil glands which overstimulates their activity. If you are troubled in this way avoid an excess of fats in your diet. Foods containing vitamin A help to build resistance to disease and infections of the skin.

For local treatment the most important thing is to use plenty of soap and water as the basis for an oily skin. It is cleansing, to a certain degree antiseptic, and also a tonic and corrective. Skins vary so widely in their reactions that one rigid formula will not apply to all. Therefore you will have to work out for yourself the best technique of daytime skin treatments that will accomplish results most effectively for yourself.

Chilblains

THIS is the time of year when many people suffer much pain from irritating chilblains. To get rid of these the first thing to do is to attend to your diet and clothing. The diet must contain plenty of fat, this is essential as fat contains calcium, and it is a lack of calcium in the system which is the main cause of cold hands and feet and chilblains.

With regard to clothing looseness and warmth are the chief essentials. Woolen underclothes should be worn and all garments should be loose, for anything that impedes the circulation will bring about stagnation of the blood. Tight gloves and shoes are not only painful but dangerous, as they cause local congestion of the circulation which is the last stage in producing chilblains.

Plenty of exercise should also be taken to maintain an adequate supply of blood in the hands and feet. Massage the hands well once or twice daily rubbing from the fingers up towards the elbow. Do the same at night with the feet working towards the knees. If chilblains are broken a hot fomentation is a good treatment with an occasional soaking in hot water to which a little hydrogen peroxide has been added. Any broken chilblains should be kept scrupulously clean and treated as surgical wounds.

Take Counsel Here

Our expert on house management will be pleased to answer questions from women readers on household problems, beauty hints, dressmaking and cookery. Please address your queries to—

"TAKE COUNSEL HERE,"
Women's Department,
"N.Z. Radio Record,"
P.O. Box 1032,
Wellington.

A London Letter.

Forget the Winter—Think of Spring
and New Clothes.

CHILL blasts may lurk round every corner and fog may make grey days seem greyer, but here's a spark of brightness—a special letter from London setting out the latest in spring and summer fashions. Sales are now on in every town in New Zealand and, by the end of July, there will be on show just such garments as are described on this page. Colour will be a feature of the new season's frocks—and there's an interesting note, too, on what the well-dressed (or undressed) damsel will wear in the summer briny.

ONE of the most interesting dress shows that I have seen this season was staged last week by Burberrys of the Haymarket. It was especially interesting because it was a revelation of the distinction of their models and the excellence of their tailoring.

Take, for instance, a suit in navy worsted suiting with a grey pin stripe. The coat was hip length, collarless, and cut with clean lines that made for a slim appearance; it had a shaped shoulder yoke and a clip fastening. It fitted closely in front and a slight flare at the back carried out the "swagger" idea in a short coat.

Burberrys favour red in all its shades for many of their coats and suits, but blue comes next. An Air Force blue coat, collared with grey fox and worn with a little hat of silver-grey crackle crepe, was particularly charming—and there were one or two suggestions in green. A notable coat and skirt was in bottle-green soft wool, collared with red fox and made with a double-breasted fastening. The unusual buttons in two shades of green were a feature.

Among the red outfits there was a suit in tomato red flecked with black. The collarless coat was cut with a square neck and had a clip fastening.

Burberrys also showed the most advanced trousered suit for women that I have yet seen. It was made in a checked suiting and cut almost exactly like a man's lounge suit with a slightly fitting waist and a single-breasted fastening to the jacket. The trousers had correct turn-ups and creases. It was worn with a high-necked polo jersey.

Marshall and Snelgrove had a mid-season fashion parade last week when they showed their new creations for garden parties, race wear and other important spring and summer functions. The model gown buyer gave a highly interesting and instructive running commentary on the gowns, and one point that she made interested me particularly. She emphasised that the particular models that she was showing should be copied in the same material. They are all the result of thoughtful planning and are meant to be built of the same type of fabric as originally chosen by the creator.

FOR chilly spring days there was a coat and skirt in white and stone-grey checked tweed. It was worn with a white jumper-blouse and the new tip-up-at-the-back hat from Agnes's collection.

A beautiful evening gown in heavy silk with a pique appearance was moulded closely to the figure:

it had large epaulette loops of wide crepe ribbon in royal blue.

Some of the most entrancing frocks for Ascot or the Eton and Harrow match were made of embroidered lawn. In one case the little shoulder cape was edged with lace, and in another there was a coatee of plain lawn made with wide tucks and cut on positively tailored lines.

Another frock for a young girl was a dance dress in white taffeta with a printed golden stripe. It was quite lovely, and to go with it was a three-quarter-length coat with long tie ends to the collar. These were crossed in front and allowed to hang down behind, so gave a high-necked appearance to the coat.

If brevity is the soul of wit it is also the rule of the most amusing of the new bathing and sun suits.

The parade of beach and cruising wear arranged by Dickens and Jones, of Regent Street, provided some startling swimming suits. They seemed to meet with universal approval from the audience, although if they are to be worn successfully, slimming exercises must be followed assiduously between now and the holidays.

The new suits consist of a brassiere and a pair of abbreviated trunks. In some cases the top is buttoned on to the panties, or cut in one with them, but usually they are divorced. The suits are made in pastel shades and white for the most part.

For those who do not like to present quite such an Academy appearance on the shore there are practical well-cut suits with the low-cut sun back. Some models are made with the new "flared" shorts. A one-piece swimming suit was in royal blue wool with insets of royal blue and white stripes and a decoration of chromium buttons.

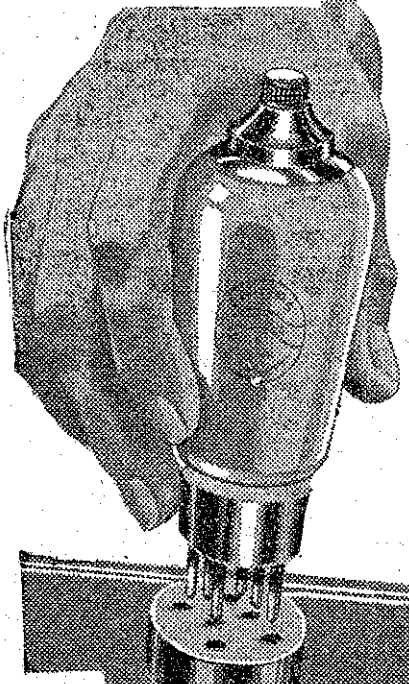
Not many pyjama suits were shown, but there were several attractive beach dresses designed for sun bathing and complete with a little coat that transformed them into frocks that could be worn for motoring or walking.

Isobel, of Regent Street, has some beautiful capes in white ermine that would be very suitable to wear over Court gowns. One of these combines the advantages of a cape and a coatee. The back has a coat effect—it is waist length—and the front with its envelope sleeves looks like a cape.

A beautifully worked ermine cape is made three-quarter length and has a tie collar. It is interesting to know that Isobel is making ermine coats for the evening on the lines of the new "swagger" models. The ermine is usually white, grey, peach, or banana coloured.

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W133R.

Women Make Good Managers For Mixed Clubs.

Must Never Make Particular Friends, However.

WE have always had plenty of men's and a few select women's clubs in our midst, but of recent years mixed clubs are springing up all around us, particularly in the outskirts of London, writes Marguerite Latimer in the "Morning Post." I have used the term "mixed" to indicate that such clubs are for both men and women, but actually many of these clubs combine social life with sport of various kinds and also with the arts, thereby affording for one subscription facilities for every type of member.

It is in this direction that I believe women make excellent managers or secretaries, for they have so many of the qualities which are essential in the organiser of a successful club.

I HAVE in mind a club which is situated some twelve miles from Central London. It offers tennis, dancing, bridge, billiards, and dramatics. The founder and manager is a woman, and that it is a great success is evidenced by the steady membership of some three hundred men and women, ranging in age from eighteen upwards.

Now, the first thing one expects of a woman manager of a club of this description is that she should be a good hostess. This, to a great extent, is right; but there are subtle differences between a club hostess and an ordinary hostess.

The club hostess must be a social inspiration, but she must never mingle or make particular friends. To set out to enjoy herself personally is to court disaster, for there must be no element of partisanship when it comes to the inevitable point of settling minor and major disputes. Nevertheless, the joy of running a club is sufficiently stimulating in itself to rule out the necessity for social intercourse in working hours.

The founder of this club, in which I have been a frequent visitor, sits slightly apart from the members. She hears everything and says very little—but when she speaks she always says the right thing.

She knows all about everybody's tennis and bridge, and, while not actively connected with the dramatic section, can always make a useful suggestion. She has safeguarded herself at every turn by putting the right people in charge of the various activities of the club, so that when points arise they can be referred to these people and no personal appeal is made to her to arbitrate. Thus she stands in glorious isolation giving the necessary tone to the club.

So much for the social side of her work. On the more practical side she

must be a woman of considerable achievements. To run a club properly it is necessary to know almost as much as a company secretary: how meetings should be conducted; various legal points, so that she may always keep on the right side of the law; and how



Addie Campbell,

the "Bendigo Nightingale," who will sing two selections of soprano solos from 3YA on Monday, July 3.

to budget for and order supplies.

Nobody need be deterred by this catalogue of qualifications, for they are within the power of any intelligent woman to master; but to plunge into the inauguration of a club, mixed or otherwise, with only a charming personality, energy, and the reputation of being "the life and soul of the party" is to risk wasting one's time and money.

Finger stalls can be cut from them, each with a point so that a tape may be threaded into it for tying round the hand.

HIGHLY interesting experiments are being carried out with a directional aerial system from WFLA, Milwaukee.

BRITISH licences increased by 71,000 during March of this year.

IF one or two newspapers are rolled tightly and then pressed well down between the arms and seat of a loose-covered chair they will keep the cover in position. The roll also keeps the material on the seat from becoming crumpled or creased.

WHEN your chamois leather gloves are worn out, don't throw them away. Scraps cut from them will be found useful in many emergencies.

Pleats and Plaids for the Well-Dressed Woman



2032—Frock with front fastening. Material required, three and three-quarter yards of 36-inch, three-quarters of a yard contrasting, 36-inch wide, and three-eighths yard of 36-inch for scarf. To fit size 36-inch bust. Other sizes, 32, 34, 38, and 40-inch bust. PAPER PATTERN, 1/-.

2233—Frock with inverted pleats and detachable cape. Material required, five and five-eighths yards of 36-inch and three-eighths yard of 36-inch contrasting. To fit size 36-inch bust. Other sizes, 32, 34, 38, and 40-inch bust. PAPER PATTERN, 1/-.

THOSE of you who are choosing winter clothes will be delighted with the designs on this page. This is a season when to be chic is to be individual. No hard and fast rules can be laid down as to the position of the waist-line or the skirt length, but see to it that your waist-line is where it is most becoming to your figure.

The long close princess line appears to be the effect most women are striving for, and the design 2032 is a charming model on these lines. Buttoned up to the neck and fashioned in herring-bone tweed, it is one of the smartest of the season's modes. Neck lines are creeping higher and higher, some almost reaching the ears. Many of the new coats button right up to the chin, and there are delightful scarf collars that swathe the throat. The costume with the hip length jacket is very popular, and the three-quarter length coat is also seen. Hats are small, some have brims which dip well down over the eyes. The back of the head is much exposed, and this necessitates a short neat coiffure.

Plaids and checks are having a great run, and these are being put to numerous uses. Dresses, too, are being made of tartan; scarves and gloves are trimmed with it. 1970 shows a striking model in tartan or check, the epaulettes on sleeves in plain colours, giving width to the shoulders.

2233 is a style that will appeal to many and will be found quite simple to make in the new flecked fabrics.

1970

2032

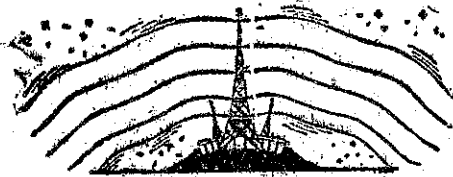
2233

1970 — Frock material required, three and three-quarter yards of 36-inch and one yard of 36-inch contrasting. To fit size 36-inch bust. Other sizes, 32, 34, 38, and 40-inch bust. PAPER PATTERN, 1/-.

The patterns for the garments featured on this page are obtainable from:—

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Dunedin Flocks To Hear Mary Pratt

Singer to Continue Her Studies in Europe

DURING the past few years Dunedin has produced many singers who have risen to remarkably high positions in their art in the Dominion, but there can be no doubt that, among the galaxy of vocal talent with which the city is blessed, the star of the greatest magnitude at the present moment is Miss Mary Pratt, whose glorious contralto voice, artistic maturity, and singularly appealing personality, have placed her in the foremost rank of her class. It was then no matter for astonishment that the Town Hall was filled to capacity on Wednesday evening last, when one of the most enjoyable concerts in the history of the city was given for the purpose of providing funds so that Miss Pratt might be enabled to continue her studies in the wider field of art provided by England and the Continent, the birthplaces and polishing grounds of so many of the world's greatest musicians and artists, writes the musical critic of the "Otago Daily Times."

That Miss Pratt is fully qualified to join the ranks of those with international aspirations is beyond argument, for competent critics who have been privileged to hear world-renowned singers have spoken in the most eulogistic terms of her vocal and artistic qualifications, and there is every probability that, as the result of the broadening of her artistic outlook and experience which will be made possible by her mingling with the haut monde of music, Miss Pratt will ultimately achieve to the highest pinnacle of her artistic profession.

The concert, which was organised by Mr. Ernest Drake, to whom must be given a very great deal of credit for the education of Miss Pratt to her present high state of artistic scholarship, was one which embodied the best of the musical and elocutionary talent which this city can offer, the result being that the huge audience showed no inclination to become restive even when the hour became late, for the entertainment occupied close on three hours. Miss Pratt, who received an enthusiastic welcome on her first appearance on the platform, once again enthralled her hearers with the purity of her lovely voice and the great depth of her artistic expression, and was required to answer repeated demands for encores. Her opening number was Saint-Saens's "Softly Awakes My Heart," which she sang with appealing artistry, her recall numbers being "Harbour Night Song," which was given with charming artistry, and "Barney O'Hea," a lilting and humorous little Irish ballad, which was sung with ineffable grace. Later in the evening Miss Pratt sang Beethoven's "Praise of God," and Handel's "How Changed the Vision," with great depth of artistic feeling, and in response to insistent demands for encores, sang "Doon the Burn," and "The Bonnie Briar Bush," with effortless grace and felicity.