

SIR SIDNEY LEE ON KING EDWARD VII.



THE OFFICIAL ORGAN OF THE B B C.

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EVERY FRIDAY.

Two Pence.

OFFICIAL PROGRAMMES

for the week commencing
SUNDAY, March 29th.

MAIN STATIONS.

LONDON, CARDIFF, ABERDEEN, GLASGOW, BIRMINGHAM, MANCHESTER, BOURNEMOUTH, NEWCASTLE, BELFAST

HIGH-POWER STATION.

(Chelmsford.)

RELAY STATIONS.

SHEFFIELD, PLYMOUTH, EDINBURGH, LIVERPOOL, LEEDS-BRADFORD, HULL, NOTTINGHAM, STOKE-ON-TRENT, DUNDEE, SWANSEA.

SPECIAL CONTENTS:

THE SONGS I LIKE TO SING.
By Astra Diamond.

WIRELESS IN EVERY SCHOOL?
By Arthur Greenwood, M.P.

DISGUISED THE SET.
By Robert Magill.

OFFICIAL NEWS AND VIEWS.

PEOPLE YOU WILL HEAR NEXT WEEK.

IMPORTANT TO READERS.

The address of "The Radio Times" is 5-11, Southampton Street, Strand, London, W.C.2.

The address of the British Broadcasting Company, Ltd., is 2, Savoy Hill, Strand, London, W.C.2.

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"Somewhere a Voice Is Calling."

By THOMAS BURKE.

[In the following article, Mr. Thomas Burke, author of "Limehouse Nights," "Whispering Windows," and other well-known books, makes some novel and amusing suggestions.]

THE baby science of radio, although so young, has already given us many benefits—some material, such as the saving of souls at sea; others less important, but still valuable. It has cheered sick people, and brought tidings and echoes of the great world into lonely places; but to me its most interesting achievement is that it has made us listen.

We all possess the five senses, but it is seldom that we fully develop them. Few people seriously use their eyes; few have a keen sense of smell; few really use the great gift that lies in their hands—the gift of touch—though that is the first instinct of the baby and of the lover. Fewer still really use their ears.

In this matter radio is helping us. It is quickening our slow sense of hearing, and making us sharply aware of voices. We hear the voices of our friends in conversation, and the voices of actors on the stage, but we have not, until now, completely listened as musicians listen to an orchestra. Half our attention has been through the eyes, looking at our friends, anticipating what they are going to say, or watching the graceful movements of stage figures. In radio we can employ but one sense; there is no distraction of the physical presence; and our ears are becoming more and more sensitive to the fine shades and the significant inflections of the human voice.

To many lonely people the voices of the announcers or of John Henry, coming out of nowhere, are clothed with character; and they become as familiar and as pleasing to the listeners as the faces of their friends. I know many old people who treat these voices as present companions and answer them with, "Oh yes," or "Quite so"; and numbers of people respond to the last "Good night," bidding farewell to a guest who is as actual to them as though he were visible and palpable.



MR. THOMAS BURKE.

I assume that all the announcers of the different stations are aware, by their correspondence, of the numbers of women who have fallen in love with them through their voices. If not, I can assure them that this has happened. All over England there are girls who listen eagerly for the voice of Mr. — or Mr. — or Mr. — (I leave the names blank, as I do not wish to create jealousy in the studios!) Whether, on a sight of the owner of the charming voice, love would develop or perish, I cannot say. It is a matter of taste; and we all know the story of the young man who married the soprano whose voice had enraptured him; and

(Continued overleaf in column 2.)

The Songs I Like to Sing.

By Astra Desmond, the Contralto.



Miss ASTRA DESMOND.

I HAVE been asked to write a few words about my favourite broadcasting song, and I find myself, in consequence, in rather a difficult position. I have no permanent favourite. If I were told that in future I was to be doomed to sing but one song only, I should be horrified, no matter what the song might be for, though there are many beautiful songs in existence, I know of none of which I should not like in time.

With me it is largely a question of mood. Sometimes I feel that I want to sing a certain song more than anything else in the world. The next day I may have the thought of it. Besides, one passes through phases of enthusiasm for particular songs and particular composers. At least, I do. A batch of songs arrives from the publishers, and one among them strikes me as being particularly good. I learn it, and sing it on every possible occasion.

Good and Helpful Friends.

After a time, my fancy is caught by something else, and I suddenly find I am tired of the first one. It is of no consequence, because it is highly probable that my friends are tired of it, too. I drop it—but only for a time. A few months later, perhaps, I come across it when turning out my music, and sing it again. In this way, it becomes a part of my regular repertoire. I no longer think it the only song in the world, nor sing it in season and out of season, but I have made my mind up about it, and it is there for use when I think the occasion suitable.

It is not otherwise where composers are concerned. I pass through periods in which I feel I want to seek myself in the works of one particular writer whom I admire. But then, like the boy in the confectioner's shop, I find that over-indulgence brings satiety, and I turn away, only to return, I hope, later, with a more balanced appreciation. The list of composers who have affected me thus is long and varied. It contains the names of Bach, Handel, Schumann, Duparc, Debussy, Cyril Scott, and Granville Bantock, to name only a few. I have loved them all (musically speaking, of course), got tired of them all, and concluded by making them all my very good and helpful friends.

Broadcasting and the Gramophone.

There are people, artists among them, who are loud in their lamentations over the success of the B.B.C. They talk as if the death-warrant of the legitimate concert had thereby been signed, and even the gramophone had been relegated to the scrap-heap of out-of-date curiosities. I am not one of these pessimists. If people like broadcasting better than the gramophone, I do not see why they should not be allowed to make their own choice. But I find they like both. They hear a good song on the wireless, and then buy a record of it, so that they may turn it on whenever they like.

In the same way they welcome an opportunity of hearing on the wireless a song which they already know from the gramophone. Thus broadcasting and the gramophone play into each other's hands to the advantage of both, and, as to the legitimate concert, no mechanical contrivance will ever supply the thrill of personal contact. The most enthusiastic supporter of the

wireless will be ready to admit that it can never be quite the same as an actual performance in a concert hall, where the magnetism of performer and audience has free play to act and re-act. Neither will the artist ever willingly forego the thrill of appearing in person before an audience, and swaying it by the combined force of art and personality.

Nevertheless, wireless has advantages which the concert hall cannot claim. For myself, I always feel, when broadcasting, a greater freedom of choice in respect of songs than when singing at a concert. I am not worried with the feeling that I must not sing a certain type of song because it will bore a part, at least, of my audience. Anyone who feels bored can switch me off. And, as for the audience, well, one has only to look at some of the figures giving the number of people who possess wireless sets, to realize what the B.B.C. is doing for the musical life of the nation.

A Fairy Godmother.

How many hundreds of thousands of musical lovers there are who, for one reason or another, are unable to attend concerts, and to whom the B.B.C. has appeared like a fairy godmother! And, by the way, we are actually beginning to suspect that we are not quite such an unmusical people as foreigners have declared us to be. If that be so, then the B.B.C. will take a leading part in developing and educating the inherent musical taste and ability of the nation. It is a great responsibility, but it is also a great privilege.

(Miss Astra Desmond will sing at the concert of Sir Edward Elgar's works to be broadcast to all stations except Chislehurst on Tuesday, March 31st.)

Vogue of the Guitar.

A Popular Instrument Under Many Names.

Gaily the troubadour touched his guitar
As he was hastening home from the war,
Singing: "From Palestine hither I come.
Lady love! Lady love! Welcome me home!"

WE all know that song. It is one of our proofs that the guitar is an old instrument. It has been popular in many countries under many names. In Shakespeare, it figures repeatedly as the lute, and a really famous guitar, brought to Britain before Shakespeare's time, is kept and shown at the Royal College of Music. Its back is of tortoiseshell, combined with ivory, mother o' pearl and ebony. It is the instrument which David Rizzio brought with him when sent from Savoy as Ambassador to Mary Queen of Scots.

An Ingenious Scheme.

The vogue of the guitar in England, however, did not begin until just after the middle of the eighteenth century. It looked then, for a while, as if it were going to supersede the harpsichord and the spinet in public favour. Women of fashion took to selling their harpsichords, or exchanging them for guitars; and Jacob Kirkman, the harpsichord maker of Soho Square, had to consider what he could do to be saved from ruin.

His scheme was ingenious. First he bought the harpsichords which the women were anxious to get rid of. Then he acquired a number of guitars and gave them away to shop girls, and even to young women of dubious reputation. The result was that the guitar became vulgar, and the harpsichord once more became fashionable. The great ladies sold their guitars and bought back their harpsichords at prices which yielded Kirkman a substantial profit.

"Somewhere a Voice is Calling."

(Continued from the previous page.)

Looking at her in the train after the ceremony, pleaded, "Mary, for Heaven's sake—sing!" I do not suggest that Phyllis or Joyce would make a similar request to Mr. Announcer; but there is a danger, and if Mr. Announcer values the happiness of young and loving hearts, he will keep himself hidden and exist only as a voice floating through the spheres and moving sudden fancies to clothe him in even fairer shape than his own.

All the women listeners that I know have their favourites among announcers, and listen idly to deputies or newcomers. They will analyse the voice for you, as they analyse the character or the faces of their intimates. They like the way he inflects certain words; they like the timbre of his intonation; they like the friendliness that lies behind his accents, and they turn from the somewhat chilly, though, perhaps, perfect enunciation of another.

Unconsciously we put as much of ourselves into our voices as into our eyes or lips or our walk; most of us are only now realizing this. Having listened regularly for two years to the announcers and readers of the various stations, I feel sure that, though I could not risk a description of their appearance, I could give an accurate reading of their general character—whether they are mean or kind, or hot-tempered, or suave.

The voice seldom changes. However my friends may disguise themselves with uniforms or beards, or the shaving of beards, there are two points by which I can always recognize them—two points of the human creature that never change—the voice and the back of the head. Faces alter; bodies alter; but the back of the head and the voice do not alter and cannot be disguised.

I can see trouble arising from this. I can see an announcer at some remote station being discovered by his heartbroken father from whom he ran away when a boy—simply by the way he pronounces his r's. I can see a heartbroken wife recognizing a voice in a wireless concert party, and tracking that voice across England from "2LO" to "5XX," and so to Birmingham, Nottingham, Stoke-on-Trent, Newcastle, Glasgow, Aberdeen, and Belfast, and discovering its owner in a studio; so that listeners in the British Isles will find a soulful rendering of "Bid Me Discourse," interrupted by "Go there you are, you beauty!"

Or the girl enraptured of a voice might write a shy letter of appreciation, and the letter might draw a reply; and it might end in a meeting; and the maid's vision of a young, strong, silent Army officer would be shattered by the fact of a stout old Hodge actor who had played with Irving. Or one of the announcers might find among his correspondence a note in delicate handwriting on lilac-tinted paper, signed Marjorie, expressing the delight that Marjorie had found in his voice, and he might be moved, if the time of the year were spring, to answer Marjorie's desire for a meeting, and meet a bedridden old lady.

Knowing how deeply the voices of announcers have moved susceptible young hearts, which are proof against bruised faces and handsome figures and clothes, but not against this novel enchantment of the invisible prince, I suggest that all announcers, before announcing the evening's entertainment, announce the fact of their marriage and their large family. That may mean the surrender of a large number of radio sets, but it will save a lot of trouble on the one side and a lot of hopeless heartache on the other.

Headphones by the Million.

Astonishing Results of Mass Production.

THOUGH the war had a paralyzing effect on industry generally, it certainly opened the eyes of our manufacturers to the advantages of mass production, and of late they have not been slow to apply to the needs of peace the methods by which, in the end, our Army was adequately supplied with munitions.

The most unpromising things to manufacture by these methods appear to be scientific instruments; but for some time several of these have been made on multiple principles, and a recent addition to their number is the headphone which is now produced in a factory in the Midlands with a system that is really amazing.

Perfect, but Simple.

This is a considerable achievement, because the modern headphone is not a scientific instrument merely; it is a scientific instrument of precision. When it was required almost solely for the reception of telegraphic signals, quality of reproduction and absence of distortion were almost negligible. But in broadcast receiving these things emphatically do matter. Tonal fidelity, in fact, is essential, and in the headphone produced by systematized manufacture it is attained.

To visit the factory is to get an object-lesson in planning and organization. At the outset, you see special machines everywhere—machines which, though they do their job perfectly, are yet simple. In addition to reducing the number of parts to the minimum, the engineers cut down the manufacture to pressing and stamping and assembly within a moulded container or car-piece. Moreover, they dispensed entirely with screws, studs and nuts, which do not enter into the construction of the headpiece at all. So there are no intricate, bewildering masses of cogs and gadgets such as you find in some engineering works.

Helped by the Aeroplane.

Typical of the whole of the manufacturing operations is the making of the sound-box, which forms a single unit. Its composition is a non-resonating material, into which the magnet and pole-piece assembly are embedded—a process carried out in a steam-heated press worked by hydraulic power.

Incidentally, the sound-box is an outcome of other lessons, besides those relating to mass production, learned during the war. For some of the improvements embodied in it are due to making magnetos for aeroplanes. The composition used for moulding the sound-box was discovered in connection with that work, and the magnets are made of cobalt steel, owing to the experience gained with that material in the manufacture of magneto magnets. An aeroplane magneto must have a very strong magnetic field, and the magnet must retain its magnetism even when subjected to continuous rough usage for long periods. Magnets with these qualities were made during the war, and this paved the way for the production of superior headphones.

Inspected at Every Stage.

Comparatively simple though the operations are, however, there is careful inspection in connection with them—an important feature of mass production. In some works, parts made like matches must be within 1-500in. or less of the required measurement, otherwise they are instantly rejected. Here there is inspection at every stage, followed sometimes by testing. Pole-pieces, for instance, are first inspected, and then afterwards subjected to a magnetic test,



(Drawing by Alfred Leete.)

"CONFOUND THESE MODERN INVENTIONS!"

which consists in putting them in a specially-designed instrument and then withdrawing them, a resultant kick on a ballast galvanometer indicating the flux density.

Great care is taken to make the inspection thorough and impartial. All inspectors work under a chief inspector, who is responsible directly to the works manager. So inspectors, not being subject to foremen, can reject parts or complete headphones without constraint or consideration of output.

Above the banging presses, on the top floor of the factory, is the assembly department—a large room that is a veritable human hive. Aligned along it are specially-designed benches, at which sit women and girls in neat blue overalls, some of the workers bent over spot lights, which supplement the general lighting when very fine operations are in progress.

One 'Phone in Fourteen Seconds.

These busy workers, to whom come all the parts from below, are divided into five sections, each of which produces complete headphones. Spool insulating, cord winding, attachment of leads, coupling coils and connecting to tags, fitting coils to magnets, connection of cords—these and other operations fall to a section. But every headphone is built up by passing it from hand to hand, no girl doing more than one little thing towards the complete headphone.

Such is sub-division of labour carried to the highest degree. It seems deadly monotonous, though women stand it well. In Birmingham you can see girls whose sole and constant task it is to roughen the edges of tins with a file—a process preparatory to making them air-tight. Nothing, surely could be more dull and uninteresting, but these ladies appear quite cheerful.

Next, and last, comes the despatch department, to which the headphones, each in a box numbered on a system that enables the date of boxing and the section that assembled the instrument within to be readily ascertained, are transported on a belt conveyor.

But before the headphones are finally passed, they enter a room where they are tested for reception. This is done by means of an electric transmission device, music from a gramophone taking the place of that broadcast from the stations. For this work blind ex-soldiers are employed, and they have proved themselves highly efficient.

As a result of this elaborate adaptation of means to ends, the factory—which employs two thousand hands, some of whom are engaged in making loud speakers—produces a headphone every fourteen seconds, or about twelve thousand a week.

T. W. WILKINSON.

England's Great Composer.

Elgar, the Self-Taught Genius.

A CONCERT of unusual interest is to be broadcast—S.B. in all Stations except Chelmsford—on Tuesday, March 31st, for on that date Sir Edward Elgar, O.M., is to conduct a programme consisting entirely of his own works.

There are probably few living musicians who are so indebted to their own labours for success as is Sir Edward. Born at Broadheath Common, Worcestershire, the son of an organist, who also kept a music shop, he early showed signs of his great musical talent. In spite of this latter fact, however, he was left more or less to his own devices, the whole expenditure on his musical education amounting to just over three pounds for a fortnight's tuition on the violin, and although he is now recognized as a master of orchestration, he never had a lesson on this difficult subject in his life. When quite a youth, he was apprenticed to a solicitor, but the law never appealed to him and he used to give violin lessons in his spare time.

Waltzes at Five Shillings Each.

In his early days, too, he added to his income by writing waltzes, polkas, etc., at five shillings a time, and nigger minstrel ballads for which he is said to have received eightpence each.

In 1870, he was appointed bandmaster to a Lunatic Asylum, where he coached players recruited from the attendants. It was in this capacity that he became familiar with almost every instrument, from the trombone to the big drum, and there are few instruments which he himself cannot now play.

But although he has been all his life absorbed in music, he is in appearance and manner not in the least like the usual musical genius. He is, indeed, typically English, both physically and in his mental make-up, and he is of such a retiring disposition that at first one is apt to think that he is a trifle proud. Those who know him well, however, are aware that Sir Edward is really one of the most genial and kind-hearted of men.

A Keen Sense of Humour.

As an instance of his extreme sensitiveness, some years ago he wrote to a fellow composer expostulating with him for having set to music two of the Psalms which contained anti-humanitarian sentiments!

Although Sir Edward is of such a reserved disposition, he has a keen sense of humour, a quality that he has possessed from his earliest years. When quite a boy, an amateur musician named Spark once played one of his own compositions at Elgar's father's house and all were loud in their praises except young Edward.

"And now what does little Edward think of it?" inquired the elated amateur.

"If you puff a spark too much, you will blow it out," was the future Knight's immediate and crushing reply.

More Appraisals.

Since he has become famous, his friends cherish many of Sir Edward's less well-known. Perhaps one of his best was made while he was on a visit to America. Like all celebrities who go "over there," he was literally hounded by the newspaper reporters in search of good "copy," and one night he was actually knocked up after he had gone to bed by an enterprising young pressman who explained that he had come as a representative of the *Born*.

"A representative of the moon would be more appropriate at this hour," said the great musician promptly.

CHARLES TRISTRAM.

Official News and Views. GOSSIP ABOUT BROADCASTING.

A Listeners' Club For Sheffield.

ABERDEEN has its Listeners' League, and now the Sheffield Station has formed a Listeners' Club with a rather different purpose from that of a League, while in its object it is thoroughly constructive. The Club idea is, indeed, worthy of emulation. In Sheffield the membership stands at 2,500, or thereabouts. Community singing concerts have been arranged. The first will take place at Victoria Hall on May 15th, when an augmented orchestra will perform and Miss Mavis Bennett, who has already been heard from the Piccadilly Hotel, London, and Miss Ema Roberts will sing. An organ recital will be introductory to the programme. The concert will be the first of its kind to be held in the city.

A Concert From Amsterdam.

A pleasure is in store for listeners on Thursday, April 2nd, when a concert is to be relayed by Chelmsford from Amsterdam, via Hilversum. The Amsterdam Orchestra will play items by Mozart, Handel, and Brahms. Miss Thoma Durign, a soprano of European fame, will sing, and the conductor will be Mr. Willem Mengelberg.

Bach From Soho.

Bach's *Passion Music* and St. Anne's Church, Soho, London, have come to be regarded almost as synonymous terms. That is because for more than half a century the music which typifies the Lenten celebrations has been given at the famous church near Piccadilly Circus. If Sir Joseph Barnby, one of the greatest organists of the Victorian era, who introduced the custom of giving the *Passion Music* at St. Anne's, were now living, we wonder what he would have thought of the broadcasting of the work to an unseen audience of two million or more people? Tests have recently taken place at St. Anne's, and it is proposed to transmit a performance of the work, with full orchestra, from Chelmsford ("5XX") on Friday, April 3rd, at 7.50 p.m. St. Anne's choir was one of the first church choirs to broadcast.

Lecture Recitals on Music.

Mr. Percy Scholes' Lecture Recitals, entitled "How Bach and Handel Made their Music," and "How Haydn and Mozart made their Music," broadcast from the Bolland Hall on March 14th and 21st, respectively, attracted a good deal of attention among music-loving listeners. Two further recitals of a similar character will be given by Mr. Scholes on March 28th and April 4th. On the former date he hopes to describe "How Beethoven made his music," and on the latter date his subject will be "Some of the Composers since Beethoven."

Three Popular Programmes.

Prior to the fortnight of British National Opera at Cardiff, in April, a special performance by the artists of the British National Opera Company will be given at Cardiff on Sunday evening, April 5th.

During the succeeding week, three Popular Programmes will be provided on different nights. Monday, April 6th, will be a Bristol night, intended specially for listeners of the West Country. Local artists will participate.

On the following Wednesday, the series of Welsh Hours will be continued, and on Saturday the seventh Request Programme will include, among other artists, Miss Constance Wentworth and Mr. Frederick Lake, both of whom are already known to listeners in the West. These Request Programmes have been very successful, if the correspondence which is being received is any indication. Those who have written may be assured that their suggestions will be carefully considered.

A Novel Programme at Birmingham.

Birmingham Station is breaking fresh ground on Thursday evening, April 9th, when the programme will take the form of a complete evening of instrumental solos. This is a change from the general type of programme. Monday, April 8th, will be reminiscent of the *Pilgrim's Progress* night which was recently broadcast from the Royal Opera House, Covent Garden. A special Beethoven Programme, conducted by Paul von Klenau, the well-known Viennese conductor, will include the *Requiem* and *Aria*. "The Incarnate Fiend," from *Fidelio*, and the "9th Symphony" (Choral). The artists are Miss Ursula Greville, Madame Alice Vaughan, Mr. Geoffrey Dams, and Mr. James Howell, with the Mixed Chorus of Wolverhampton Musical Society, the City of Birmingham and Station Repertory Chorus and the Augmented Symphony Orchestra. This concert will be relayed from Birmingham Town Hall.

An Afternoon of Chamber Music.

The London programme, S.B. to other stations, on Sunday afternoon, March 29th, will consist of chamber music. Several songs will be sung by Mr. Dale Smith (baritone), assisted by the Catterall String Quartet and by Miss Eidera Coopers, harpist (whose photograph appears in the opposite page). During the evening programme an address will be given by the Rev. Thomas Nightingale, General Secretary of the National Free Church Council.

Radio and Language.

Radio offers some interesting possibilities as a potential factor in the development of language and the improvement of diction. In an attempt to realize the ideal of beautiful speech, the Belfast Radio Players will, on Wednesday, April 8th, broadcast two groups of verses spoken in unison by a small chorus. The rest of Great Britain will thus be given an opportunity of learning something of value from Northern Ireland.

On the evening of April 8th, the Players will present two new sketches of Ulster life and character, one of which, *Horse Sense*, has been specially written for broadcasting by Gerald MacNamara. *Horse Sense* is characteristic of the author's style in its original and somewhat fantastic satire.

Youthful Musicians.

The Barnardo Musical Boys are to give the local programme on Saturday, April 11th, at the Dundee Station. Their instruments include hand-bells, sleigh-bells, miniature chimes, conchinas, marimbalaphones, and an assorted collection of tinkling cymbals. On the miniature chimes they will provide a selection of Scotch airs, introducing "Duncan Gray," "Robin Adair," "Mary of Argyll," and "Highland Laddie"; and on the handbells "Bonnie Dundee," "Blue-bells of Scotland," and other pieces. Mr. Reginald Whitehead (bass) will sing some of his characteristic rollicking songs.

"East to West."

Glasgow Station will give, on Saturday, April 11th, the first of a series of public concerts to be broadcast from St. Andrew's Hall. The programme, which will be relayed to Chelmsford, is entitled "East to West," and represents a musical journey across two continents, beginning in Japan with the "Japanese Suite," by Gustave Holst, played by the Augmented Station Orchestra. The idea will be to move to song and music westwards through Asia and Europe.

Liverpool's Welsh Night.

Liverpool is living up to its reputation, gained in another connection, as the capital of Wales. At the request of a large number of listeners, who, if the truth be known, probably include many *emigres* from the Principality, the Liverpool Station is giving a Welsh night on April 3rd. The orchestral works to be performed include the "Welsh Rhapsody," by German, and the vocal part of the programme is to be provided by the Liverpool Cymric Vocal Union, a male voice choir of some fifty members, who will render a programme of Welsh part-songs and solos.

Plymouth Composers.

Following on the recent local Composers' Night at Plymouth, Mr. Morris Gilbert, who took part in that programme, is giving a recital of his own compositions from the same station on April 8th. Some further compositions of his will be rendered by Miss Hilda Baker (contralto) and Mr. Albert Hesse (violin) with the Station Trio. Mr. Gilbert will include a recital of music by Mr. Gerald Phillips, a Plymouth composer of increasing popularity. The Lyric Male Voice Quartet and Mr. George Senterbury are contributing to the programme, and the latter will give a dialect recital, entitled "Jan on the Underground," by the well-known dialect writer, Jan Steven.

"The Elements."

Titled programmes are invariably welcomed by listeners, in spite of the fact that the single theme interwoven with such a programme often cannot be appreciated by some listeners, owing to the inevitable interruptions which occur from time to time while they are listening. The programme from London and Chelmsford, on Friday, April 3rd, is entitled, "The Elements," and all music and speech—and even the humour, which is to be contributed by Mr. Ronald Gouley—will have some connection with air, fire, or water. The artists are Miss Thelma Peterson, mezzo-soprano, Mr. Stuart Robertson, bass, and Mr. Anderson Tyrer, pianist. An interlude in the last half-hour will be given by "Quipa," this being his twelfth "World in Anecdote" talk on "Work and its Worries."

Burlesquing the Composers.

The London programme on Saturday evening, April 4th, will be provided by the orchestra, with English concertos solos by Miss Christine Hawkes, songs by Mr. Cyrus Garside, baritone, and humour by Mr. Jerome Murphy. The Irish entertainer, with Miss Toni Farrell. Miss Farrell is perhaps better known as Alison Travers, composer of many ballads. She is a pianist with a pronounced sense of humour in her work, which usually takes the form of playing a fox-trot in her own attractive way, repeating it, and then burlesquing the styles of great composers.

Violin and Piano Sonatas.

The Novelty Trio are to give a short entertainment for half-an-hour at London, from 7.35 p.m. on Thursday, April 2nd. The Chamber Music will include violin and piano sonatas played by Mr. Albert Simmons and Mr. Evelyn Howard-Jones, who have recently collaborated in producing the second "Jelous" Sonata. They will play this and also Beethoven's Sonata in F, which is better known as "The Spring Sonata." Mr. Herbert Heyner will sing seven songs from Schumann's "Dichter-Lieder," in English, and a group of modern English songs.

PEOPLE YOU WILL HEAR NEXT WEEK.



A Brilliant Harpist.
NO musical die-hard in defence of the principle of an all-male orchestra could sustain his case against the claims that could be made on behalf of Miss Sidonie Goossens, who is now widely known to the public as a member of the "2LO" Quartet and solo harpist from various B.B.C. stations.

She is a member of the Royal Philharmonic, Queen's Hall, Royal Albert Hall, and Eugene Goossens Orchestras, and last year toured the country with the London Symphony Orchestra. Miss Goossens is also a member of the staff of His Majesty's Theatre, where her first important engagement was in the production of *Chu Chin Chou*.



(Grace Beck & Macgregor.)
Mrs. GLADYS MERREDEW (entertainer) will give character stories from London on March 30th.

(Schuster.)
Miss SIDONIE GOOSSENS, who will broadcast from London on March 29th, and from Newcastle on April 2nd and 3rd.



(Harris.)
SIR EDWARD ELGAR, O.M., who will personally conduct a concert of his own works (B.B.C. to all Stations, except Chelmsford) on Tuesday, March 31st. An article on Sir Edward appears on page 3 of this issue.



(Longer.)
Mr. HERBERT HEYNER (baritone) will sing at London on Thursday, April 2nd.

(Longer.)
Miss WINIFRED SMALL (violinist) will play at Bournemouth on April 3rd.



(Grace Beck & Macgregor.)
Mr. ANGUS MORRISON will broadcast a piano-forte recital from London on March 29th.



Miss ADELINE SENIOR (soprano) will sing at Bournemouth on April 3rd.



Miss GABY VALLE (soprano) will broadcast at Manchester on April 1st.



(Deane.)
Mr. JOHN VAN ZYL (bass) will sing at various stations next week.



(Grace Beck & Macgregor.)
Mr. NORMAN MOTLEY (baritone), a popular contributor to radio programmes.

Pieces in the Programmes.

A Weekly Feature Conducted by Percy A. Scholes.

ELGAR EVENING.

(ALL STATIONS PROGRAMME, EXCEPT
CHELMSFORD, TUESDAY.)

OVERTURE IN D MINOR (AFTER HANDEL).

THE Handel Orchestra no longer exists. Try as we will, we cannot to-day reproduce its tone-colours and tone-balance, and herein lies the justification for Elgar's brilliant re-orchestration.

The piece consists of three sections, as follows:—

- I. *Majestic*. A slow Introduction of a firm and resolute air.
- II. *Quick and joyful*. In a free, fugal style, growing largely out of the "Subject" with which the Violins open.
- III. *Majestic*. A brief closing passage, modelled on the Introduction.

The score has lately been published by Messrs. Novello (7a, 4d.).

OVERTURE "IN THE SOUTH."

In the South (*Allegro*) is a musical record of impressions of Italy—more especially of "a glorious afternoon in the Vale of Aodora," with snow-tipped mountains on the horizon, and the blue Mediterranean, and with ruins at hand, suggesting thoughts of the strife and power of the old Roman civilization.

The tunes out of which "In the South" is constructed are all Elgar's own. One of them in the middle, a tune of pastoral feeling, has been spoken of as an Italian folk-tune, but the composer states that this is an error.

"In the South" was first heard in 1904.

FUNERAL MARCH from "GRANIA AND DIARMID."

Grania and Diarmid is a drama by W. R. Yeats and George Moore, for which Elgar wrote incidental music.

The *Funeral March* follows the death of Diarmid, wounded in a deer-hunt.

THE "ENIGMA" VARIATIONS.

The plan of this, Elgar's most widely popular work, is as follows:—

- A. Tune: nine Variations upon it.
- An Intermezzo.
- Three more Variations: A Finale.

The reason the Tune is called "Enigma" is curious. It seems that it is so written that another tune (one well known to us all) could be played with it, and even, it is said (though this seems amazing) with each of the Variations. Another interesting thing is the dedication of the piece, "To my friends pictured within," each of the Variations being preceded by the initials or nickname of the friend "pictured."

Taking this piece section by section, its course is:—

THE TUNE (*Gently moving along*). Note this carefully as it is played, for it offers the clue to all that follows. It falls into three sentences, as it were—six bars in the minor, four bars in the major, and then the first six bars repeated much as before, but ending with a major chord.

After pausing a moment on this chord, we pass into a whispered passage that leads into—

VARIATION I. (*At the same speed*). Dedicated to C.A.E., i.e., O. Alice Elgar, the composer's wife. The Tune is started very softly by FLUTE and CLARINET (Doubled by Violin and Viola *tremolo*).

VARIATION II. (*Quick*). Dedicated to H.D. S.P. A rapid run-about theme is treated sometimes in the Violins, sometimes in the Woodwind. The original Tune, after a time, appears underneath this in CELLOS and DOUBLE-BASSES.

VARIATION III. (*Prattly Quick*). Dedicated to R.B.T. A very happy treatment of the

Tune, mostly by the Woodwind. At the opening the Oboe has it.

VARIATION IV. (*At a good quick speed*). Dedicated to W.M.B. This gives the Tune much in its original form, with much added force.

VARIATION V. (*At a moderate speed*). Dedicated to R.P.A., i.e., R. P. Arnold, son of Matthew Arnold. This is a rather solemn Variation. At the opening the Tune is heard in CELLOS, DOUBLE-BASSES and BASSOONS, the Violins working against this a new Tune.

VARIATION VI. (*Gently moving along*). Dedicated to "Yasbel" (said to be the composer's daughter). At the opening, bits of the Tune are heard in the Lower Strings, but with the intervals widened (it is said that Yasbel is tall and has a bold stride). After a few bars a VIOLA SOLO is a prominent feature.

VARIATION VII. (*Rapid*). Dedicated to "Troyte" (said to be A. T. Griffiths, an architect). The Kettledrums are the heroes of this Variation; playing very vigorously a little figure founded on the opening of the Tune. Another feature of this Variation is a short ascending phrase that constantly begins very softly, works up to great loudness, and then begins again softly.

VARIATION VIII. (*At a gentle, rather quick pace*). Dedicated to W.N. (said to be Winifred Norbury, of Malvern). A very graceful Variation. Note at the opening two Clarinets (running parallel, six notes apart). This Variation ends with a note softly held by the Violins, which serves as a link with—

VARIATION IX. (*Slow*). Dedicated to "Nimrod." This Variation is throughout very dignified, yet full of feeling.

After a brief pause we start afresh with—

VARIATION X. INTERMEZZO (*At a gentle, rather quick pace*). Dedicated to "Dorabella" (said to be Miss Piny, of Malvern). This can barely be called a "Variation," as it makes little reference to the Tune. It is fairy-like in its delicacy. Muted STRINGS and WOODWIND give out little chirps and twitters, and then there creeps in a soft VIOLA SOLO.

VARIATION XI. (*At a good rapid pace*). Dedicated to G.R.S., i.e., the late Dr. Sinclair of Hereford Cathedral: note how his active organ pedalling is continually suggested in the Bass.

VARIATION XII. (*Gently moving along*). Dedicated to B.G.N. A SOLO CELLO begins, and the other Cellos then join it. Perhaps B.G.N. was a 'cellist. Without a break we pass into—

VARIATION XIII. ROMANZA (*Moderately quickly*). Dedicated to " " (said to be Lady Mary Lygon). The original tune is not much alluded to here. The piece is supposed to represent a seascape, for " " was on a voyage when it was written. A CLARINET SOLO, of two bars' length, opens the piece. The VIOLINS take up this little bit of Tune, and, after them, the FLUTE and OBOE. Soon there comes a little CLARINET Tune of a few descending notes, which Elgar, in his score, has placed in inverted commas. It is a quotation from Mendelssohn's *Calm Sea and Prosperous Voyage* Overture.

VARIATION XIV. FINALE (*Quick*). Dedicated to E.D.U. This is a very elaborate piece of some length. In its course there appear memories of some of the earlier Variations.

SYMPHONIC PRELUDE, "POLONIA."

This was written during the first year of the war, as a tribute to Poland and with a dedication to Paderewski. It was first played at a concert in the Queen's Hall in aid of the Polish Victims Relief Fund.

Most of the tunes used are Polish melodies, but an obvious exception is the typically Elgarian tune near the opening.

Listeners' Letters.

[All letters to the Editor must bear the name and address of the sender. Anonymous contributions will not be considered. The Editorial address is 2-11, Southampton Street, Strand, London, W.C.2.]

"The Wireless League."

DEAR SIR,—As an enthusiastic listener, I am astonished that it should have been thought necessary by a certain daily newspaper to inaugurate a so-called "Wireless League." It proposes to get seats for listeners on the Board of the B.B.C. Surely, this is unnecessary. What would be their duties, and would they be remunerated? If so, by whom? The B.B.C. know quite well what listeners think, and they do not want inexperienced people on their Board.

"Technical advice" is another of the League's objects. This is all very well in its way; but a league is not necessary to disseminate it. Any listener can get what he wants from books and from the wireless Press.

In what earthly way can the League better the Programmes? Only by criticizing, and as I have said, the B.B.C. already know their critics' opinions.

Personally, I think that many of the criticisms of the B.B.C. are most useful. Is it realized that the Company has only been in existence for a little over two years? Is it realized, too, that they give eighty-four different programmes every day? Could any league of listeners make things one whit better? I think not.

A great deal is talked about "free competition," but this is nonsense. If there were to be more than one Broadcasting Company, the confusion would be endless, and eventually they would have to co-operate—or even to amalgamate.

The extraordinarily inappreciative attitude of a large section of the public towards what has already been done for the small sum of 10s. yearly makes one almost believe that gratitude is dead. But it is not really dead, and I think that if another League could be started of B.B.C. admirers, the "grousers" would have an eye-opener.

Yours, etc.,

London, N.W.

S. F. P.

Wireless for Hospitals.

DEAR SIR,—I have received a copy of the *Oxford Times*, from which I learn that, as a result of my appeal from "2LO" on December 29th last, no less a sum than £600 has been raised in the City and University to equip the Radcliffe Infirmary and the Eye Hospital with wireless. The supporters of the scheme include the Bishop of Oxford and the Vice-Chancellor.

It would be interesting to know if any other city or town has done as well as this.

Yours, etc.,

Hove.

KENLE HOWARD.

Audiences in the Studio.

DEAR SIR,—Listeners generally, I have no doubt, are delighted to learn that there is the prospect of programmes being performed before real audiences. Much as they appreciate the good work of the studio, it was just that needed to give the "atmosphere" of reality, and probably, too, the performers themselves will be "bucked up" immensely, for they sometimes seem very tame and tired.

I feel sure also that thousands of listeners would be grateful to the B.B.C. if they would make it a condition of their "job" that all announcers should clearly announce the name of their station between every item. This would be not only a boon, but a blessing, as thereby a vast amount of "shielding" would be spared us through listeners striking in and trying to tune into some particular programme.

Yours, etc.,

Exeter.

W. P.

(Continued on the facing page.)

Listeners' Letters.

(Continued from the previous page.)

Is This a Record?

DEAR SIR,—I should like you to know that as I was unable to be home to listen to the Tetraxini concert, I telephoned home from public call-boxes on three occasions during the evening, and received portions of the programme by having an earphone held before the mouthpiece of the home telephone. A friend and myself were able to hear Mrs. Tetraxini splendidly, without even placing the telephone receiver to our ears; and, in fact, the reception was so good that her voice comfortably "filled" the call-box.

My receiving set consists of detector valve and one low-frequency amplifier, with reaction—indoor "Electron" aerial in basement room—no earth, and eight pairs of 'phones in series distributed to the top of a five-storied house.

Am I justified in regarding the above as an achievement? And do you think many people heard the concert in so novel a way?

Yours, etc.,

London, S.W.

A. H. R.

Wanted: More Music.

DEAR SIR,—With regard to the letter in *The Radio Times* on "Wanted—More Music," surely it is necessary to have a careful definition of "music" before the point can be dealt with satisfactorily.

The music to which one can listen whilst engaged in other occupations or amusements must obviously engage a part of one's mind only. Therefore, it is not great music—in the highest sense of the word. To enjoy great music, we must give up our whole selves to the business of listening. We have to work (often unconsciously) for all our pleasures.

Unhappily, there are many people who have not the spare time in which to create for themselves this pleasure. And (sadder still) there are many people with no inclination for, or understanding of, this pleasure. They have never found the secret. For these, a programme of good, light, gay, strongly rhythmic music is undoubtedly necessary. A part of one's mind is sufficient to absorb this.

Yours, etc.,

Cardiff, Glam.

D. M.

"Great Singers of Yesteryear."

DEAR SIR,—Whilst agreeing with most of the above-mentioned article, I would ask you to make a slight correction. Maas, the finest tenor of his day, was Joseph, not Edward, and he did not die from the effects of damp sheets. He caught a bad cold whilst taking (a favourite pastime of his), which developed into rheumatic fever and killed him on January 15th, 1890.

His monument (erected by public subscription) stands in West Hamstead cemetery, and a scholarship in his name was established by the Royal Academy.

Yours, etc.,

Stamford Hill,

C. E. G.

A Good Idea.

DEAR SIR,—Prior to getting my set fixed, I really did not know what a vast number of friends and acquaintances I had. Now they turn up in battalions, and as I have only five sets of headphones, I can only accommodate ten of them at once.

We have recently reopened our Cottage Hospital here, so I am having a collecting box where all can see it, and all listeners will be invited to drop a copper in the box, the proceeds to go towards fitting a wireless set for the use of the nurses and patients. If the other owners of sets fall in line with this, we shall soon be able to accomplish the object in view.

Yours, etc.,

Morcombs,

"BRADMORE."

A Song of Merrie England.

The Story of "The Floral Dance." By A. B. Cooper.

THERE are certain songs which, once heard, refuse to be banished from the memory. Such a song is "The Floral Dance," the idea for which Miss Katie Moss, the author of both words and music, picked up at New Quay, although the real "quaint old Cornish town" of the song, is Helston, twenty miles away on the other coast of the Cornish peninsula.

Helston is the home of the Floral Dance, a survival of Merrie England; but the natives call it the Furry Dance. Whether it has any connection with the goddess, or whether its origin is quite different, is a moot point, and is likely so to remain, but true it is that to this day, to the sound of the

Fiddle, 'cello, big bass drum,

Bassoon, flute, and euphonium,

playing a tune immemorially associated with it, the people, young and old, rich and poor, are

As I walked home on a summer night,
When the stars in heaven were shining
Bright,
Far away from the footlights' glare,
Into the sweet and scented air
Of a quaint old Cornish town;
Borne from afar on the gentle breeze,
Joining the murmur of summer seas,
Distant tones of an old-world dance,
Played by the village band perchance,
On the calm air came floating down
I thought I could hear the curious tone
Of the cornet, clarinet, and big trom-
bone,
Fiddle, 'cello, big bass drum,
Bassoon, flute, and euphonium,
Far away as in a trance
I heard the sound of the Floral Dance
And soon I heard such a bustling and
prancing,
And then I saw the whole village was
dancing.
In and out of the houses they came,
Old folk, young folk, all the same,
In that quaint old Cornish town.
Ev'ry boy took a girl by the waist,
And hurried her off in tremendous haste,
Whether they knew one another I care
not,
Whether they cared at all I know not;
But they kissed as they danced along.
And there was the band with the
curious tone
Of the cornet, clarinet, and big trom-
bone,
Fiddle, 'cello, big bass drum,
Bassoon, flute, and euphonium,
Each one making the most of his
chance,
All together in the Floral Dance.

swung into the dance, as it goes down the street, into the front doors of the houses, and out at the back, and on again to the throb of the drum.

When I asked Miss Katie Moss to tell me about her famous song, she said: "I was engaged to sing and play on a concert tour through the British Isles, with the Zancigs, immediately after their first successful season in London.

"I was engaged to sing songs with my own violin obligato, and songs also at the piano. It was a delightful tour. Among the many seaside places we visited was New Quay in Cornwall, and, strolling homeward, after our performance, I thought I heard, in the far distance, the throb of a drum, and then there came the faint sound of music, and I caught the rhythm of a quaint little tune to which one felt

one must dance. I think it must have been just such a tune the Pied Piper played, and which made all the children dance out of town.

"Presently, as the music approached nearer and nearer, I saw that the musicians were accompanied by a lot of folk, all dancing and jigging. It was a charming sight on that starlit evening, and such a quaint little band of music! I stopped, fascinated, watching the dancers. Presently one of my colleagues in our entertainment party caught hold of me and tried to draw me into the dancing throng, but I laughingly resisted, escaped, and presently went home.

"Better That Tune!"

"However, when we were all having supper together in our hotel, the little tune haunted us. We could not get it out of our heads. Someone would say: 'Better that tune!' then, a moment or two later, would be humming it again, and beating hands and feet gently to its catchy rhythm.

"Needless to say, it fascinated me, and finally led me to try and express something of the little pleasing episode in word and music, the result being 'The Floral Dance.' That, however, was some time later when I was engaged professionally on another tour and had arrived at Manchester. I was all alone in my 'digs,' and to amuse myself I wrote the song just as it is sung to-day.

"I have little doubt the folk at New Quay, many of whom were visitors, had seen the Floral Dance, or 'Furry Dance' as they quaintly call it, which is so well known a feature of Helston, the dance taking place every year on May 8th. This dancing in and out of the houses is supposed to bring peace and plenty during all the rest of the year, and is said to come down from pagan days, a religious rite, really, in honour of Flora. We know that the Phoenicians used to come to this coast long before Julius Caesar began our history books with 55 B.C., and they may have introduced so charming a goddess to their British acquaintances!

An Immediate Success.

"However that may be, I sent the song to Messrs. Chappell, who accepted and published it, and Mr. Thorpe Bates sang it first at a Chappell Ballad Concert. It was an immediate success, and was soon on its way all over the world. I myself have heard of its being sung in the Flowery Land—China."

Miss Katie Moss was born in Raywater, her parents being both in the musical profession. She says that it is to her mother chiefly—she was an Associate of the Royal Academy—that she owes her success, although her father gave her her first lessons in singing. Like her mother before her, she went to the Royal Academy, winning the Westminster Scholarship, the Ritson Memorial Prize for singing, the Dove Prize for general excellence, and the Hine Prize for composition, that is to say, for the best ballad written by anyone under seventeen.

Since the great success of "The Floral Dance," Miss Katie Moss has written many others, such as "Come, Join the Dance," "The Land of Orange Trees," "Moonlight," and "Grey Flowers of Dusk." Listeners will recall several of these being sung on the wireless at various times. But it is not every day that the most talented composer hits upon so happy an inspiration, both in words and air, as that perfect combination "The Floral Dance."

("The Floral Dance" will be sung at London Station, on Saturday, April 4th.)

WIRELESS PROGRAMME—SUNDAY (March 29th.)

The letters "L.B." printed in Italics in these programmes signify a Simultaneous Broadcast from the station mentioned.

The High-Power (Chelmsford) Programme will be found on the facing page.

2LO LONDON 365 M.

An Afternoon of Chamber Music.

S.B. to other Stations.

DALE SMITH (Baritone).
ANGUS MORRISON (Solo Pianoforte).
THE CATERALL STRING QUARTET.

(ARTHUR CATERALL, JOHN BRIDGE, FRANK S. PARK, JOHAN C. HOCK.)

Assisted by

SIDONIE GOOSSENS (Harp).

3.0. The Quartet.

Quartet in E Flat Mozart

Dale Smith (With Quartet and Harp).

"Summer Fields" Brahms

"Sunday" Schubert

"Rehearsal" Schubert

4.25 (approx.). Angus Morrison.

"Tempo di Ballo" Scarlatti

"Le Havrelet Flottant" Chopin

"Musette en Rondeau" Rameau

"Rondeau" (from C Minor Partita) { Bach

"Caprice" The Quartet.

Quartet Stolz Schubert

Canonetta Mendelssohn

4.0 (approx.). Dale Smith.

Songs by Charles Villiers Stanford.

"The Monkey's Carol" "Owlship Time" (From Song Cycle, "A the Hill" "The Pair" "The Bold Unbiddable Child" (Sir Charles Stanford died on March 29th, 1924.)

Angus Morrison.

"Kreutzeriana," Op. 16, Nos. 1 and 2 Study in G Flat Major The Quartet.

"Nonsalotto" Dale Smith.

"Shenandoah" arr. R. Terry (2)

"The Riddle Song" (Kentucky, U.S.A.) arr. Cecil Sharp (11)

"Ah, Willow" (Old English) arr. Lane

"False Phyllis" (Melodies) The Quartet.

Variations from Quartet in C Haydn

Pella 5.0-5.30.—CHILDREN'S CORNER. S.B. from Birmingham.

8.30. Hymn, "O Praise ye the Lord" (A. & M., No. 308).

Riddle Reading.

Anthem, "Lord, for Thy Tender Mercies' Sake" Address by The Rev. THOMAS NIGHTINGALE, General Secretary of the National Free Church Council.

Hymn, "Oft in Danger, Oft in Woe" (A. & M., No. 291).

9.0. DE GROOT and THE PICCADILLY ORCHESTRA.

Relayed from the Piccadilly Hotel, London.

MAVIS BENNETT (Soprano).

S.B. to other Stations.

The Orchestra.

Overture, "Rienzi" Wagner

Mavis Bennett.

"The Mad Scene" ("Lucia di Lammermoor") The Orchestra.

"Valse Pourloise" Popy

Mavis Bennett.

"Bell Song" (Lakmé) Delibes

The Orchestra.

Selection, "La Gioconda" Ponchielli

10.0.—TIME SIGNAL FROM GREENWICH.

WEATHER FORECAST and GENERAL NEWS BULLETIN. S.B. to all Stations.

Local News.

10.15. The Orchestra.

Adagio (from the "Pathetic" Sonata) Beethoven

10.30.—Close down.

5TT BIRMINGHAM. 475 M.

3.0-5.0. A Programme of Favourites.

THE STATION ORCHESTRA.

Conducted by JOSEPH LEWIS.

THE "5TT" MALE VOICE QUARTET.

FRANK CATELL (Solo Violin).

S. C. COTTERILL (Solo Clarinet).

The Orchestra.

Overture, "Euryanthe" Weber

S. C. Cotterill and Orchestra.

Slow Movement from Concerto in A (for Clarinet and Orchestra) Mozart

The Quartet.

"The Sabbath Bell" Krutzer (11)

"As Torrents in Summer" Elgar (11)

"The Lost Love" Vaughan Thomas

Frank Catell and Orchestra.

Slow Movement from Concerto in E Major (for Violin and Orchestra) Bach

The Orchestra.

Introduction to Act III, "Lohengrin" Wagner

The Quartet.

"All Souls' Day" Lassen

"It's Oh to be a Wild Wind" Elgar (11)

"Celia's Arbour" Horsley

The Orchestra.

Pastorale and Benedictus from "English Scenes" Granville Bantock

Scherzo and Finale from Symphony No. 5, Op. 67, in C Minor Beethoven

The Quartet.

"Spin, Spin" Jungel (2)

"Health to My Dear" Spofforth (11)

"The Long Day Closes" Sullivan (11)

The Orchestra.

Hungarian March ("Faust") Berlioz

5.0-5.30.—CHILDREN'S CORNER. S.B. to all Stations.

9.30.—Hymn, "When I Survey the Wondrous Cross" (A. & M., No. 108).

Religious Address by The Rev. C. D. KIRDLAND, St. Margaret's Church, Ladywood.

Hymn, "O, Sacred Head Surrounded" (A. & M., No. 111).

9.0.—DE GROOT AND THE PICCADILLY ORCHESTRA. S.B. from London.

10.0.—WEATHER FORECAST and NEWS. S.B. from London. Local News.

10.15.—De Groot and The Piccadilly Orchestra (Continued).

10.30.—Close down.

6BM BOURNEMOUTH. 385 M.

3.0-4.0. BAND OF THE 2ND BATT. THE HAMPSHIRE REGIMENT.

CEREDIG JONES (Tener).

Relayed from South Parade Pier, Southsea.

CHAPPELL

and WEBER

pianos are in use at the

various stations of the

B.B.C.

4.0-5.0. THE ROYAL BATH HOTEL STRING ORCHESTRA.

Relayed from King's Hall Rooms.

Musical Director: DAVID S. LIFF.

"Hungarian Dance," No. 1 in G. Brahms

Overture, "The Merry Wives of Windsor" Nicolai

DAVID S. LIFF (Solo Violin).

"Spring Song" Mendelssohn

"Minuet" Mozart

"Largo" Handel

Orchestra.

Fantasia, "Madame Butterfly" Puccini

Song, "The Bells of St. Mary's" Adams

6.0-5.30.—CHILDREN'S CORNER. S.B. from Birmingham.

8.30. Choir of St. Mark's Presbyterian Church:

Hymn, "Lord of all Being" (Gladstone)

(Church Praise Hymn Book, No. 25).

Autism, "O Gladsome Light" ("Golden Legend") Sullivan (11)

(Harp Accompaniment by MARY LEWIS.)

8.40.—The Rev. HOWARD WILBUR ENNIS, B.A., of St. Mark's Presbyterian Church:

Religious Address.

8.50. Choir.

Hymn, "O Love That Will Not Let Me Go" (Peace) (Church Praise Hymn Book, No. 336).

9.0.—DE GROOT AND THE PICCADILLY ORCHESTRA. S.B. from London.

10.0.—WEATHER FORECAST and NEWS. S.B. from London. Local News.

10.15.—De Groot and The Piccadilly Orchestra (Continued).

10.30.—Close down.

5WA CARDIFF. 351 M.

3.0-4.45. CYRIL V. FOSTER (Bass).

FRANK THOMAS (Solo Violin).

W. STANLEY SMITH (Solo Cornet).

THE STATION ORCHESTRA.

Conductor: WARWICK BRAITHWAITE.

Orchestra.

Overture, "Marco Spada" Auber

Suite, "Three Famous Pictures" Haydn Wood

Cyril V. Foster.

"Arm, Arm, Ye Brave" Handel

"The Blind Ploughman" R. C. Clarke

Orchestra.

Symphony in G Major (The "Surprise") Haydn

W. Stanley Smith.

"My Dreams" Tosti

Orchestra.

"Extracoe à la Gavotte" Coates (11)

"Floods of Spring" Bachmanianec Sora

Cyril V. Foster.

"Mary O'Neill" H. Carr Hardy

"The Soul of England" Lewis Barnes

"The Lute Player" Allica

Orchestra.

Selection, "A Life for the Czar" Gluka

Frank Thomas.

Introduction, Theme and Hungarian Dance Brahms

Orchestra.

Overture, "Rienzi" Wagner

5.0-5.30.—CHILDREN'S CORNER. S.B. from Birmingham.

Sunday Evening Service for the People.

7.0-8.30.

FRY'S CHORAL

CO-OPERATIVE CHORAL SOCIETIES.

FRY'S ORCHESTRA.

Relayed from the Colston Hall, Bristol.

8.30. The Choir of EGLWYS DEWI SANT.

Hymn, "Yngymuned Pawb i lawr" (Tân, "Lorely")

A Short Reading from the Scriptures.

Hymn, "Through All the Changing Scenes of Life" (Tân, "St. Agnes.")

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 15.

Sunday's Programme.

(Continued from the facing page.)

The Rev. Canon D. T. GRIFFITHS, M.S.,
Vicar of Eglwys Dewi Sant: Address on
"Religion and Science."
Hymn, "Arghwydd graol, Ffrind Nedd
(Tôn, "Crug yr Oesoedd.")
Benediction.

- 9.0.—DE GROOT AND THE PICCADILLY
ORCHESTRA. S.B. from London.
10.0.—WEATHER FORECAST and NEWS.
S.B. from London. Local News.
10.15.—De Groot and the Piccadilly Orchestra
(Continued).
10.30.—"The Silent Fellowship."
10.45.—Close down.

2ZY MANCHESTER. 375 M.

A Light Orchestral Programme.

Relayed to "5XX."

ELSIE SUDDABY (Soprano).
WILLIAM COLEMAN (Bass).
THE "2ZY" AUGMENTED
ORCHESTRA.

Conductor: T. H. MORRISON.

- 4.0. Orchestra.
Overture, "Zampa".....Harold
"Three Dale Dances".....Arthur Wood
3.20 (approx.). Elsie Suddaby.
"The Knotting Song".....Purcell (11)
"Lullaby" ("The Virgin's Lullaby")
Boughton (2)
"My Lovely Colia"
Munro, arr. Lane Wilson (1)
"Spring".....Heuschel (1)
Orchestra.
"Kul Nidrai".....Max Bruch
3.40 (approx.). William Coleman.
Revit., "From the Rage of the
Tempest".....Handel
Air, "Hear Me, Ye Winds and
Waves"
"The Old Mother".....Grieg
"The Lute Tree".....Schubert
Orchestra.
Suite, "From the Countryside".....Coates
4.10 (approx.). Elsie Suddaby.
"All Souls' Day".....R. Strauss
"Songs My Mother Taught Me".....Dvorak
"On Wings of Song".....Mendelssohn
"O Yes, 'Tis So".....Bach
Strings Only.

"By the Sea".....Dunkler
William Coleman.

"My Friend".....Behrend (1)
"The Curtain Falls".....Guy d'Hardelot
"Rolling in Foaming Billows" ("The
Creation").....Haydn

- 4.35. Orchestra.
Ballet, "Le Cid".....Massenet
5.0-5.30.—CHILDREN'S CORNER. S.B. from
Birmingham.

- 8.0.—S. G. HONEY: Talk to Young People.
8.25.—Hymn, "O Come and Mourn With Me
Awhile" (A. and M., No. 114).
Religious Address by The Rev. E. MILNER
SWIFT, Vicar of St. Peter's, Hale.
Hymn, "At the Cross her Station Keeping"
(A. and M., No. 117).
Hymn, "The Radiant Morn Hath Passed
Away" (A. and M., No. 10).

- 9.0.—DE GROOT AND THE PICCADILLY
ORCHESTRA. S.B. from London.
10.0.—WEATHER FORECAST and NEWS.
S.B. from London. Local News.
10.15.—De Groot and the Piccadilly Orchestra
(Continued).
10.30.—Close down.

(Continued in the next column.)

HIGH-POWER PROGRAMME.

5XX 1,600 M.

The letters "S.B." printed in Italics in these programmes
signify a Simultaneous Broadcast from the station men-
tioned.

SUNDAY, March 29th.

- 3.0-5.0.—LIGHT ORCHESTRAL PRO-
GRAMME. S.B. from Manchester.
5.0-5.30.—CHILDREN'S CORNER. S.B. from
Birmingham.
5.30-10.30.—Programme S.B. from London.

MONDAY, March 30th.

- 5.30-10.30.—Programme S.B. from London.

TUESDAY, March 31st.

- 5.30-10.30.—Programme S.B. from London.

Military Band Night.

DORIS GROVER (Songs at the Piano).
ANITA HARRISON (Solo Pianoforte).
FODEN WILLIAMS (Entertainer).
THE KNELLER HALL BAND.
(By permission of Col. Francis Dalrymple,
Commandant, Royal Military School of
Music).

Conductor, Lt. H. E. ADKINS, Mus. Rec.

- 7.30. The Band.
Quick March, "Constant".....Heggie (1)
Overture, "Neil Gwyn".....German
Doris Grover.
Musical Parodies.....H. Hughes (1)
"Sing a Song of Sixpence"; "Simple
Simon"; "Doctor Foster"; "Curley
Locks."

Anita Harrison.

Prelude in C Minor.....Chopin
Prelude in E Flat Major.....Chopin
"Night in May".....Palmgren
Study in D Sharp Minor.....Scriabin

The Band.
Fugue on "St. Anna's Tune".....Bach
"Lyrus Suite," Opus 54.....Grieg

Foden Williams in
Items from his Repertoire.

The Band.
Cornet Solo, "Jerusalem".....Parry
(Soloist, Sergt. G. WILLCOCKS, 1st Royal
Fusiliers.)

Scherzo from "A Midsummer Night's
Dream".....Mendelssohn

(Continued from the previous column.)

5NO NEWCASTLE. 400 M.

- 5.0.—Programme S.B. from London.

- 5.0-5.30.—CHILDREN'S CORNER. S.B. from
Birmingham.

THE "5NO" CHORAL SOCIETY OCTET.

Hymn.
The Rev. FRED W. BEAL, Leighton P.M.
Church, Heaton: Address.
Hymn.

- 9.0.—DE GROOT AND THE PICCADILLY
ORCHESTRA. S.B. from London.

- 10.0.—WEATHER FORECAST and NEWS.
S.B. from London. Local News.

- 10.15.—De Groot and the Piccadilly Orchestra
(Continued).

- 10.30.—Close down.

7BI ABERDEEN. 495 M.

- 3.0-5.0.—Programme S.B. from London.

- 5.0-5.30.—CHILDREN'S CORNER. S.B. from
Birmingham.

- 8.30. Ferryhill U.F. Church Choir.
Psalm 121 (Tune: "French").
The Rev. DAVID MAIR, B.A., Ferryhill
U.F. Church: Religious Address.

Hymn 210 (Church Hymnary).

Paraphrase 64 (Tune: "Jackson").

- 9.0.—DE GROOT AND THE PICCADILLY
ORCHESTRA. S.B. from London.

Doris Grover.

"Evening Prayer".....Moussorgsky
"The Hobby Horse".....Granados
Two Toccattas.....Granados
"The Sorrowful Maiden"; "The Scorn-
ful Maiden."

Anita Harrison.

Three Fragments from Hans Andersen.
York Bowen

Concert Study in G Flat.....Rosenbloom
Foden Williams in
More Items from his Repertoire.

The Band.

"Three Bavarian Dances".....Eggar (15)
10.30.—WEATHER FORECAST and NEWS.
S.B. from London.

Sir OLIVER LODGE. S.B. from London.
Local News.

- 10.0.—THE SAVOY BANDS. S.B. from London.
11.0.—Close down.

WEDNESDAY, April 1st.

- 5.30-11.0.—Programme S.B. from London.

THURSDAY, April 2nd.

- 5.30-8.0.—Programme S.B. from London.

- 8.0-10.0.

Concert.

Relayed from AMSTERDAM,
via HILVERSUM.

THORNA DURIGO (Soprano.)

THE AMSTERDAM ORCHESTRA
Conducted by WILLEM MENGELBERG.

The Concert will include items by
Mozart, Handel, and Brahms.

- 10.0.—WEATHER FORECAST and NEWS.
Relayed from London.

- 10.10-11.0.—SAVOY BANDS. S.B. from
London.

FRIDAY, April 3rd.

- 5.30-7.30.—Programme S.B. from London.

- 7.30-9.30.—"ST. MATTHEW PASSION"
(Bach), relayed from St. James', Oslo.

- 9.30-10.30.—Programme S.B. from London.

SATURDAY, April 4th.

- 5.30-7.30.—Programme S.B. from London.

- 7.30-9.30.—Programme S.B. from Manchester.

- 9.30-12.0.—Programme S.B. from London.

5SC GLASGOW. 420 M.

- 3.0-5.0.—Programme S.B. from London.

- 5.0-5.30.—CHILDREN'S CORNER. S.B. from
Birmingham.

- 8.30. Choir.
Hymn, "Lord, Thy Word Abideeth" (Tune:
"Ravenshaw" (Church Hymnary, No.
163).

The Rev. ROBERT WILSON, M.A., of
South Shewlands United Free Church:
Religious Address.

Psalms No. 145, "O Lord, Thou Art My
God and King" (Tune: "Duke Street")
(S.P.).

Prayer.

Psalms No. 91, "He that Deth in the Secret
Place" (Tune: "French") (S.P.).

- 9.0.—DE GROOT AND THE PICCADILLY
ORCHESTRA. S.B. from London.

- 10.0.—WEATHER FORECAST and NEWS.
S.B. from London. Local News.

- 10.15.—De Groot and the Piccadilly Orchestra
(Continued).

- 10.30.—Close down.

A number against a musical item indicates the name
of its publisher. A key list of publishers will be found on
page 18.

WIRELESS PROGRAMME—MONDAY (March 30th.)

The letters "S.B." prefixed to titles in these programmes signify a Simultaneous Broadcast from the station mentioned.

The High-Power (Chelmsford) Programme will be found on page 9.

2LO LONDON. 365 M.

5.15-5.45.—Transmission to Schools: Mr. GEOFFREY SHAW, "Music."

6.0-6.30.—Time Signal from Greenwich. "Vogues and Vanities," by Carmen of Cockaigne. Music performed during Afternoon Tea at the "Trocadero." "Famous Old Castles: (3) Hampton Court," by Helen Townroe.

6.30-6.15.—CHILDREN'S CORNER. Stories by Mavis Meighan. Music by Auntie Sophie. "The Friends of the King," from "The Children's Magazine."

6.40-6.55.—Mrs. MARJORY ALLEN, F.R.H.S., "Gardening in London."

7.0.—TIME SIGNAL FROM BIG BEN. WEATHER FORECAST and 1ST GENERAL NEWS BULLETIN. S.B. to all Stations.

Prof. J. E. G. DE MONTMORENCY, "International Law," S.B. to all Stations. Local News.

Light British Orchestral Music.

DAVID JENKINS (Bass). LOUIS DARE and DORIS BURNS (Duettists).

GLADYS MERREDEW (Entertainer).

NELSON JACKSON

(Entertainer at the Piano).

MICHAEL RAGHAN (Entertainer).

THE WIRELESS ORCHESTRA.

Conducted by

CHARLES ANCLIFFE,

HAYDN WOOD,

and

DAN GODFREY, Jr.,

7.30. The Orchestra. March, "The Middy" Afford

Irish Rhapsody, No. 2 Stanford

David Jenkins.

"Had a House" Korby

"Shepherd, See Thy Flock's" Korby

"Fanning Me" Korby

7.55 (approx.). Gladys Merredew

in Impressions.

The Orchestra.

"May Day Overture" Haydn

"Silver Clouds" Wood

Suite, "Three Famous Pictures" Wood

"The Village Wedding" The Doctor

"The Lullaby Cavalier" (Conducted by the Composer.)

8.25 (approx.). Louis Dare and

Doris Burns.

"Love is Meant to Make Us Glad"

(Metric England) E. Geremia

"A Short Cut" Trevelyan (1)

"Double Three Seven-O Double O" Gollally

Nelson Jackson with Entertainers.

8.55 (approx.). David Jenkins.

"If I Might Only Come to You" Spire (1)

"Myself When Young" Liza Lehmann

The Orchestra.

Suite, "The Purple Vine" Charles Ancliffe

"The Vintagers" The Purple Vine

"Evening at the Inn" Valley of

Loos.

(Conducted by the Composer.)

Louis Dare and Doris Burns.

"The Keys of Canterbury" (Somerset

Folk Song) arr. Cecil Sharp (11)

"The Maiden in Grey" Barnard (1)

"Roses All the Way" Eric Coates

The Orchestra.

Three Dads Dances Arthur Wood

9.30.—TIME SIGNAL FROM GREENWICH.

WEATHER FORECAST and 2ND

GENERAL NEWS BULLETIN. S.B.

to all Stations.

Mr. John Lee, C.B.E., Controller of the

Central Telegraph Office, on "The Island

Telegraph Service."

Local News.

THE EXPERIMENTAL TRANSMISSION
for Amateur Wireless Engineers
will be carried out by
THE MANCHESTER STATION,
10.30-11.0.

10.0. The Orchestra.
Selection, "Gipsy Love" Lehar
Michael Raghan on
"Nothing in Particular" C. B. Poulney
The Orchestra.
March, "On the Quarter Deck" Afford
10.30.—Close down.

5TT BIRMINGHAM. 475 M.

3.30-4.30.—The Station Wind Quintet. Conrad

Crane (Bass).

5.0-5.30.—WOMEN'S CORNER. Sidney

Rogers, F.R.H.S., "Horticultural Hints

—Growing Superior Kales," Janet

Macfarlane (Soprano).

5.30-6.25.—CHILDREN'S CORNER.

6.25-6.40.—"Teens' Corner: Norman E. L.

Guest, B.A., History Talk No. 13,

"Social History in the Fifteenth Cen-

tury."

7.0.—WEATHER FORECAST and NEWS.

S.B. from London.

Prof. J. E. G. DE MONTMORENCY, S.B.

from London. Local News.

A Light Programme.

THE STATION ORCHESTRA.

HELEN DE FREY (Soprano).

HAROLD HOWES (Baritone).

KATIE GOLDSMITH (Solo Violin).

ALBERT DANIELS (Entertainer).

The Orchestra.

7.30. Overture, "Sordello" Pfitzner

Waltz, "The Merry Widow" Lehar

Selection, "Lieschen and Fritzchen" Offenbach

Helen de Frey.

"Aspiration" Pfitzner

"The Happy Journey" Ernest Austin (8)

"Rondeau" Katie Goldsmith.

Sonata in D Handel

Harold Howes.

"Sea Fever" John Ireland

"Life" Ernest Austin (8)

"Cargoes" Martin Shaw

The Orchestra.

Medley, "Tangled Tunes" Katschky

Albert Daniels.

In a Short Entertainment including Child

Impersonations.

Helen de Frey.

"The Jewel Song" ("Faust") Gounod

"March Winds" Marjory Meade (1)

"Laughareena" Harold Howes.

"Huron" Ralford Davies

"Serenity" Wolf

"After" Elgar (1)

"In the Dawn" Elgar (1)

9.30.—WEATHER FORECAST and NEWS.

S.B. from London.

Topical Talk. Local News.

10.0. Katie Goldsmith.

"The North Wind" Runby Wolf (10)

Berceuse Cesar Cui

"Strimpellata" J. d'Ambrasio

The Orchestra.

"Pizzicato" Drigo

Selection, "The Street Singer" Fraser-Simson

10.30.—Close down.

6BM BOURNEMOUTH. 385 M.

3.45-5.0.—Fashion Talk to Women by Louis

de Mayo. THE ROYAL BATH HOTEL

DANCE ORCHESTRA, relayed from

King's Hall Rooms. Musical Director:

DAVIDS, LIEF, Doris Winter (Contralto)

and Ronald Caws (Baritone).

5.0-6.0.—CHILDREN'S CORNER.

6.0-6.30.—Scholars' Half Hour: "Mary, Queen

of Scots," by Miss R. E. Brooks.

7.0. WEATHER FORECAST and NEWS.

S.B. from London.

Prof. J. E. G. DE MONTMORENCY, S.B.

from London. Local News.

An Hour of Plantation Music.

THE WIRELESS ORCHESTRA.

Conductor: Capt. W. A. FEATHERSTONE.

THE "GBM" CHORUS.

RUBY SHEPHERD (Contralto).

GWYNNE DAVIS (Tenor).

7.30. The Orchestra.

Selection of Clutnam's Plantation Songs and

Dances.

Gwynne Davis.

7.40.—Two Negro Spirituals H. T. Burleigh

Ruby Shepherd.

7.45.—Two Plantation Songs Scott Gatty (1)

The Orchestra.

Sketch, "Down South" Myddleton

"A Cuckoo's Day Out" Rogers (1)

Ruby Shepherd and Gwynne Davis.

"Hurry Up, Pompey" Scott Gatty (1)

"De Lady Moon" The Orchestra.

8.5.—"Tennessee Tiddle" Ruby Shepherd.

8.10.—Two Negro Spirituals H. T. Burleigh

"Swing Low, Sweet Chariot"; "I Stood

on de Ribber ob Jordan,"

The Orchestra.

8.15.—"Reminiscences of the Plantation"

Chambers

Gwynne Davis.

8.30.—Two Negro Spirituals H. T. Burleigh

"Deep River"; "O Peter, Go Ring dem

Bells,"

The Orchestra.

8.35.—Sketch, "By the Swanee River" Myddleton

Chamber Music and Ari Songs.

THE CATTERALL QUARTET.

JOHN COLLINSON (Tenor).

8.45.—Quartet.

Andante and Scherzo from String Quartet

Tchaikovsky

Londonderry Air arr. Frank Bridge (11)

9.5.—John Collinson.

"Idyll" Gerard Williams (2)

"The Tycoon" Leslie Woodgate (14)

"I Heard a Piper" Ross

"Primrose and Columbine" Woodgate

9.10.—Quartet.

Variations from Quartet in D Minor ("Death

and the Maiden") Schubert

Berceuse D'Ottavio Sockes

Pothen Schubert

9.30.—WEATHER FORECAST and NEWS.

S.B. from London.

Topical Talk. Local News.

10.0. John Collinson.

"The Rivulet" Martin Shaw

"The Downs" Colin Taylor (2)

"Song of the Palanquin Bearer" Martin Shaw (2)

10.5.—Quartet.

Quartet in G (K.V. No. 387) Mozart

Allegro, vivace assai; Menuetto. Alle-

gretto; Andante cantabile; Fugato,

Molto allegro.

10.30.—Close down.

5WA CARDIFF. 351 M.

3.0-4.0.—Falkman and his Orchestra, relayed

from the Capitol Cinema.

4.45-5.15.—5WAS "FIVE O'CLOCK."

5.15-6.0.—CHILDREN'S CORNER.

6.0-6.15.—"Teens' Corner: "Dolls' Frocks."

6.40-6.55.—Dr. J. J. Simpson, M.A., D.Sc.,

"Reminiscences of Natural History."

7.0.—WEATHER FORECAST and NEWS.

S.B. from London.

Prof. J. E. G. DE MONTMORENCY,

S.B. from London. Local News.

DOROTHY KITCHEN (Mezzo-Soprano).

THE STATION ORCHESTRA.

Conductor: WARWICK BRAITHWAITE.

7.30.—The Orchestra.

Selection, "Decameron Nights" Finch

Dorothy Kitchen.

"The Blind Ploughman" C. Clarke

A number against a musical item indicates the name

of its publisher. A key list of publishers will be found on

page 12.

WIRELESS PROGRAMME—MONDAY (March 30th.)

The letters **S.B.** printed in italics in these programmes signify a simultaneous broadcast from the station mentioned.

Monday "Oley Speaks"
"Drink to Me Only" Roger Quilter

THE VALVE SET CONCERT PARTY

8.25. Selection, "The Girl on the Film" Kollo

8.40. Dorothy Kitchen.

Love "Quarrel" Cyril Scott (4)

"The Ware So" Frank Bridge

8.45. The Valve Set Concert Party.

8.50. "Tom Jones" German

9.30. WEATHER FORECAST and NEWS

S.B. from London.

Topical Talk. Local News.

10.0. SOME NEW DANCE TUNES.

10.30. Close down.

2ZY MANCHESTER. 375 M.

3.30-4.30. Concert by the "2ZY" Quartet

4.30-5.0. WOMEN'S HALF HOUR. Gladys

Woodward (Mezzo-Soprano).

5.0-5.30. CHILDREN'S CORNER

5.30-6.0. J. F. Russell: "Musical Apprecia-

tion" (13).

7.0. WEATHER FORECAST and NEWS

S.B. from London.

Prof. J. E. G. DE MONTMORENCY

S.B. from London. Local News.

Drama and Variety.

THE "2ZY" DRAMATIC COMPANY

Present

7.30. "THE GAMBLERS.

A Play in Three Acts by Charles Klein.

Walter Emerson (Head of Emerson's Bank)

John Smythe

John Emerson (Walter's Father)

EDWARD MAWDESLEY

James Darwin

Directors

George Cooper

Frederick Tucker

Thomas (Butler)

Hicks (U.N.A. Detective)

Leo Martin

Catherine Darwin (Wife of James Darwin)

Isabel Emerson (Wife of Walter)

Angela Lopez

John (a London Maid)

Betty Elmore

Directed by D. F. R. R. R.

Produced by VICTOR SMYTHE

Act I—Smoking Room at Emerson's.

February 21, 9.0 p.m.

Act II—Library at Darwin's. February

10th, 11.0 p.m.

Act III—Smoking Room at Emerson's.

February 11th, 10.0 a.m.

The entire action takes place in New York.

9.30. WEATHER FORECAST and NEWS

S.B. from London.

Topical Talk. Local News.

10.0. HALF AN HOUR OF VARIETY

10.30. Close down.

5NO NEWCASTLE. 400 M.

3.30-4.45. Penwork's Terrace Tea Room Or-

chestra.

4.45. Margery Martin (Mezzo-Soprano)

Week's News Letter

5.0-5.30. CHILDREN'S CORNER

5.30-6.0. WOMEN'S HALF HOUR

6.0-6.30. J. F. Russell: "Musical Apprecia-

tion" (13).

7.0. WEATHER FORECAST and NEWS

S.B. from London.

Topical Talk. Local News.

10.0. SOME NEW DANCE TUNES.

10.30. Close down.

2BD ABERDEEN. 495 M.

3.30-5.0. Concert. The Wireless Dance Orche-

stra. Female Topics.

5.30-6.0. CHILDREN'S CORNER

6.0-6.15. Burnett, on "The Wandering Minstrel."

6.15-6.30. Girl Ginner's News Bulletin. A. E.

Chenno, Captain of the Cadet Corps,

on "The Tenderfoot Test." Ray Scott

News Bulletin. Scoutmaster Robert

Duffie on "Rovering."

7.0. WEATHER FORECAST and NEWS

S.B. from London.

Prof. J. E. G. DE MONTMORENCY.

S.B. from London. Local News.

Scottish Programme.

CARMA DAAS (Soprano).

ALEXANDER LEITCH (Tenor).

DUFFON SCOTT (Bread Scots Humourist).

THE WIRELESS ORCHESTRA.

Orchestra

Selection, "Renascence of Scotland"

art. Godfrey

Waltz, "Queen of the North"

Carma Daas

The Yellow Haired Lad

Producers (34)

"Wishes Rare and Wishes Fair"

art. Stephen

"Charles Is My Darling"

Duffon Scott

Humorous Sketch, "Hugh McCurrie's

Marriage"

Alexander Leitch

"Afton Water"

Home (34)

"O' A' the Airts"

Marshall (25)

Orchestra.

Overture, "Echoes of Ovidian".... Gode

Overture, "Land of the Mountain and

the Flood".... MacCann

Carma Daas.

"Comin' Thro the Rye"

A Highland Lad My Love

Was Born

Trinidad (25)

Duffon Scott

Humorous Sketch, "Anna's a Tragedy"

Leitch

8.30. Alexander Leitch

"O Sing to Me the Auld Scotch Songs"

Leitch (34)

"The Lea Rig"

Richardson (34)

"Mary"

Orchestra

Selection, "London Scottish".... Holmes

March, "London Scottish".... Holmes

Selection, "London Scottish".... Holmes

March, "London Scottish".... Holmes

Selection, "London Scottish".... Holmes

March, "London Scottish".... Holmes

Selection, "London Scottish".... Holmes

Carma Daas.

Come Out the Screen

Carbo

"Up in the Morning"

Early

5.20. Alexander Leitch

Art. Leitch

9.30. WEATHER FORECAST and NEWS

S.B. from London.

Dr. R. W. LIVINGSTONE. S.B. from

Belfast. Local News.

10.0 THE WIRELESS DANCE ORCHESTRA

Waltz, "When You Are In My Arms"

Fox-trot, "My Sunshine Came On a

Bunny Day" (19); One-step, "Cro-

ss" (20); Fox-trot, "Maggie! Yes, Ma!" (7). One

step, "Dancing Jim"; Fox-trot, "Oh, Say—

My, Yes"; Fox-trot, "Oh, Say—

My, Yes"; Fox-trot, "Oh, Say—

My, Yes"; Fox-trot, "Oh, Say—

My, Yes"; Fox-trot, "Oh, Say—

My, Yes"; Fox-trot, "Oh, Say—

My, Yes"; Fox-trot, "Oh, Say—

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My, Yes"; Fox-trot, "Oh, Say—

My, Yes"; Fox-trot, "Oh, Say—

(April 1st)

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 18.

A number against the journal item indicates the number of its publisher. A key list of publishers will be found on page 18.

THE CHILDREN'S CORNER.

CONDUCTED BY THE
AUNTS AND UNCLES.

A Chat About Cats.

HELLO, children!

Probably most of you have one or more cats at home, and you will certainly like this talk about these pretty animals by Theodore Ruete.

It has always struck me as strange that some folk should thoroughly dislike, and often even abuse, cats, since the work Puss does for mankind is both varied and valuable. But perhaps she has only herself to blame for men's treatment of her, for her manner frequently shows that she considers all of us quite beneath contempt.

We may even harbour a vague, secret fear of cats, which can look at us in a dreadful, fascinating sort of way, never practised by a dog. You must have noticed that vacant, yet penetrating glance Puss sometimes turns upon us. A regular "barrier of a stare!" Yet it has its value! For when brought to bear upon the lower order of creatures, particularly if in anger, it is able to exert a strong mesmeristic influence upon them, which has more than once been the means of saving a man's life.

Pussy as a Snake Charmer.

An army officer friend of mine in India, once, when walking on to his veranda, accidentally trod upon the tail of a cobra that was sitting up, ready to strike him. He expected instantly to feel the prick of those death-dealing fangs, but the blow was not given. Not understanding the delay, nor the snake's extraordinary stillness, he glanced across the veranda, when he saw his cat there, crouching forward, its eyes steadily fastened upon the snake. This reptile, indeed, was perfectly powerless to stir, and was easily killed.

On another occasion, when sleeping on a cot on his veranda, the officer awoke to find a huge cobra, with head erect, lying upon one side of his bed, while his faithful cat, her green eyes

glowering in the darkness, was blazing defiance across his body at the snake.

Although naturally scared, the officer succeeded in crawling from under the coverlet, approaching for his gun, while Puss still kept the snake charmed in her mesmeristic grip.

Wishful to test this remarkable power, my friend momentarily placed his hand in front of the cat's eyes, when the snake at once showed signs of life, relapsing into slumber again on the hand being quickly withdrawn. The reptile appeared to be dead, and actually was as stiff as any stuffed ape men. It even allowed itself to be poked about with the ear, without showing the slightest signs of life.

Warred of Attacks.

In the war Puss's hatred of gas gave warning many times of the enemy's attacks, and thus was the means of saving thousands of lives. One whiff of the poisonous fumes was quite enough for her! Up went her fur, and with tail on end, she at once began to whine her disgust and dread. The War Office, consequently sent thousands of cats to France and Belgium, where they also proved invaluable for their attentive destruction of rats and other vermin.

Many a person has been saved from a burning building by the keen sense of danger possessed by a cat! The animal's terror has often awakened human beings from sleep, and thus given them time to effect their escape.

Besides Puss's worth in this and other directions, however, it is good for us to have her around the hearth in order that our protecting love for some weaker creature may be daily called upon. Some folk imagine that a cat doesn't value this affection so much as would a dog. But what does that really matter to you or me? For in the end, the love we spare to our pets reacts upon ourselves, thus doing us the very best possible service.

And besides, a cat, moreover, often has been

many times repaid. A woman I was visiting the other day told me that her cat formerly was actually a stray one. For many mornings in succession it had been upon her doorstep, begging to be allowed to come in, but she had always repulsed it. At last, however, my friend thought she would give Puss a trial, because of the pestering noise. On going downstairs next morning, she found her newly acquired cat mewling and trying, by every means, to attract her attention. So she followed the creature, which led her to a cellar, where lay—what do you think?—*five mouse-tails in a row!*

Puss rubbed herself against her new mistress and glancing up, seemed almost to say: "Now may I stay? Am I not worth keeping?"

So she was allowed to stop and she soon rid that house of its mice. But whenever she kills a mouse, she always takes her mistress to inspect its fate.

The Bird in the Clock.

Another friend of mine couldn't understand how the door of a certain cuckoo-clock in one of her rooms came to be upon the kitchen-floor. It had duly repaired it, but found it there next morning, and this performance continued for several days. One morning, however, she happened to rise somewhat earlier than usual, when into her kitchen marched Puss, carrying the little wooden clock-door, which it solemnly laid down in the usual place.

After a time, my friend put back the little door upon its slight wire-hinges, while she determined to watch what would happen next day. Peeping into the room then, she saw Puss watching for the cuckoo to come out. At the striking of the hour, the cat actually sprang at the lifeless bird, but it proved too quick for her.

Puss, however, caught the door as it assumed its usual position, and tearing it from its frail little hinges by the powerful stroke of her paw, carried it off triumphantly.

A BIRTHDAY EVERY DAY.

By LANGFORD REED.



"Good evening, Dorothy!" chirruped a little voice.

Had she been older, I do not think she would have had such a foolish thought, but she was only seven, and at that age we are not quite so sensible as we are at ten or twelve.

"Good evening, Dorothy!" chirruped a little voice a few feet away, and, by the gleaming of the night-light, she saw that it proceeded from a tiny Puck-like creature, about the size of a half-burnt candle, who was perched on the foot of her bed.

"I'm 'Half-a-Jiffy,' one of Father Time's

fancies," explained the mysterious visitor. "He heard your wish and sent me to grant it. He couldn't come himself, as he is listening to-night."

"I'm sure it's very kind of him," said Dorothy. "Oh, a little thing like that is nothing compared to the fancy of having a new birthday every day, but don't blame me if you soon grow tired of it."

"I should not think of being so ungrateful," exclaimed Dorothy. "I am sure it will be lovely."

"We shall see," said Half-a-Jiffy. Then he vanished.

And it happened just as he had foretold, for every day Dorothy had a new birthday.

She liked it at first, but, after a time, grew tired of being expected to eat birthday cake for tea every day, and to have it in company with a large party of children, and even her presents began to pall upon her, for she collected so many that she had nowhere to put them.

But worst of all was a drawback she had never foreseen, and that was that she aged so quickly! You see, at the end of a fortnight she was fourteen birthdays older, which made her a young woman of twenty-one!

Not being a fairy, I cannot explain Dorothy's case, although I can guess that Father Time, to teach the foolish child a lesson, had crowded a year into a day with every birthday she had.

The awkward part of it was that her parents and twelve-year-old brother did not grow older at the same rate, for, you see, they had not wished to have birthdays faster than usual.

You can quite understand that this made things very maddening, especially since Dorothy's rapid growth obliged her to have new clothes every day.

But it was much worse at the end of three months, for then Dorothy had had nearly a hundred birthdays and looked and felt like a very old woman. Her parents, who were on y about a third of her age, were frightfully worried about it, for according to their reckoning she was only seven and a quarter. Her name excited great interest, and eminent scientists and doctors came from all parts to see her until she longed for peace.

"Oh, if I had only been content to have had birthdays in the same way as other children!" she sighed. "What will become of me at the end of a year?"

On her hundredth birthday her brother was wheeling her along in a bath-chair down the High Street when they met an old friend of the family, an elderly man whose funny interest in her case worried Dorothy exceedingly.

"Ah, Bobby!" he exclaimed, "and how is your sister this bright morning? Nearly a hundred, is she not? Wonderful!"

Dorothy felt a strange thrill run through her, and she sat up indignantly. "You're a stupid!" she said. "I'm a little girl of seven, and I'm not going to stay in this silly old bath-chair any longer."

And giving a sudden spring, she fell—right out of bed! You have guessed it; her strange experience was all a dream. But it cured her, and she will never again want more than one birthday a year as long as she lives.

WIRELESS PROGRAMME—THURSDAY (April 2nd.)

The "type" "B.B." printed in italics in these programmes signify a Simultaneous Broadcast from the station mentioned.

The High-Power (Chelmsford) Programme will be found on page 9

2LO LONDON. 365 M.

10.0. Time Signal from Greenwich. The Week's Concert of New Gramophone Records.

10.3.15. Transmission to Schools: "The Children in Dickens: The Dolls' Dressmaker" Lecture Recital by J. C. STUART and R. E. JEFFREY.

4.0. "Food in Fiction" by Margot Hiron. Music performed during Afternoon Tea at the Trocadero. "A Lake Land Pilgrimage" (2), by Elias I. Spratt.

5.0. CHILDREN'S CORNER. L.O.M. of the Daily Mail Zoo Story. "Fading Moments at the Zoo." Pianoforte Solo by Gordon Heyner. "The Air of the Sea" (4), by Arthur C. Brown. "Healthy People" (1). Our Boys Best Annual.

6.0. Ministry of Agriculture's Fortnightly Bulletin. Market Prices for Farm Produce. S.B. to all Stations.

7.0. TIME SIGNAL FROM BIG BEN. WEATHER FORECAST and SPECIAL NEWS BULLETIN. S.B. to all Stations.

7.15. Talk by the Radio Society of Great Britain. S.B. to all Stations.

7.30. Rev. J. ARBUTHNOT NAIRN, D.D., Headmaster of Mermaid Tutors School. "The Debt of English to Latin." S.B. to all Stations. Local News.

Entertainment by THE NOVELTY TRIO.

MARGARET GLANVILLE, HARRY EAST, RONALD GURLEY.

Two "An Episode" (1). By the Trio. S.B. to all Stations.

7.45. Get Up and Go! (1). By the Trio. S.B. to all Stations.

8.0. Lady MARGARET SACKVILLE. Recital on "Scottish Ballads." S.B. to all Stations.

Chamber Music Programme.

HERBERT HEYNER (Harp). ALBERT SAMMONS (Solo Violin).

EALYN HOWARD-JONES (Solo Piano-forte).

8.15. Albert Sammons and Evelyn Howard-Jones.

Solo by E.F. (The Spring). Beethoven.

1. Allegro-Adagio molto espressivo; 2. Andante. (Adagio) (Moderato).

8.30. Herbert Heyner.

Solo by Solo from the "B. Lieder" (4).

"The First Love" (Schumann) (4).

"I was in the Lovely Month of May" (Schumann) (4).

"Out My Tears are Springing" (Schumann) (4).

"The Rose and the Lark" (Schumann) (4).

"I'll Be the My Soul and the Yearning" (Schumann) (4).

"The Rose" (Schumann) (4).

"I'll Be the My Soul and the Yearning" (Schumann) (4).

"The Rose" (Schumann) (4).

"I'll Be the My Soul and the Yearning" (Schumann) (4).

"The Rose" (Schumann) (4).

"I'll Be the My Soul and the Yearning" (Schumann) (4).

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"I'll Be the My Soul and the Yearning" (Schumann) (4).

"The Rose" (Schumann) (4).

"I'll Be the My Soul and the Yearning" (Schumann) (4).

"The Rose" (Schumann) (4).

"I'll Be the My Soul and the Yearning" (Schumann) (4).

"The Rose" (Schumann) (4).

10.30. TIME SIGNAL FROM THE NEWLY WEATHER BULLETIN. GENERAL NEWS BULLETIN. S.B. to all Stations.

Capt. P. E. ECKERSLEY. Technical Topics. S.B. to all Stations.

Local News.

10.0. THE SAVOY ORPHEANS AND SAVOY HAVANA BAND relayed from the Savoy Hotel, London. S.B. to all Stations.

11.0. Close down.

5IT BIRMINGHAM. 475 M.

3.30.15. The Station Products Quarter.

5.0.5.30. WOMEN'S CORNER. E. H. Wainwright. R.C.M., a Fortnightly Lecture.

5.30.6.5. CHILDREN'S CORNER. A. Cooper B.Sc., A.S. 11. S.B. to all Stations.

6.20.8.35. Boy Scouts' and Girl Guides' News. "An Evening in the Club Room" given by the 39th Birmingham Scout Troop.

6.35.11.0. Programme S.B. from London.

6BM BOURNEMOUTH. 385 M.

2.45.5.0. Talk to Women: "London Papers" read by Anne Farnell Watson. Organ Solo relayed from W. J. Grove House, by kind permission of Walter Child-Clarke.

Arthur Cripps (Baritone), Winifred Ascroft (Soprano).

CHILDREN'S CORNER. 5.35.6.0. Boy Scouts' and Girl Guides' News.

6.0.6.30. School Half Hour: How to Live on Air. By A. S. WILKINSON.

6.35.11.0. Programme S.B. from London.

5WA CARDIFF. 351 M.

5.0.4.0. New Gramophone Records.

4.45.5.15. "SWA'S" - FIVE O'CLOCK. 5.15.6.0. CHILDREN'S CORNER.

6.0.6.15. Teens Corner. Outdoor Recreation.

6.35.11.0. Programme S.B. from London.

2ZY MANCHESTER. 375 M.

4.30. WOMEN'S HALF HOUR.

5.0. CHILDREN'S CORNER.

6.3. Ministry of Agriculture's Fortnightly Bulletin. Market Prices for Farm Produce. S.B. to all Stations.

6.3. WEATHER FORECAST and NEWS. S.B. from London.

Radio Society Talk, S.B. from London.

Dr. NAIRN. S.B. from London.

Local News.

Vocal Instrumental Numerous.

THE "ROYALTY PROTESTS" JUVENILE CHOIR.

Conductor: F. J. WILSON.

KATHLEEN MOORHOUSE (Solo Cello).

MAURICE COLE (Solo Pianoforte).

FRANK LEECH.

Humorous Dialect Stories.

Chorus.

Requiem "The Mass" (1).

Variations on a Russian Theme (1).

Fraser Leach.

Humorous Dialect Stories.

"The Cat and the Song of Hope" (1).

Maurice Cole.

Four Studies Op. 10, Nos. 7 and 11, Op. 2.

No. 5 and 7 (1).

Chorus.

Cradle Song (1).

Lullaby (1).

Chorus.

Isabel Cradle Song (1).

Chorus.

Fraser Leach.

More Humorous Dialect Stories.

8.7 (approx.). Folk Songs.

Solo by Solo (1).

10.0. CENTURY (1).

Solo by Solo (1).

10.0. CENTURY (1).

Solo by Solo (1).

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Solo by Solo (1).

10.0. CENTURY (1).

Solo by Solo (1).

10.0. CENTURY (1).



Brandes Superior
"Matched Tone"
Headphones

PRICE

20/-

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B.B.C. Stamped

All Brandes products carry our
guarantee of perfect service
and we are ready to refund
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satisfied. This really means a free trial.



every one of these advantages will show an added advantage in the construction of Brandes Headphones.

The lock nut on the receiver yoke is a clutch that tightens and holds the receiver firmly in place when satisfactory adjustment has been obtained. This prevents the receivers from slipping, keeps the headphones in correct balance without possibility of working askew and makes the headband so low the natural line of the head. The whole family can wear them with comfort.

Obtainable from any
reputable Dealer.

Have you heard about *Matched Tone*? It is the unusual constructive theory of Brandes *Matched Tone* Headphones which has gained such universal approbation among wireless experts. Entirely original methods are employed to match the two earpieces in tone, sensitivity and volume to exactly the same degree. Obviously, the fact that both produce as one means just double the effectiveness in purity and strength, and greater ability to bring in the distant signals. Brandes are sold with a definite money-back guarantee. Ask your Dealer for them.

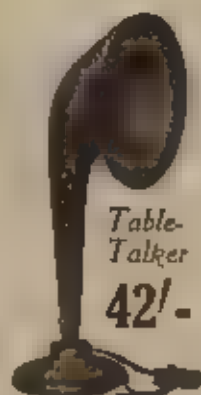


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Talker
42/-

The Table-Talker is another Brandes and its tender is a modern 4-ohm 15-watt unit, which is wonderfully clear and pleasing. The unit is mounted on a base which is a resistance of 100 ohms and is designed to give the maximum power to the headphones. This means the most efficient use of the power and it is finished in a shade of sea green and a silver tone metal light.

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(March 29th
to April 4th.)

MONDAY.

THE UNIVERSITY OF CHICAGO

Incidental Music by Sullivan

2. Et sic docetur adhuc distat a summa

TUESDAY.

WEDNESDAY

"April Folly."

THURSDAY.

FRIDAY.

0.40 0.65. Major T. [redacted] x x

GEORGE WHITE (Tenor)

Wireless in Every School?

Radio as the Teacher's Ally.

THE gramophone, the cinema, and the wireless receiving set have made possible enormous new developments in education. They are new educational agencies of far-reaching importance, though considering the length of time each of them has been a working success, broadcasting has made the greatest step.

The gramophone had long been a popular possession in scores of thousands of homes before it was used on any scale for educational purposes. The tardiness with which it was adopted in schools was in large part due, no doubt, to a prejudice against it. This prejudice is happily breaking down, and for musical purposes and the teaching of languages it is finding its place as a necessary part of the equipment of the school.

Teaching History by Film.

The cinema, again, has by no means won for itself the recognition which it deserves as an instrument of education. I do not think that this is because of any prejudice against the film. It arises very largely through the expense which would be incurred in providing schools with the necessary apparatus and films. I anticipate in the future that in the central halls of all our schools provision will be made for a screen, and geography, history and natural science will be taught with the aid of films. Such films already exist, but their direct educational value is not obtained by their exhibition as part of the ordinary programme of the picture-house.

Wireless, which seems to me, as a mere amateur, far less efficient technically than either the gramophone or the cinema, and which, in many ways, is still in the experimental stage, has during the short time that a wireless service has been available, made extraordinarily rapid strides as an educational agency. Its educational programme is broad in conception, varied in content, and wide in its appeal. It includes musical transmissions to schools in London and the Home Counties during the afternoons, an adult educational scheme (some items of which will be of interest to younger folk, as, for example, the talks on "Everyday life in early times," by Mr. Quenell), than whom there is no better guide and "late talk for the general public."

Not The Real Thing.

I am, however, more concerned at the moment with the use of wireless in the schools. I do not think that it can take the place of the cinema or the gramophone; but I believe it to be even more important than these in the range of its possibilities. The cinema is unrivalled in its way, and will always be needed to supplement mere verbal description or exposition. The gramophone provides a permanent record which can be utilised whenever needed and, in the school, at such times as may be convenient. The teacher with the gramophone is not dependent upon the times determined by the R. B. C. But the gramophone gives a reflected image, not the real thing. The hearer listens to the speaker or the singer at second hand.

Mobilising The World's Brain Power.

The wireless receiving set brings the listener into direct contact with the human voice. Somewhere, whether at "21.0" or elsewhere, there is a living person actually speaking or singing or playing an instrument. But if the broadcaster is misused, he is misused for good. There is no question of putting the record on again.

The direct educational advantages of broadcasting can hardly be over-estimated. It provides the teacher with a new ally to supplement his efforts. Wireless makes it possible to mobilise the world's scientists and historians, poets and musicians, travellers and inventors

By Arthur Greenwood, M.P.

behind the teacher in the classroom, to reinforce his efforts, and to bring the whole juvenile population during the formative years of life into living contact with those who, in one way or another, are fashioning or interpreting the civilization which will be the prestige of the citizens now in the schools.

The British Broadcasting Company has the opportunity of maximizing the influence of scholars and others, whose sphere of influence to-day is severely limited. It can provide men and women with special knowledge and experience, or special attainments, with a world platform. It can do for the whole juvenile population on all subjects of educational interest what the Christmas Scientific Lectures of the Royal Institution do for the few. The teaching of literature, science, history, geography may be revived, and, indeed, revolutionized with the assistance of wireless.

The Still Small Voice.

But, apart from this, broadcasting has a further psychological importance. There was a time when teaching relied almost entirely on the spoken word and the intellectual processes of memory and reasoning. More recently, it has made its appeal, in part, through the eye and the hand. It has been argued—and, no doubt, with some truth—that the appeal through the eye to the understanding may go too far, though the use of the pictorial and diagrammatic illustrations and the cinema film must always form an integral part of our educational apparatus and equipment. Nevertheless, there is an undoubted place for more abstract methods and for the exercise of concentration and imagination.

There is one aspect of the contribution of broadcasting. The still small voice coming out of the void makes a call on the concentration which the cinema film and even the spoken word in the classroom can never make. Moreover, appeal is through the ear alone. Its whole impression must be created, not by illustration and motion, as in the film, not by the visible personality in the classroom, but by sound. It, therefore, exercises the imagination in an especial degree.

A First-Class Slogan.

After all, wireless is but in its infancy. Its educational implications have not yet been fully apprehended. It is clear, however, that its coming marks the beginning of a new era in education. It can never supersede the intimate influence of the teacher in the school, but it can invest the personality of the teacher with greater power and greater opportunities. Whilst the relation of broadcasting to education is being closely studied, and, indeed, in order to enable the problem to be better understood and experiments carried out, the installation of receiving sets in our schools should be extended. There are few better educational slogans than "Wireless in every school."

It is reported that official tests in Denmark have demonstrated the practicability of giving wireless directions to ships passing through the Cattegat to facilitate their passage in foggy weather.

Nearly all Europe will be able to listen to Esperanto programmes when the station now being planned by the Esperantists becomes an actuality. The station will be erected at the summit of one of the hills above Geneva, and its programme will be intended for Great Britain, Germany, Austria, Switzerland, Italy, France and Spain.

It is hoped that the station will be in operation by the early summer.

Disguising The Set.

By Robert Magill.

OF a wireless set still flaunts itself in all its pristine glory of wires and batteries and valves. True, it hardly matches the marquetry cabinet, or the Chippendale occasional table, both of which are priceless—the former because I haven't paid for it yet, and the latter because you couldn't sell it at any price. But no matter. Every now and again I pack that wireless set into a box, but in a week or two it outgrows it and sprouts another valve, so I have given up the effort to tidy it up in despair.

My friend Jones is of sterner mould—or, rather his wife is. She would not be without a set, but she is not going to have her drawing-room look like a marine store dealer's. Her set has to behave itself.

Foiling a "Cat" Burglar.

Cabinets are not aesthetic enough for her, and she felt that she had found the solution when she saw a set that looked like a Jacobean sideboard. This lasted until a cat burglar got in one night while they were at the theatre, and spent half an hour opening the thing with a chisel. He seemed quite hurt about it when the police captured him, for instead of finding their silver he had been rewarded for all his trouble by the information that the police were broadcasting his description on account of a previous burglary. He had switched on the local wireless.

Incidentally he ruined the set; but Jones was insured, and Mrs. Jones purchased a second affair that looks like a bureau book case. It answers quite well, excepting when somebody tries to take a book down, and denotes the connections behind the dummy covers.

Thought It Was His Wife.

Their old loud speaker, of course, was long ago relegated to the attic, to be replaced by a large female figure holding a screen. Jones is short-sighted, and in the dim light one evening he told me that he spent some time in apologising to this thing, until he discovered that it wasn't telling him about coming in with his muddy boots, but was explaining that a depression was arriving from Iceland. He had mistaken it for his wife.

Personally, I fail to see the reason for all this camouflage. A year or so ago an attempt was made to sell pianos disguised as settees, or coal scuttles, or anything but pianos. And it failed utterly. It failed because the makers had not studied the psychology of piano buyers. When a man can afford to owe the money for a piano he doesn't want to hide the fact. On the contrary. His only trouble is that he can't advertise the fact enough.

To Impress the Insurance Man.

And the main use of a piano is not to provide music. We get better music nowadays from radio. The piano exists so that we can keep photographs on it—and also to give a tone to the establishment. Many a family would never hold up its head again if there wasn't a piano in the parlour to impress the insurance man. Maybe there are only a few rusty old wires in it, for nobody ever plays the thing, but the effect is the same.

And as with pianos to-day, so with wireless to-morrow. If you haven't a set, you will be specially ostracised. Then why disguise it?

I can even foresee the day when people will be working in the other direction. Poor, but proud families, unable to afford more than a home-made crystal set, will collect a few used up batteries, an electric bulb or so, and leave them about carelessly on a table, just to impress visitors, and make them imagine it is a three-valve set.

Edward The Peacemaker.

A Great King and a Great Personality. By Sir SIDNEY LEE.*

Few books of recent years have aroused greater interest than Sir Sidney Lee's biography of King Edward VII. which he is writing from original papers at the request of King George. The first volume has already appeared, and the second will be published later. In the following talk Sir Sidney gives an interesting description of some important events in the late monarch's life.

AT King George's request I have been writing from original unpublished material a biography of our late King, Edward VII. The first volume, bringing my story from King Edward's birth until his accession to the Throne, is a long period of over fifty years.

It is in the reason of things that King Edward should be the theme of a full biography, whether from my own pen, or another's. For the half century ending with his death on May 9th, 1910, King Edward excited a livelier interest than any other man of his epoch, not only in this country and the Dominions, but all the world. Generations coming after us will seek knowledge about so prominent and so

pleasure who neglected the serious side of life. Gossipier, I do not think that anyone who justly weighs the author's estimate of when I have collected my question my conclusion that his intense vitality and his great life of mind brought within his range of activity nearly everything that is grave as well as most things that are gay. It is this comprehensiveness of outlook on the world which makes him memorable.



King Edward VII.

A Wise Counselor.

The late King was no student of books, nor can he be called a profound thinker; but few men have had a wider or more varied experience of life. His mind worked rapidly and intuitively, and before he came to the Throne, his counsels on many subjects, notably on foreign affairs, were sometimes ignored to the world's loss. In certain foreign crises he urged a point of view which, though it bore little fruit at the time, has been amply justified by events, and might, if adopted promptly, have saved the world much tribulation.

Here is one instance. King Edward, while Prince of Wales, was entering in his denunciation of Prince Bismarck's autocratic policy at home, and his aggressive policy abroad. King Edward believed in constitutional government, which gives the people's wishes full and peaceful scope. He was equally opposed to autocracy and to revolutionary forms of government. Very early in his career he impugned, with justice, Prince Bismarck's "blood and iron" principles of rule.

The Kaiser's Wrath.

When King Edward was a young man of twenty-three, Prince Bismarck contrived to wrest by force from the little power of Denmark the two provinces on the Baltic Sea of Schleswig and Holstein. Thus, Germany acquired the great port of Kiel and set about building the Kiel Canal, which promoted Germany's naval ambitions in rivalry with our own fleet. Denmark was the country of King Edward's wife, Queen Alexandra, who, happily, is still with us. King Edward fully shared his wife's indignation at the cruel injury which Prince Bismarck wrought on Denmark.

In the case of Schleswig, the wrong done Denmark was especially flagrant because the inhabitants there have always been preponderantly Danish. It was, therefore, a relief for King Edward to learn that Prince Bismarck, when he asked that province, promised that at some unspecified date or other the inhabitants should freely decide by plebiscite whether they would remain a part of Germany or a part of Denmark. But Prince Bismarck did not keep his promise. The appeals of Schleswig to vote on this crucial question he never answered. He finally revoked his promise altogether.

King Edward boldly but ineffectually appealed to the British Foreign Secretary some fifty years ago to hold Germany to her word. Tenaciously

did he press in the years that followed the claim of Schleswig to the holding of a plebiscite. He brought upon himself the wrath of the ex-Kaiser William II. on that arrogant potentate's accession to the Throne, by urging the redress of Schleswig's wrongs.

There was no result then, save an outburst of the ex-Kaiser's anger. But King Edward's chivalric championship of Schleswig ultimately won the day, though not in King Edward's lifetime. The peace of Versailles of 1918, which was the outcome of the recent terrible war, righted Schleswig's wrongs on the lines that King Edward had urged. Schleswig, under a clause of the treaty of Versailles, was accorded a plebiscite, and in 1920 all but a fraction of the province reverted to Denmark.

Sympathy with France.

I have told a similar story on a greater issue. I have shown the intensity of King Edward's desire at the end of the last century that Germany should voluntarily give back to France in the interests of European peace, the provinces of Alsace and Lorraine. In spite of his German kinship, King Edward assimilated very early a lasting sympathy with France—with French sentiment and with French people. Prince Bismarck in 1871 made a tragic error when he outraged French pride by robbing France of her two cherished provinces of Alsace and Lorraine. This wrong King Edward sought to persuade Germany to redress—alas! in vain. Here, again, the Treaty of Versailles in 1919, which gave Alsace and Lorraine back to France was faithful to the spirit of King Edward's pacific counsel offered many years before.

Many and Varied Interests.

But King Edward's enlightened interests ranged over home as well as foreign affairs. He played an active part at the end of the last century in efforts to improve the housing of the people and to make for aged persons due provision when they were past work. I might cite, too, evidence of King Edward's profound interest in medical research. He anxiously hoped for the discovery of cures of such scourges of the human race as cancer, consumption, and leprosy.

I am now writing my second and last volume which deals with King Edward's short reign of nine and a quarter years. No Sovereign of this or any country had served so long an apprenticeship as heir to the Throne. Yet of all our thirty-six Sovereigns since the Norman conquest, only three have reigned for a briefer space than King Edward. But save, perhaps, in the case of King Henry V, who had a few months' longer reign, no king's popularity is likely to claim more general attention from history.

Joy in Life.

King Henry V. is the only happy hero among the kings in Shakespeare's great royal gallery. Shakespeare's other kings come to tragic ends, owing to flaws in their characters. (Shakespeare is only in part responsible for the portrait of King Henry VIII.)

King Edward was not a great general like King Henry V. King Henry V was the conqueror rather than the friend of France. King Edward, on the other hand, has to his credit the heroic aid which he rendered to the linking together of England and France in bonds of amity and good understanding. But King Edward resembles Shakespeare's only happy royal hero in many notable respects—in his joy in life, in his patriotism, in his broad humanity, in his expansive sociability, and, perhaps, at some points in his love of pleasure and youthful enjoyment of a practical joke.

The Aim of Biography.

Biography, an old writer asserts, is the best of all history. At any rate, it is obvious that Greek and Roman biographies of Greek and Roman heroes have done more to make us understand the ancient world than any other kind of history. The true aim of biography is the transmission to posterity of a full and fair account of a human being who has arrested and prolonged contemporary attention. Not only a king or prince possesses the characteristics which are likely to stir future interest and curiosity. But the like of King Edward's distinctive personality is a fact of life which they be princes or no. His personality amply merits the tribute of biography.

His Gift For Friendship.

What were the elements of this personality which makes King Edward everywhere a living memory to-day, fifteen years after his death? To my mind, there were combined in King Edward to a supreme degree such qualities as these: a humane zeal for promoting happiness and harmony in all relations of life, private and public; an alertness of interest in all phases of human activity; an unfailing respect for all kinds of genuine achievement; a rare aptitude for the shrewdness of judgment, a ready and pleasing gift of tactful public speaking.

No man was a more chivalric friend.

"I may and have many faults," he wrote to Lord Granville in 1882, "no one is more alive to them than I am; but I have had one great principle in life from which I will never waver, and that is loyalty to one's friends, and defending them if possible when they get into trouble. One often gets into scrapes in consequence, but I consider the risk worth running."

Where Gossip Erred.

The genial charm of his character may be more important than his exploits, but throughout his career his close observation of foreign affairs often influenced to the national advantage the relations of Great Britain with foreign countries.

At the same time, no one is likely to ignore, now or hereafter, the late King's love of pleasure and his enthusiasm for sport. Gossip of his own day often represented him as the superman of

* A talk from London



Endurance

OUR greatest athletic test, the Oxford and Cambridge University Boat Race, turns our thoughts annually to the fruits of endurance. The story of the hard and long training by members of the crews, individually and collectively, under rigid discipline acts as a morale and simile to the pathway of all achievements in life. Each member of the crew knows that success depends upon him personally, for only by the perfection of each member of the crew can harmony of the whole be achieved. The history of past successes spurs them on, ever with the aim to do "better" than the past "best".

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Dundee Programme.

2DE 331 M.

Week Beginning Sunday, March 29th.

SUNDAY, March 29th.

8.30-9.0.—Service conducted by The Rev. A. F. SIMMONS M.A., Castle Street Congregational Church.
9.0-10.30.—Programme S.B. from London

MON., March 30th, WED., April 1st, SAT., April 4th.

7.4-8.30.—Concert: Women's Topics.
J. J. MENZIES CORNER
8.30-9.0.—Major J. Eddington Aiken, Chairman of East of Scotland Boatswain's Association, on 'Preparation for Winter Quarters' (Monday).
9.0 onwards.—Programme S.B. from Glasgow

TUESDAY, March 31st.

3.30-4.30. Kinross Hall Picture House
5.15-6.0.—CHILDREN'S CORNER
7.0-11.0.—Programme S.B. from London

THURSDAY, April 2nd.

7.30-8.30. Kinross Picture House Orchestra
4.30-5.0.—Recital of New Gramophone Records.
6.0-6.30. Records.
6.35-11.0.—Programme S.B. from London.

FRIDAY, April 3rd.

3.30-4.30.—Kinross Picture House Orchestra.
5.15-6.0.—CHILDREN'S CORNER
6.40-6.55.—Major J. Eddington Aiken, Rags and Bones—An Industrial Topic
7.0-7.30.—Programme S.B. from London
MADLENE MATTHEW (Soprano),
BELLA D. CRAIG (Contralto),
A. H. DYER (Tenor),
A. S. BROWN (Baritone),
DINA D. SMALL (Viol.),
JESSIE G. POWRIE (Clarinettist),
ERNEST WIGHTON (Pianoforte).
7.30. Quartet

"Mary"..... Richardson (34)
A. H. Dyer
"Bonnie Wee Thing"..... Fox
"The Nameless Lass"..... Mackenzie (26).
Bella D. Craig
"The Burn"..... Alice Buntan
"The Burn"..... John Watson (34).
Jessie G. Powrie
"The Deposition"..... Robert Ford
"Madame Matthew and A. H. Dyer."
"Huntingtower"..... W. H. Marfield (25).
A. S. Brown.
"Scotts, Wha Hae"..... Burns
"Scotts, Wha Hae"..... P. Macleod
"The Burn"..... John D. Brown

"Echoes From Ayrshire"..... James Blair
Madeline Matthew
"Can Ye By Atholl?"..... Neil Gies, Junr.
"Down the Burn"..... G. Adhill (26).
Ernest Wightton.
"Scotland"..... Avon
Quartet.

"The Burne Run See Clear"..... Stronach
Jessie G. Powrie.
"Jamie Douglas"..... Old Scotch Ballad
A. H. Dyer.
"Love's To Morrow"..... Henry
"Mountain Lovers"..... Squire (1)
B. D. Craig.

"The Silver Lute"..... V. Monk (5)
"The Sun's a' Deo"..... Frederick Clay
A. H. Dyer and A. S. Brown.
"The Moon Hath Raised"..... Benedict
Madeline Matthew
"Love's Own Kim"..... Opden Hartley
"Till Dawn"..... Lowe

9.30-10.0.—Programme S.B. from London.
10.0.—JESSIE G. POWRIE.
"McGinty"..... Anon.
Edna D. Small.

"Chardas"..... V. Monti
"Intenzenza, 'In a Persian Garden'"..... Kestelbey
A. S. Brown.
Selected.

10.30.—Close down.

Edinburgh Programme.

2EH 328 M.

Week Beginning Sunday, March 29th.

SUNDAY, March 29th

3.0-5.30.—Programme S.B. from London
8.30-9.0.—Religious Service conducted by the Rev. JOSEPH PICKTHALL, M.A., 1, The D., of Augustine Congregational Church, A. by the Church Choir, under the direction of Mr. JAMES B. VALE
Introit, "Lead Me, Lord"
Prayer
Hymn, "Praise, My Soul, the King of Heaven"
Anthem, "Glorious is Thy Name."
A. H. Dyer
Hymn, "Now Thank We All Our God"
9.0-10.30.—Programme S.B. from London.

MONDAY, March 30th.

3.0-4.0.—The Station Pianoforte Trio
5.0-6.0.—CHILDREN'S CORNER
7.0-8.40.—Programme S.B. from London
9.40.—Dr. R. W. LIVINGSTONE, S.B. from London.
Local News
10.0-10.30.—Programme S.B. from London

TUESDAY, March 31st.

3.0-4.0.—The Station Pianoforte Trio
5.0-6.0.—The Station Pianoforte Trio
5.0-6.0.—CHILDREN'S CORNER
7.0-8.40.—Programme S.B. from London

WEDNESDAY, April 1st.

3.0-4.0.—The Station Pianoforte Trio
5.0-6.0.—CHILDREN'S CORNER
7.0-10.10.—Programme S.B. from Glasgow
10.10-10.15. Mr. J. S. CHISHOLM, H.M. Cultural Talk: Local News
10.20-10.30.—Programme S.B. from Glasgow
10.30-11.0.—ENTERTAINMENT TRANSMISSION S.B. from London
11.0-12.0.—THE ROMANY REVELLERS, from the Landed Palace de Dans

THURSDAY, April 2nd.

11.30-12.30.—Gramophone Records.
3.0-4.0.—The Station Pianoforte Trio
5.0-6.0.—CHILDREN'S CORNER
6.35-8.0.—Programme S.B. from London.
8.0-8.30.—Lady MARGARET BACKVILLE
Lecture Recital on "Scottish Ballad."
S.B. from other Stations
8.30-11.0.—Programme S.B. from London.

FRIDAY, April 3rd.

3.0-4.0.—The Station Pianoforte Trio.
5.0-6.0.—CHILDREN'S CORNER.
6.40.—Major J. Eddington Aiken. S.B. from Dundee
7.0.—WEATHER FORECAST and NEWS. S.B. from London.
Percy Scholes. S.B. from London.
Local News.

LUCY ROMAIN (Soprano)
In a Recital of Operatic Arias.
ELDER CUNNINGHAM (Bass-Baritone).
CHESTER HENDERSON (Solo Violoncello).
THE EDINBURGH GAELIC QUARTET
ANNABEL CURRIE,
IRA MENTON,
ADAM JOHNSTON,
J. J. CURRIE.

7.30.—Lucy Romain
"My Strength is Spent" The Taming of the Shrew"
"They Call Me Mimi" ("La Bohème")
7.40.—Chester Henderson
"Requiem"..... Pappas
"Serenade"..... Pappas
7.50.—F. de C. Cunningham
"The Lute Player"..... A. Carlyle (8)
"The Old Side Car"..... Dyer

(Continued in column 1 page 45.)

Hull Programme.

6KH 335 M.

Week Beginning Sunday, March 29th.

SUNDAY, March 29th.

2.0-5.30. } Programme S.B. from London.
8.30-10.30. }

MONDAY, March 30th, and WEDNESDAY, April 1st.

3.0-3.30. Music relayed from the Majestic
4.0-4.30. Picture House
5.0-5.30. WOMEN'S HALF HOUR
5.15-6.15.—CHILDREN'S CORNER
6.40.—Boy Scouts' Talk (Wednesday).
7.0-10.30.—Programme S.B. from London.
7.0-10.30.—Programme S.B. from London.
Bradford, (Wednesday)

TUESDAY, March 31st, and THURSDAY, April 2nd.

3.0-3.30. Music relayed from the Majestic
4.0-4.30. Picture House
5.0-5.30. WOMEN'S HALF HOUR
5.15-6.15.—CHILDREN'S CORNER
6.35.—Agricultural Bulletin and Market Prices
S.B. from London (Thursday)
7.0-11.0.—Programme S.B. from London.

FRIDAY, April 3rd.

3.0-3.30. Music relayed from the Majestic
4.0-4.30. Picture House
5.0-5.30. WOMEN'S HALF HOUR.
5.15-6.15.—CHILDREN'S CORNER
7.0-7.30.—Programme S.B. from London.

Popular Vocal and Instrumental Night.

7.30.—JOHN H. SIGALL (Solo Cello)
Nocturne, Op. 9, No. 3..... Chopin
Minuet in G..... Beethoven
7.40.—HERBERT TINN (Tenor)
"The Blind Troubadour"..... Cunningham Clark
Nirvana..... Stephen Adams (1)
7.50.—MARY FOSTER (Soprano).
"As I Went a-Roaming"..... May H. Brahe 5.
"King, Jayous Bird"..... Montague Phillips
8.0.—FAWLETT EVANS (Entertainer).
In Selections from his Repertoire
8.5.—LILLIAN HAMILTON (Baritone)
The Song..... Montague Phillips
The Song..... Graham (8)
"The Curtain Falls"..... D. Hardelou
8.25.—DAVID MILLER (Banjoist)
Dandy Mith..... Farland
Nirvana..... B. H. H.
"Wave Crest"..... D. Manner
"Mama's in the Cold Ground"..... D. Manner

8.35.—Herbert Tinn.
"Come into the Garden, Maud"..... H. H.
"At Dawning"..... Cadman 1

8.45.—John H. Sigall.
Salut d'Amour..... Elgar
La Cinquantaine..... Gabriel Marie
Simple Aveu..... Thomas

9.0.—Mary Foster.
"The Largest of Us"..... Brinkley
"The Lass with the Delicate Air"..... Arne
Pawcet, Evans
In Selections from his Repertoire.

9.20.—Lillian Hamilton.
"She Alone Charmed My Sadness"
Donned (1)
"Slow, Slow, Thou Winter Wind"
Surgeant (1)

9.30-10.0.—Programme S.B. from London.
10.0.—Herbert Tinn.
Good Company..... Stephen Adams (1)
O That We Two Were Maying..... Arne
Capelle Hamilton

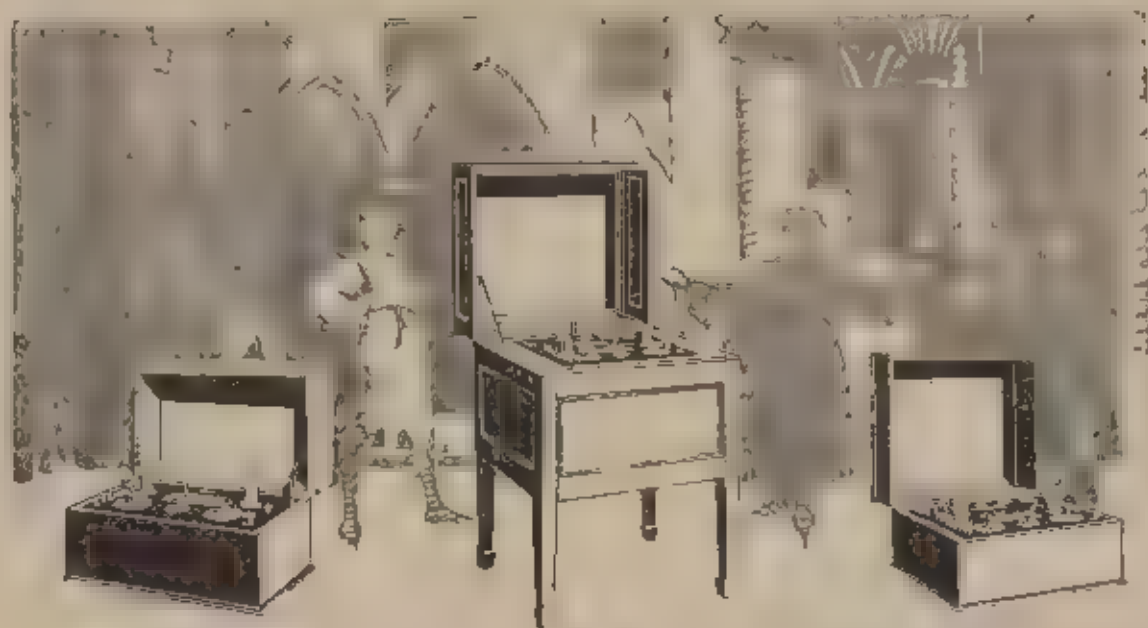
10.10.—"I Fear No Poe"..... P. H. H.
"The Tavern Song"..... Howard Fisher (1)
"Toreador Song" ("Carmen")..... Bisset

10.20.—David Miller.
Cavallette ("Mignon")..... Thomas
"Hark, Hark, the Lark"..... Schuler
"Galopade"..... Cunningham

10.30.—Close down.

SATURDAY, April 4th.

5.0-5.30. } Gramophone Records.
4.0-4.30. }
3.30-4.0.—WOMEN'S HALF HOUR.
5.15-6.15.—CHILDREN'S CORNER.
7.0-12.0.—Programme S.B. from London.



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Leeds—Bradford Programme.

2LS 346 M. 310 M

Week Beginning Sunday, March 29th.

SUNDAY, March 29th.

- 3.0-5.30 Programme S.B. from London
8.15-9.0.—Service relayed from Hurton Lane
(Congregational Church), Bradford. Ad-
dress by The Rev. T. OLIVER HANS-
FORD.
9.0-10.30. Programme S.B. from London.

MONDAY, March 30th.

- 11.30-12.30. Gramophone Recital by Miss
Barita. The Evolution of Opera (V).
1.45.—The Station Tree
2.0.—CHILLIEN'S CORNER
3.15.—Teens' Corner
4.45.—An Appeal for the National Institute
of Research, by H. S. Cogan.
5.15.—Programme S.B. from London

TUESDAY, March 31st.

- 11.30-12.30. Gramophone Records.
1.45.—Isaac Friedmann and his Orchestra,
relayed from the Theatre Royal Picture
House, Bradford.
2.0.—WOMEN'S HALF HOUR
3.15.—CHILLIEN'S CORNER
4.45.—Teens' Corner
5.15.—Programme S.B. from London

WEDNESDAY, April 1st

- 11.30-12.30. Gramophone Records.
1.45.—Isaac Friedmann and his Orchestra,
relayed from the Scala Theatre, Leeds.
2.0.—CHILDREN'S CORNER
3.15.—Teens' Corner
4.45.—Programme S.B. from London
5.15.—Programme S.B. from London
7.30. "Yockshire Evening News" Concert.
"B. to Hoff and Shaffer"
Arranged and Directed by
CECIL MOON
EMILY BEEBE (Soprano).
DOROTHY PARKINSON (Contralto).
SAM HUMPSALL (Tenor).
HARRY BURLEY (Bass).
JACK ALLESTON
HARRY ADDISON (Entertainers).
CECIL MOON (At the Piano).
OVER HILL AND DALE.
I—"In the Woods."
II—"On the Coast."
III—"In High Hall."
IV—"The Village Fair."
9.30-10.15.—Programme S.B. from London.
10.0.—Concert (Continued).
11.0.—Close down

THURSDAY, April 2nd.

- 11.30-12.30. Gramophone Records.
1.45.—Isaac Friedmann and his Orchestra.
2.45-3.15. WOMEN'S HALF HOUR
3.15-4.0. CHILDREN'S CORNER
4.15-4.45.—Teens' Corner
6.30-11.0.—Programme S.B. from London.

FRIDAY, April 3rd.

- 11.30-12.30. Gramophone Records.
1.45.—A Talk to Local Schools.
4.0-5.0. Signor Calamari and his Orchestra.
5.15-6.0. CHILLIEN'S CORNER
6.0-6.15.—Teens' Corner
6.45.—Teens' Corner—Glasgow-Glasgow Scouts'
Band
7.0.—Programme S.B. from London.
7.15.—KATHA (Soprano).
RISPAH GOODACRE (Contralto).
ERNEST PLATTIS (Baritone).
COLLIN SMITH (Tenor).
ALLAN SMITH (Violin).
IVY SMITH (Piano).
7.30. The Tea
Hungarian Dances, Nos. 7 and 8. Lechus
7.47. Ernest Platts
Seated Song
7.45. Collin Smith
Ballade
Tacetella
F. S. M.
P. J. P.
(Continued in column 1, page 48.)



Exit the Dry Battery!

THEORY and practice—even in wireless—cannot always be said to progress hand in hand. Apparatus or circuits which according to all the laws of physics or electricity should perform perfectly frequently fail to function as they should. Such a case in point is the use of Dry Batteries with Dull Emitters.

When the first Dull Emitters were placed on the market a new era was prophesied in which dry batteries would take the place of accumulators. That at present, there is no likelihood of this being realised must be apparent to all clear-thinking wireless enthusiasts.

Time and again it has been proved that unless the dry battery is very large and consequently expensive it cannot possibly cope with the requirements of several Dull Emitters in use at one time. You should remember that the working of a Valve—whether rectifying or amplifying—is a very delicate operation. The filament current must be absolutely constant, otherwise electron emission will vary and upset the whole balance of the Receiver.

Dry batteries are not built to give a constant output—they were originally developed for ringing bells and other intermittent work. They have to generate their own electricity, and in so doing are apt to polarise. Their output fluctuates—at first it is high and then it falls off. All the time you need to keep constantly adjusting the rheostats to be getting the best results.

But compare them with the small accumulator. No matter whether you use an accumulator for five minutes or five hours its output is perfectly constant. It does not generate its own electricity, it merely stores it against demand. For economy, too, the little portable accumulator stands supreme. A small initial cost and a few coppers every few weeks is all you need to spend if your Set is equipped with Wuncells.

This simple explanation will prove to you why the Wuncell—designed to operate from an accumulator—is able to give results which for sensitiveness, purity of tone and volume, are far away ahead of ordinary Dull Emitter Valves. Coscor users will naturally expect great things from the Wuncell, and they will not be disappointed.

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W 2 For Detector and

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20 - each

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Max. plate voltage 80 volts

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Type B 4. 30/- each

Filament voltage 5-6 volts
Filament current 0.25 amp.
Max. plate voltage 120 volts

Type B 5. 50/- each

Filament voltage 3 volts
Filament current 0.12 amp.
Max. plate voltage 120 volts

Type B 7. 32/- each

Filament voltage 6 volts
Filament current 0.06 amp.
Max. plate voltage 170 volts

*For use with de-arc



The B.T.H. Monogram on a valve means a great deal to the buyer. For one thing, it signifies an exceedingly high vacuum produced by a special B.T.H. process. It means a valve which has been thoroughly tested in every respect before leaving the factory. Above all, it signifies a valve of great sensitivity, absolutely free from distortion, a valve which will last longer and give much better results than "soft" foreign (or English) valves.

**USE B.T.H. VALVES AND
MAKE SURE OF GOOD RESULTS**

From all Electricians and Radio Dealers

B.T.H. RADIO VALVES

Made in Rugby, England

Note new reduced prices of all types

Authorized by The British Thermionic Valve Co. Ltd.

2173

Nottingham Programme.

5NG 328 M.

Week Beginning Sunday, March 29th.

SUNDAY, March 29th.

- 7.0-8.0 Programme S.B. from London.
8.0-9.0 The Echo of the Valley.
9.0-10.0 THE KING'S SERVICE.
10.0-10.15 Hymn: "On the Mount of Olives."
10.15-10.30 Hymn: "The Lord is Risen Again."
10.30-10.45 Psalm 23, followed by Lesson, Creed, and Prayer.
10.45-11.0 Hymn: "O Saviour of the World."
11.0-11.15 The Rev. Canon THOMAS.
11.15-11.30 Hymn: "The Lord is Risen Again."
11.30-11.45 Hymn: "The Lord is Risen Again."
11.45-12.0 Hymn: "The Lord is Risen Again."

MONDAY, March 30th.

- 11.30-12.0 Hymn: "The Lord is Risen Again."
12.0-12.15 Hymn: "The Lord is Risen Again."
12.15-12.30 Hymn: "The Lord is Risen Again."
12.30-12.45 Hymn: "The Lord is Risen Again."
12.45-1.0 Hymn: "The Lord is Risen Again."
1.0-1.15 Hymn: "The Lord is Risen Again."
1.15-1.30 Hymn: "The Lord is Risen Again."
1.30-1.45 Hymn: "The Lord is Risen Again."
1.45-2.0 Hymn: "The Lord is Risen Again."

TUESDAY, March 31st.

- 11.30-12.0 Hymn: "The Lord is Risen Again."
12.0-12.15 Hymn: "The Lord is Risen Again."
12.15-12.30 Hymn: "The Lord is Risen Again."
12.30-12.45 Hymn: "The Lord is Risen Again."
12.45-1.0 Hymn: "The Lord is Risen Again."
1.0-1.15 Hymn: "The Lord is Risen Again."
1.15-1.30 Hymn: "The Lord is Risen Again."
1.30-1.45 Hymn: "The Lord is Risen Again."
1.45-2.0 Hymn: "The Lord is Risen Again."

WEDNESDAY, April 1st.

- 11.30-12.0 Hymn: "The Lord is Risen Again."
12.0-12.15 Hymn: "The Lord is Risen Again."
12.15-12.30 Hymn: "The Lord is Risen Again."
12.30-12.45 Hymn: "The Lord is Risen Again."
12.45-1.0 Hymn: "The Lord is Risen Again."
1.0-1.15 Hymn: "The Lord is Risen Again."
1.15-1.30 Hymn: "The Lord is Risen Again."
1.30-1.45 Hymn: "The Lord is Risen Again."
1.45-2.0 Hymn: "The Lord is Risen Again."

THURSDAY, April 2nd.

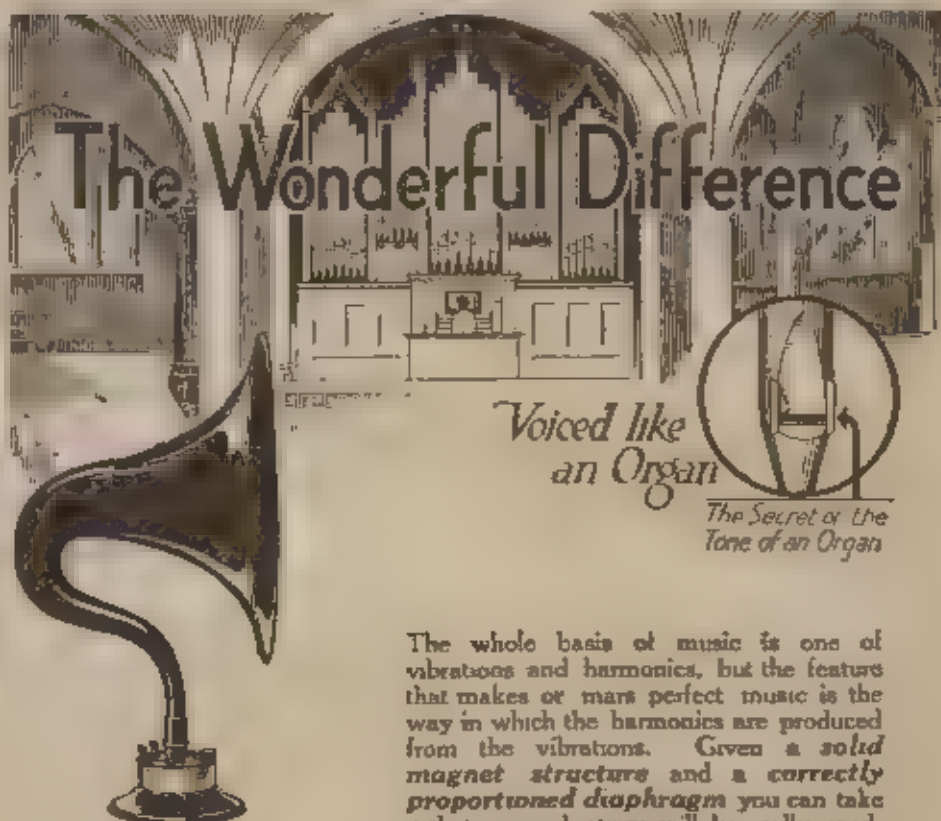
- 11.30-12.0 Hymn: "The Lord is Risen Again."
12.0-12.15 Hymn: "The Lord is Risen Again."
12.15-12.30 Hymn: "The Lord is Risen Again."
12.30-12.45 Hymn: "The Lord is Risen Again."
12.45-1.0 Hymn: "The Lord is Risen Again."
1.0-1.15 Hymn: "The Lord is Risen Again."
1.15-1.30 Hymn: "The Lord is Risen Again."
1.30-1.45 Hymn: "The Lord is Risen Again."
1.45-2.0 Hymn: "The Lord is Risen Again."

FRIDAY, April 3rd.

- 11.30-12.0 Hymn: "The Lord is Risen Again."
12.0-12.15 Hymn: "The Lord is Risen Again."
12.15-12.30 Hymn: "The Lord is Risen Again."
12.30-12.45 Hymn: "The Lord is Risen Again."
12.45-1.0 Hymn: "The Lord is Risen Again."
1.0-1.15 Hymn: "The Lord is Risen Again."
1.15-1.30 Hymn: "The Lord is Risen Again."
1.30-1.45 Hymn: "The Lord is Risen Again."
1.45-2.0 Hymn: "The Lord is Risen Again."

A Ballad Concert.

- 11.30-12.0 Hymn: "The Lord is Risen Again."
12.0-12.15 Hymn: "The Lord is Risen Again."
12.15-12.30 Hymn: "The Lord is Risen Again."
12.30-12.45 Hymn: "The Lord is Risen Again."
12.45-1.0 Hymn: "The Lord is Risen Again."
1.0-1.15 Hymn: "The Lord is Risen Again."
1.15-1.30 Hymn: "The Lord is Risen Again."
1.30-1.45 Hymn: "The Lord is Risen Again."
1.45-2.0 Hymn: "The Lord is Risen Again."



The Wonderful Difference

Voiced like
an Organ

The Secret of the
Tone of an Organ

The voice is in the
mouth of the horn,
and not in the box.

The whole basis of music is one of vibrations and harmonics, but the feature that makes or mars perfect music is the way in which the harmonics are produced from the vibrations. Given a solid magnet structure and a correctly proportioned diaphragm you can take it that your vibrations will be really good, but the resulting harmonics depend entirely upon the way you use those vibrations.

The great art of the organ craftsmen lay in their master-knowledge of harmonics, and the secret of their greatest achievement was the voicing of the pipes.

THE RADIOSUN LOUDSPEAKER

The Secret of the Tone
of the RADIOSUN



PRICE

£5 - 0 - 0.

is the only loudspeaker with the mouth of the sound chamber voiced like an organ. You can guess the immense difference this makes. Every intonation is reproduced from the vibrations of the diaphragm in perfect form, giving real music throughout the range of wireless broadcasting.

The Radiosun Loudspeaker was designed by an organist and engineer; that is why it can give you the purest music. Remember it is voiced like an organ, and it is the only loudspeaker with this supreme feature of design.

The entire magnet system is unique. Watch for further particulars of this wonderful loudspeaker in our advertising.

Write for booklet explaining the WONDERFUL DIFFERENCE free on application.



AUTO SUNDRIES LTD.,

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The World's Greatest Radio Crystal

LIVERPOOL

"Neutron is the best and truest crystal I have ever known, and I have no hesitation in recommending it to anyone."

H.R.

LONDON N.W.1

"Having read of the discovery of a wonderful new crystal with which it is possible to receive broadcasting without a set using a detector only, and also which works a loud speaker from a crystal set, I thought perhaps you would be interested to know that I have been able to do both the above performances with a Neutron Crystal and cat whisker for some time past and the above address is farther from L.F. than that at which the new crystal was tested according to the report."

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Stocked by the Best Radio Dealers.
Packed in tin with silver cat-whisker
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Yellow Tin. If unable to obtain, send
1/6 with dealer's name
and this wonderful crystal
will be mailed by return.

1/6

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Crystal.

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(Phone Museum 7 & 8)

The Crystal with Valve Power

NEUTRON

Plymouth Programme.

5PY 338 M.

Week Beginning Sunday, March 28th.

SUNDAY, March 29th.

8.15-9.0. Popular Sunday Evening Service:
Revised from the 1st-4th.
Address by The Rev. T. WILKINSON
Rector of George Street
Baptist Church.
9.10-10.30. Programme S.B. from London.

MONDAY, March 30th, and WEDNESDAY, April 1st.

11.30-12.30. Gramophone Records.
1.30-4.30. Ernest Manning and his Orchestra
revised from the 1st-4th.
WOMEN'S TOPICS
CHILDREN'S CORNER
8 onwards. Programme S.B. from London.

TUESDAY, March 31st.

1.30-4.30. Ernest Manning and his Orchestra.
4.30-5.30. WOMEN'S TOPICS
5.30-6.30. CHILDREN'S CORNER
6.30. Boy Scouts Bulletin.
7.0-11.0. Programme S.B. from London.

THURSDAY, April 2nd, and SATURDAY, April 4th.

4.0-5.0. Adrien Fabre and his Trio, revised.
5.30-6.30. WOMEN'S TOPICS
6.30-7.30. CHILDREN'S CORNER
7.30-8.30. Programme S.B. from London.
8 onwards. Programme S.B. from London.

FRIDAY, April 3rd.

8.15-9.0. The School: Mr. W. W. ...
9.10-10.30. Programme S.B. from London.
10.30-11.0. CHILDREN'S CORNER
11.0-11.30. Programme S.B. from London.
11.30-12.30. Programme S.B. from London.

Request Night.

RAND OF L. M. C. A. M. A. S. S. S.
PLYMOUTH DIVISION

(By permission of Col. Comm. F. C.
Edwards and Officers R.M.)
Director of Music

LE. P. S. G. O'DONNELL, M.V.O.

7.20. March, "Carnival Parade" ...
Selection, "Carnival" ...

7.50. KATHLEEN DRAKE (Soprano)
"Valley Song" ...
From the Land of the Sky Blue Waters

8.0. "HISTORY REPEATS ITSELF"
A Dialogue by Dawson Maund.
General Sir Rupert Kenneth, K.C.B.

EDWIN BIRCH
Alison Kenneth (His Daughter)
1. ELBIE ELGAR

8.20. The Band
"Prelude" ...
Selection, "Prelude" ...

8.40. The Band
"The Tempest at Yarmouth" (David
Copperfield)

9.0. Kathleen Drake,
"The Wren" ...
Nymphs and Fauns ...

9.30. The Band
"In a Monastery Garden" ...
Selection, "In a Monastery Garden" ...

10.0. Kathleen Drake
"It Was a Love and His Love" ...
The Pipes of Pan ...

10.30. The Band
Xylophone Solo, "Spangies" ...
(Played by the Composer)

Selection, "The Street Singer"
11.0. The Band

11.30. The Band
Xylophone Solo, "Spangies" ...
(Played by the Composer)

Selection, "The Street Singer"
12.0. The Band

Louden Valves



THE Louden Dull-Emitter at 13/6 combines the undoubted economical upkeep of the Dull-Emitter, the low initial cost of the ordinary "bright" valve, and the Silver Clear qualities common to all Loudens.

Its current consumption is only 0.1 amps, which is 1/7th of the consumption of the ordinary type of valve or 1/4th of that of the standard Louden. This reduces your accumulator bills correspondingly, so that the small extra first cost is rapidly repaid.

Your accumulators will run very much longer without recharging so you save trouble as well as money. The life of your accumulators also is greatly increased, as they discharge at a much slower rate when these valves are used.

No alterations need be made to your set to install these Valves, as they work off a 6-volt accumulator. Their use, therefore, does not involve disposing of an expensive battery.

The price of 13/6 brings a first-class Dull-Emitter within the reach of everybody. 13/6 is very little more than you have to pay for an ordinary "bright" valve.

It also has the Silver Clear qualities for which Loudens have justly become famous. Perfectly clear and distortionless reproduction is not the least of its good points.

Ask your nearest retailer for one, as its use is not only a revelation in clear reception but also a revelation in valve economy.

Should your local retailer for any reason be unable to supply you, write direct to us and your order will receive prompt attention.

Louden Dull-Emitter
Type F.E.R.1 for detection and L.F. Amplification.

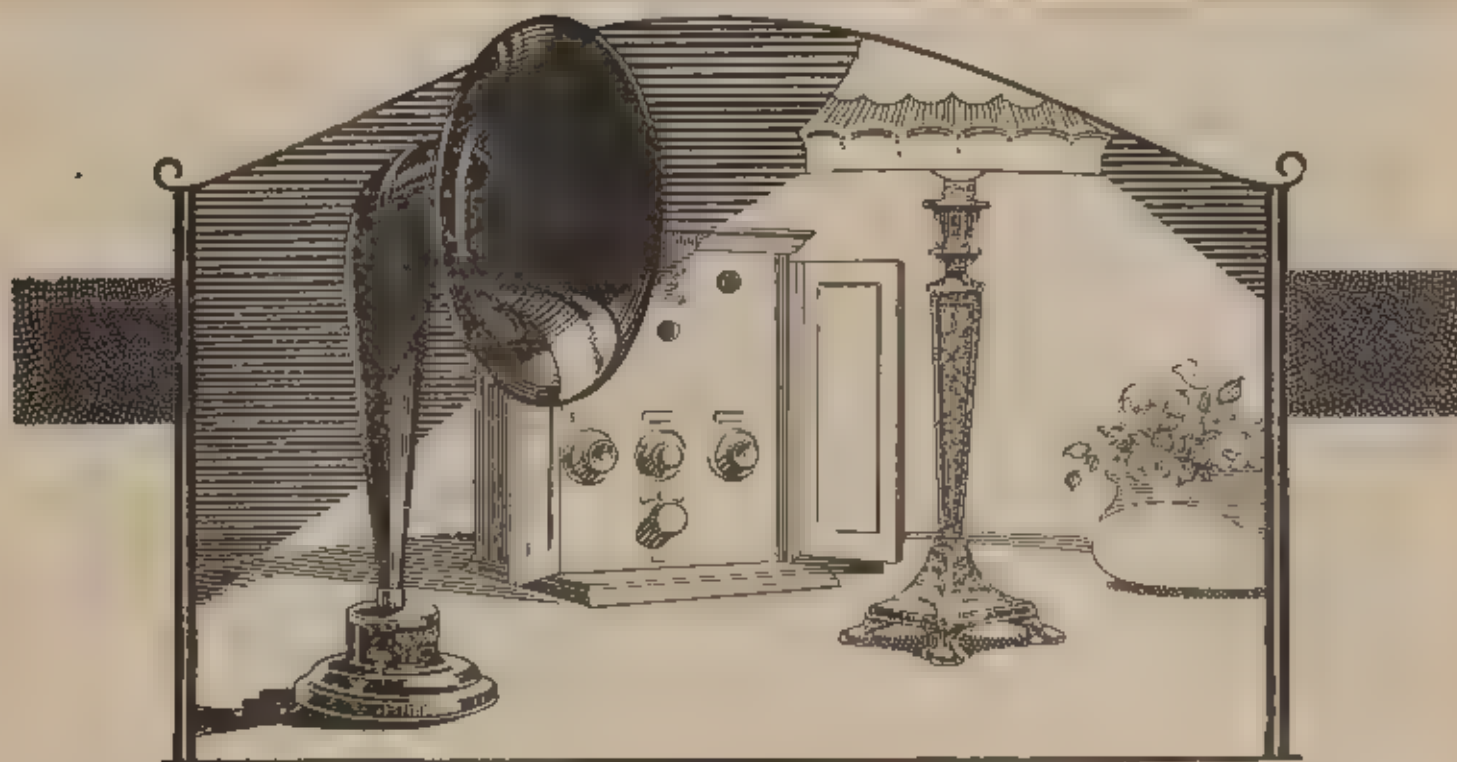
Price
13/6

Type F.E.R.2 for H.F. Amplification.
Filament Volts 5-6
Filament Amps 0.1



ADVT. OF THE FELLOWS MAGNETO CO., LTD., 1 ABER ROYAL, LONDON, S.W. 14.

B.P. 544.



Awaken your receiver to vigorous, tuneful life!

GIVE to your home the added pleasure of the perfect radio reproducer—the "Sparta." The voice that makes your receiver a *living* thing—faithfully re-creating the performance exactly as it is given before the microphone.

The "Sparta" is the Speaker of combined excellence—the supremely good combination of

good components, conceived by master designers, built by master craftsmen. Clear in tone and rich in volume, it reproduces with vivid realism the delicate shadings and overtones of a melody, the subtle inflections of the voice—the *personality* of the artiste himself.

All good dealers stock the "Sparta." Ask for a demonstration and let your own ears prove how extraordinarily good its reproduction is.

Type "A." - - - 120 ohms.
Type "H.A." - - - 2,000 ohms.
Type "H.H.A." - - - 4,000 ohms.
£4. 15. 0.

Every component used in the "Sparta" is the outcome of equally careful thought. It is in fact the co-ordination into one instrument of all the worth-while features in Loud Speaker construction.

SPARTA

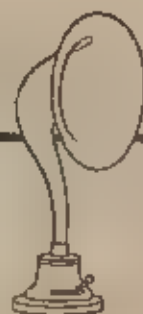
LOUD SPEAKER

Type "B." 120 ohms, £3. 15. 0.
Type "H.B." 2,000 ohms £6. 0. 0.
Type "H.H.B." 4,000 ohms, £5. 0. 0.

All Type "B." Speakers are characterized by the potent, beautiful tone velocity. This consists of an ingenious arrangement of backing and dampers which eliminates away all trace of harshness resulting in a remarkably pure and distinctness of tone.

The "Little Sparta" Loud Speaker.

A small brother of the full-size "Sparta." The perfect miniature Loud Speaker, attractively finished in dull black and oxidized silver. In its construction is included an adjustable diaphragm. Made in 120, 2,000 and 4,000 ohms.
Price 55/-.



All "Sparta" Products are guaranteed for 12 months. Send a card for List 315B—it tells you all about them.

Fuller's United Electric Works, Ltd.,
Woodland Works, Chadwell Heath, Essex.

Sheffield Programme.

6FL 301 M

Week Beginning Sunday, March 29th.

SUNDAY, March 29th

- 7.10.30.—Programme S.B. from London.
- 8.15.0.—Service by Church Army Crusaders Group No. 1, relayed from St. Paul's Church.
- 9.0.10.30.—Programme S.B. from London.

MONDAY, March 30th, to THURSDAY, April 2nd.

- 11.30.12.30.—Gramophone Records
- 4.0.5.0.—The Grand Hotel Orchestra, under the direction of L. de Seta, relayed from the Grand Hotel (Monday)
- 3.30.4.30.—Albert Hall Programme (Tuesday)
- Gramophone Records (Wednesday)
- 5.0.5.30.—WOMEN'S CORNER
- 5.30.6.30.—CHILDREN'S CORNER
- 6.10.—The Rev. A. R. Johnson, The Amateur Print Collector—Buxton Prints (Monday)
- 7.0 onwards.—Programme S.B. from London
- 11.0.—Programme S.B. from London (Wednesday)

FRIDAY, April 3rd

- 11.30.12.30.—Gramophone Records
- 4.0.5.30.—Orchestral Music relayed from the Grand Hotel
- 6.0.6.30.—CHILDREN'S CORNER
- 6.40.—Mr. W. Percival Webb, F.R.S., "Wonders of Nature Talk" (I, I know a Talk)
- 7.0.7.30.—Programme S.B. from London
- "PLANETS PROJECTIONS"

THE PRINCESS OF THE DESERT

A New Fable in Three Acts
By Victor Smythe
(Partners of) ERIC FOGG
Mr. Sumpkins Sumpkins and VICTOR
Mr. Pollitt Pollitt and SMYTHE
W. King (Office Boy) ... T. M. WILSON
Miss Langley (An International Swindler)
D. F. GEMFORD
Muriel Pollitt (Wife of Pollitt)
Barclay (Maid to Princess Sonia)

MISS J. H. LTON

Dolores (A Mannequin) ...
Karl (of a Novel) ...
LAINCLOT QUINN
Princess Sonia (Princess of ...)

HYLIA METCALF

Musical Directed by ERIC FOGG
Produced by VICTOR SMYTHE
Assistant Producer D. E. GEMFORD
Musical Numbers.

Mr. Pollitt, "Why Can't I?" Brahms
Madame, "Nuts in May" ...
Princess Karl, "Spore a Little Love"
J. King and Pollitt, "If I Gave the World to You"
Princess and Prince, "Dancing Flowers"
Princess and Prince, "Romance is Lying"
Mr. Pollitt, "William of Nottingham"

Scene: Salon at Sumpkins and Pollitt's.

Act I. The Receipt

Act II. The Receipt

Act III. The Receipt

Act IV. The Receipt

Act V. The Receipt

Act VI. The Receipt

Act VII. The Receipt

Act VIII. The Receipt

Act IX. The Receipt

Act X. The Receipt

Act XI. The Receipt

Act XII. The Receipt

Act XIII. The Receipt

Act XIV. The Receipt

Act XV. The Receipt

Act XVI. The Receipt

Act XVII. The Receipt

Act XVIII. The Receipt

Act XIX. The Receipt

Act XX. The Receipt

Act XXI. The Receipt

Act XXII. The Receipt

Act XXIII. The Receipt



21/- TRUE MUSIC MINOR:

We do not guarantee that the TrueMusic Minor will work undisturbed from a crystal set. But several purchasers have, nevertheless, written to us to say that it will do so quite satisfactorily. That is sufficient proof that with one stage of amplification this remarkable Loud Speaker will give results rivaling in tone and volume those of many larger and heavier models. Ordinary headphones weigh about 1 lb., whereas T.M.C. No. 3

Lightweight Headphones weigh only 6 1/2 ounces. They are, therefore, well worth the extra cost. (Note that the earpieces are made of leather, and the earpieces are 6 ft. long, thus ensuring all-round comfort.) T.M.C. No. 2A Headphones are 3/4 cheaper than the No. 3 Headphones. They are just as good, but slightly heavier, and both give signal sweet and that is "Clear as Crystal"

Advertisement for T.M.C. products, mentioning various models and their features.

British Made by British Labour

T M C

The Telephone Manufacturing Co., Ltd.
(Makers of the famous Laryngophone)
Hollingsworth Works, West Dulwich, S.E.21



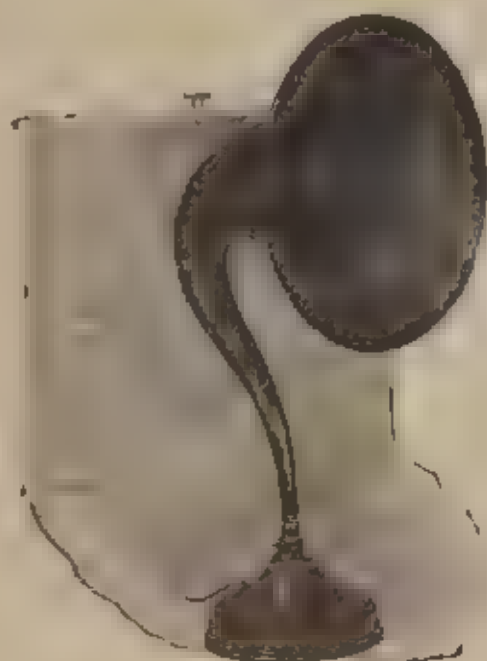
T.M.C. No. 2A Headphones. Resistance 400 ohms. 19/6.



T.M.C. No. 3 Lightweight Headphones. Weight 6 1/2 ounces. Resistance 400 ohms. 22/6.

SIEMENS LOUD SPEAKER

AN IDEAL INSTRUMENT.



Handsome in appearance, unrivalled for clarity and tonal qualities.

By concentrating on a single model we are able to produce a loud speaker of the highest grade, large enough to give ample volume, and yet at a price only a little more than that of miniature instruments.

PRICES:

120 ohms, 42/6. 2,000 ohms, 44/-. 4,000 ohms, 45/-.

Also manufacturers of

SUPER-SENSITIVE HEADPHONES

specially suitable for use with crystal sets and for tuning-in distant stations.

PRICE: 20/-

Resistances 120 ohms, 2,000 ohms, or 4,000 ohms as required.

OBTAINABLE FROM ALL LEADING DEALERS.

SIEMENS BROTHERS & CO., LIMITED,
WOOLWICH, LONDON, S.E.18.



"What can you expect when you didn't look for the name?"

Every super-product sooner or later has its imitations. And British Ericsson Telephones have not escaped. Colourable imitations both in appearance and name (but not in efficiency) are being offered the public.

Look for "Ericsson" stamped on each earpiece. If absent the telephones offered you are "continental" imitations.

Back in 1909 the Admiralty adopted Ericsson British Telephones as standard. In 1917 in the gruelling tests of war the R.A.F. did the same. Their efficiency both as regards sensitivity and robustness secured this distinction. Since then we have immensely improved their sensitivity and to-day they stand supreme as "The World's proved best Telephone." Prices at all good dealers:

120 ohms	}	22/6
2,000 "		
4,000 "		

A Few Ericsson Headphone Virtues.

Clarity of reception for Speech and Music.

The utmost volume procurable.

Long life at maximum efficiency.

Write to-day or apply to our agents for literature dealing on our receiving sets, Super Tone Loud Speaker and latest parts.

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67/73, KINGSWAY, LONDON, W.C.2

Ericsson
(BRITISH)
Telephones



Buy British Goods Only

65T 306 M

SUNDAY, March 29th.

1. H_2O and H_2O_2 are the main products of the reaction of H_2 and O_2 in the presence of Pt and Pd catalysts.

No. 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917,

THURSDAY, April 2nd

Gramophone Records of the Week
HILL & NICHOLS
Programme S.B. from London

FRIDAY, April 3rd.

[illegible]**AN EVENING of Short Plays.**

J. & J. WILLIAM MACREADY
WILLIAM MACREADY (Soprano)
FRED BREWRY (Tenor)
F. HAROLD MORRIS (Bass-tenor)

7.30. "My Darling"
Love's Meant to Make Us Glad

8.15. Fred Brewery
Hounds Wood
Song of Anarchy

9.30. WILLIAM MACREADY EDNA
COLLEEN TURNER
"THE IRISH DOCTOR"

A FAREWELL TO THE ACT IV

10.00. "A Bird Song"
"My Dearest Heart"

10.30. F. Harold Morris
(Soloist)

11.15. William Macready and Fred Brewery
The Master's Service ("J. Travellers")
"Dear Love of Mine"
William Macready and Fred Brewery
"A DAY AFTER CHOICE"
("Daphne")
Fred Brewery
"I Had Not Known"

12.30. William Macready and Edna Colleen Turner
"LOVE IN AN OFFICE"

" RADIO TIMES " READING CASE

Messrs George Newnes, Ltd have prepared a handsome case in red cloth with gilt lettering for "The Radio Times," complete with cord down the back to hold a copy of this publication. A pencil is indispensable to the listener during the course of the programme, and this is included conveniently in a slot at the side. Listeners should order this to-day from any Newsgent. It is published at 2s. 6d., or send 4d. extra to cover postage for a case from the Publisher, 'The Radio Times,' 8-11, Southampton Street, Strand, London, W.C.2.

H M S REPULSE

On Land
and Sea

Loud Speaking Telephone Apparatus
 manufactured by THE HOUSE OF
 GRAHAM is used throughout the British
 Navy and adopted by many Foreign
 Governments, as also by leading Shipping
 Companies in all quarters of the Globe.

With over thirty years pre-eminence in every field of Loud Speaker application, the utility, technical efficiency, and reliability of **GRAHAM** instruments are conclusively demonstrated.

Just as the most exacting requirements of Naval and Maritime experts have been adequately met by production to meticulously accurate standards, so the present-day needs of R. & D. reception have been fully satisfied in the evolution of the **AMPLION Loud Speaker**.

A Product of
The House of Graham

Many patented and therefore exclusive features contribute to the superior qualities of the AMPLION recognized as the World's Standard Wireless Loud Speaker, and acknowledged as

"Better Radio Reproduction."

Obtainable from **AMPLION STOCKISTS** and
Hardware Dealers everywhere

ALFRED GRAHAM & COMPANY

St Andrew's Works, Crispin Park, London, S.E.4.

Free, no charge during broadcasting hours at:

79.12 High St. Clapham N.W. 4

A
Typical Graham
Loud Speaking
Naval Telephone
as fitted on board
ships of the
U. S. Navy

The
AN LION
SHOWING THE
SANDYBIRD
"Iago"
Brought Off by
at
£5 5 0

AMPLION



THE CHILDREN'S SET.

There are many parents who would like nothing better than to give their laddies a Wireless Set. The endless enjoyment that children could obtain from wireless would be worth all the toys in the world. But it must be a set that will not go wrong, that will not require adjustment of any kind and that is not beyond the understanding of children. For the first time this has been done by the discovery of the

R.I. Permanent Mineral Detector Crystal Set.

This wonderful little Set makes things **EVER SO EASY**. There is only one knob to turn. No adjustment of any description. Perfect reception always. Complete in polished mahogany cabinet. Price **£2-2-0**.

B.B.C. and Chelmsford **£2:15 0**

GET ONE FOR YOUR KIDDIES to-day, and make them happy for all time.



THE HOME LOUDSPEAKER SET

is the R.I. Two-valve Amplifier and Permanent Mineral Detector.

Its reproduction is crystal clear and true, its volume will fill the largest of rooms and there is absolutely no crystal adjustment or varying results.

The R.I. Two-valve Amplifier in magnificent mahogany cabinet with folding doors, P.M. Detector and only one knob tuning. Price **£12-12-0**.

On the occasion of the recent "Evening Standard" Concert 1,500 people were entertained at Selfridge's and reception was obtained on a crystal and 2-valve combination. (The crystal used was the R.I. new Permanent Mineral Detector.)

Write for Catalogue
R.T., free on request



Man showing how the P.M. Detector is mounted on the panel.



Contractors to the Admiralty
and all Government Departments.

12 HYDE ST. OXFORD ST. LONDON WC1

HOLIDAYS AFLOAT ON THE NORFOLK BROADS

BETTER THAN
THE SEASIDE

Ask your friends about it.

This year try the holiday that is different. Explore the Norfolk Broads and enjoy a healthy restful change free from the noise of the city.

THE NORFOLK BROADS with their no artificial beauties and no artificial water is open to all and suits you. They are the perfect place for a holiday. The Broads consist of 110 islands of various sizes and lakes situated between Cromer, Lowestoft, Yarmouth and the fine old city of Norwich with its Cathedral and Castle. See leaflet describing Broads, etc.

You have from us for a week or longer a fully furnished wherry, yacht or motor boat which becomes your floating home, moving when and where you wish, inland, out on the sea. It is yours for an hour or a weekend to manage by night and day as you like. You do not have to enjoy yourself. The cost, including boat, food, etc., averages 24 per hour per week.

We will gladly send you full details and help you with information and advice.

Send at once 2d postage for our 192-page booklet containing particulars of 1000 boats, wherries, motor boats, launches and dinghies, also certain, we have to hire and long article "How to enjoy the Broads". Also visit our launch camp, Broads, Thurne, Thurne and Lom.

A 1 OWNER'S CRASH INCLUDED IN OUR BOOKLET

Train Services, Fares and other information from any L.N.E.R. or L.M.S. Enquiry Office.

BLAKE'S LTD.

(Sole Representatives to all Owners),
15, Broadland House 22, Newgate Street,
LONDON, E.C.1.

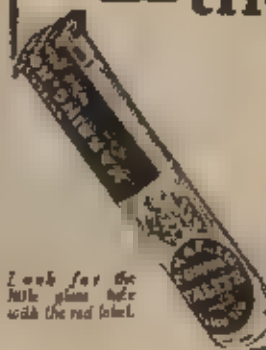
A Sound Idea

Made of specially prepared rubber, and covered in a variety of colours, the DelleX Radio Mat is a perfect solution to a common problem. It provides a protection for your polished surfaces. Get one to-day.



DELLEX LTD., 42, BAKER ST., LONDON, W.1.

TALITE CRYSTAL —the best of all.



Letters are constantly being received testifying to the wonderful results obtained from TALITE. The reason is that TALITE is a natural crystal, and is carefully tested before being sold to the public. Every piece is guaranteed to be super-sensitive, rugged and long, and every spot a true test. Read this extract from a letter just received:

"Although I have tried a dozen different crystal tubes in the last 100 days, the clear reception of all many was wonderful."

from all wireless dealers, price 1/6, or send P.O. order to

HARDING, HOLLAND & FRY, LTD.,
Chemical Manufacturers and Refiners,
52, Queen Victoria Street, London, E.C.4.

Swansea Programme.

SSX 485 M.

Week Beginning Sunday, March 29th.

SUNDAY, March 29th.

7.00-7.15. *Swansea News*.
7.15-7.30. *Swansea News*.
7.30-7.45. *Swansea News*.
7.45-8.00. *Swansea News*.

MONDAY, March 30th.

7.00-7.15. *Swansea News*.
7.15-7.30. *Swansea News*.
7.30-7.45. *Swansea News*.
7.45-8.00. *Swansea News*.
8.00-8.15. *Swansea News*.
8.15-8.30. *Swansea News*.
8.30-8.45. *Swansea News*.
8.45-9.00. *Swansea News*.

TUES. March 31st, and THURS., April 2nd.

7.00-7.15. *Swansea News*.
7.15-7.30. *Swansea News*.
7.30-7.45. *Swansea News*.
7.45-8.00. *Swansea News*.
8.00-8.15. *Swansea News*.
8.15-8.30. *Swansea News*.
8.30-8.45. *Swansea News*.
8.45-9.00. *Swansea News*.

WED., April 1st, and SAT., April 4th.

7.00-7.15. *Swansea News*.
7.15-7.30. *Swansea News*.
7.30-7.45. *Swansea News*.
7.45-8.00. *Swansea News*.
8.00-8.15. *Swansea News*.
8.15-8.30. *Swansea News*.
8.30-8.45. *Swansea News*.
8.45-9.00. *Swansea News*.

FRIDAY April 3rd

7.00-7.15. *Swansea News*.
7.15-7.30. *Swansea News*.
7.30-7.45. *Swansea News*.
7.45-8.00. *Swansea News*.
8.00-8.15. *Swansea News*.
8.15-8.30. *Swansea News*.
8.30-8.45. *Swansea News*.
8.45-9.00. *Swansea News*.

THE FANTASIES CONCERT PARTY
Musical Director, HAROLD WEST.
THE SWANSEA DRAMATIC CLUB.

7.00-7.15. *Swansea News*.
7.15-7.30. *Swansea News*.
7.30-7.45. *Swansea News*.
7.45-8.00. *Swansea News*.
8.00-8.15. *Swansea News*.
8.15-8.30. *Swansea News*.
8.30-8.45. *Swansea News*.
8.45-9.00. *Swansea News*.

MAY STANLEY DAVIES (Soprano).

7.00-7.15. *Swansea News*.
7.15-7.30. *Swansea News*.
7.30-7.45. *Swansea News*.
7.45-8.00. *Swansea News*.
8.00-8.15. *Swansea News*.
8.15-8.30. *Swansea News*.
8.30-8.45. *Swansea News*.
8.45-9.00. *Swansea News*.

JAMES PENTON (Tenor).

7.00-7.15. *Swansea News*.
7.15-7.30. *Swansea News*.
7.30-7.45. *Swansea News*.
7.45-8.00. *Swansea News*.
8.00-8.15. *Swansea News*.
8.15-8.30. *Swansea News*.
8.30-8.45. *Swansea News*.
8.45-9.00. *Swansea News*.

TEDDY MOFFAT.

7.00-7.15. *Swansea News*.
7.15-7.30. *Swansea News*.
7.30-7.45. *Swansea News*.
7.45-8.00. *Swansea News*.
8.00-8.15. *Swansea News*.
8.15-8.30. *Swansea News*.
8.30-8.45. *Swansea News*.
8.45-9.00. *Swansea News*.

LIAM MORGAN (Soprano).

7.00-7.15. *Swansea News*.
7.15-7.30. *Swansea News*.
7.30-7.45. *Swansea News*.
7.45-8.00. *Swansea News*.
8.00-8.15. *Swansea News*.
8.15-8.30. *Swansea News*.
8.30-8.45. *Swansea News*.
8.45-9.00. *Swansea News*.

May Stanley Davies.

7.00-7.15. *Swansea News*.
7.15-7.30. *Swansea News*.
7.30-7.45. *Swansea News*.
7.45-8.00. *Swansea News*.
8.00-8.15. *Swansea News*.
8.15-8.30. *Swansea News*.
8.30-8.45. *Swansea News*.
8.45-9.00. *Swansea News*.

There in the Forest.

7.00-7.15. *Swansea News*.
7.15-7.30. *Swansea News*.
7.30-7.45. *Swansea News*.
7.45-8.00. *Swansea News*.
8.00-8.15. *Swansea News*.
8.15-8.30. *Swansea News*.
8.30-8.45. *Swansea News*.
8.45-9.00. *Swansea News*.

Happy Song.

7.00-7.15. *Swansea News*.
7.15-7.30. *Swansea News*.
7.30-7.45. *Swansea News*.
7.45-8.00. *Swansea News*.
8.00-8.15. *Swansea News*.
8.15-8.30. *Swansea News*.
8.30-8.45. *Swansea News*.
8.45-9.00. *Swansea News*.

Young Love.

7.00-7.15. *Swansea News*.
7.15-7.30. *Swansea News*.
7.30-7.45. *Swansea News*.
7.45-8.00. *Swansea News*.
8.00-8.15. *Swansea News*.
8.15-8.30. *Swansea News*.
8.30-8.45. *Swansea News*.
8.45-9.00. *Swansea News*.

There in the Forest.

7.00-7.15. *Swansea News*.
7.15-7.30. *Swansea News*.
7.30-7.45. *Swansea News*.
7.45-8.00. *Swansea News*.
8.00-8.15. *Swansea News*.
8.15-8.30. *Swansea News*.
8.30-8.45. *Swansea News*.
8.45-9.00. *Swansea News*.

BURIED TREASURE



We all love stories of buried treasure, with their old and yellowed charts, their strange tales from the lips of stricken men, their cryptograms, their expeditions, their hopes and failures.

But in the world of practical affairs there is only one sure and certain way of finding buried treasure.

BURY IT YOURSELF.

The CLIMAX COPPER EARTH is the best form of direct earth. It is ready for immediate use. The specially designed armoured point allows it to be easily driven into the ground. The perforated tube enables water to be easily introduced into the surrounding earth. It takes up little space and is not obtrusive. It is far better than the old fashioned earth with its ugly and inefficient wire trailing through the house, powered by a lead joint on to a wandering water pipe.

If you are troubled with -
Weak signals,
Intermittent signals,

Electric Main disturbances,
Local set interference,
Muddy reception,

the probable cause of this is a weak earth. The CLIMAX COPPER EARTH is the best form of direct earth. It is ready for immediate use. The specially designed armoured point allows it to be easily driven into the ground. The perforated tube enables water to be easily introduced into the surrounding earth. It takes up little space and is not obtrusive. It is far better than the old fashioned earth with its ugly and inefficient wire trailing through the house, powered by a lead joint on to a wandering water pipe.

THE CLIMAX JUNIOR CRYSTAL SET DE LUXE.



Any radio dealer can supply. If difficulties are put in your way, or substitutes offered you, please send your 5/- direct to us, and we will send you the genuine CLIMAX RADIO EARTH by return.

Length approximately 30"

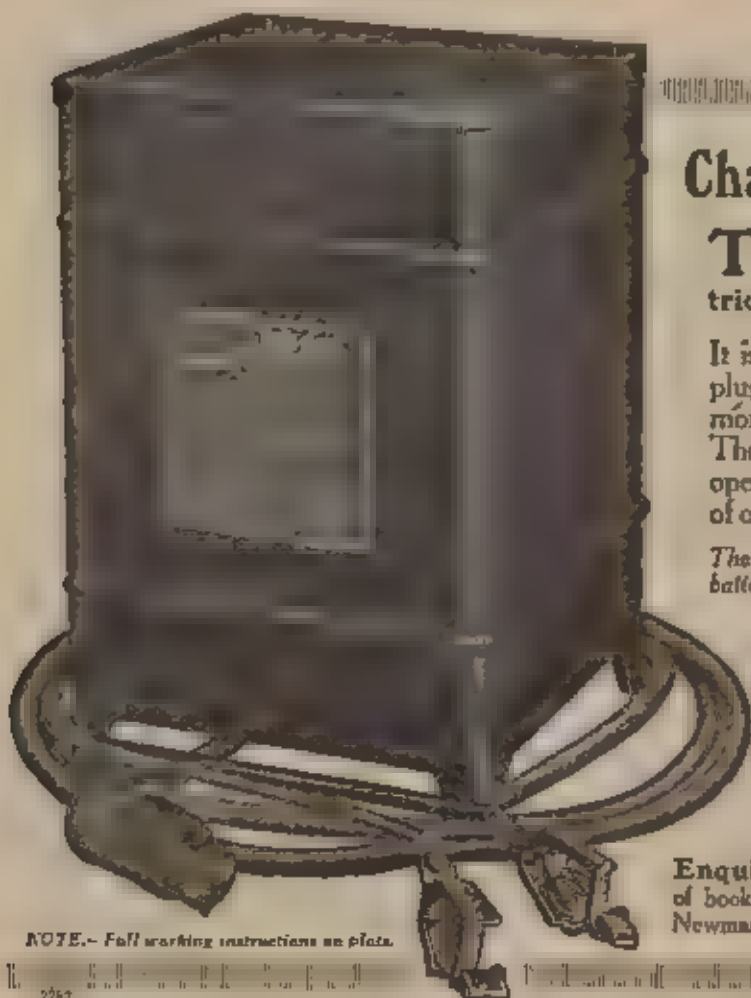
Price 5/-

Climax low loss insulated earth lead, 20ft long. Price 7/3.

INSIST ON THE NAME

CLIMAX RADIO

CLIMAX PATENTS LTD.
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NOTE.— Full working instructions on plate.

Charge your accumulator at home

THE TUNGAR solves the battery-charging problem for all whose houses are electrically-lighted by alternating current.

It is connected on one side to any lamp-holder or wall-plug, and on the other to the battery (the work of a moment). It starts charging as soon as it is switched on. There are no chemical or mechanical complications—its operation is purely electrical and there is nothing to get out of order. It requires no attention and can be left on all night.

The Tungar saves expense and trouble, increases the life of your battery, and enables you to charge any time, night or day.

BTH **Tungar**
FOR CHARGING BATTERIES ON
ALTERNATING CURRENT SUPPLY

Enquire at your local dealer or write for copy of booklet to—The British Thomson-Houston Co., Ltd., Newman Street, Oxford Street, London, W 1



2252



“Broadcasting” Comfort

BERKELEY Comfort is broadcast throughout the entire country and has indeed added to the greater enjoyment of wireless by providing ideal conditions for “listening-in.” What can be more delightful than to rest in the luxurious deep-seated comfort of a Berkeley and “listen-in” to the broadcasting concerts and the wireless news?

The universal popularity of the Berkeley increases day by day. Every chair purchased is an eloquent advocate of Berkeley Comfort and Quality. It makes a circle of new friends wherever it goes. Built for ease and comfort, handsome, roomy, and of the greatest durability, Berkeleys are the finest chair value ever offered.

The **Berkeley** Easy Chair

HAS THE LARGEST SALE OF ANY EASY CHAIR IN THE WORLD.

The frame of the Berkeley is exceptionally strong. It is fitted with long steel-coiled springs in the back, seat, and front edge. The Berkeley has a broad heavily upholstered seat with an extra deep seat and a deep, no-draw front. The seat also has an independent front edge which adds greatly to the comfort and life of the chair.

CASH PRICE 85/- or 15/- with order and 5 payments of 15/- monthly. **FREE DELIVERY** in England & Wales (Scotland & extra).

SOLD ON THE MONEY-BACK PRINCIPLE. Soon after receipt of first payment with your order we send the Berkeley to your home. If you are not completely satisfied, you may return it within 7 days at our expense and we will refund your money in full.

WRITE NOW FOR PATTERNS and show your preference. On receipt of a pattern we will send you, post free, a complete range of serviceable and artistic designs to enable you to select the most suitable for your chair.

H. J. SEARLE & SON, LTD. Manufacturing Upholsters,
Dept. R.T., 70-78, OLD KENT ROAD, LONDON, S.E.1.
Showrooms 123, Victoria St., Westminster, S.W.1, and The Arcade, High Street, Croydon.



*Berkeley chairs are
unusually comfortable.*

Thursday's Programme.

Continued from page 17.

- 1 CHILDREN'S CORNER
 2 Weather Forecast for Farmers.
 3 Girl Guides', Girls' Quilts, and
 4 Boy Scouts' Bude and
 5 Ministry of Agriculture Port-
 6 Bulletin. Market Prices for
 7 Eggs, S.E. from London
 8 WEA & R. FORECAST and NEWS.
 9 S.H. from London
 10 Radio Society Talk. S.H. from London.
 11 Dr. NAIRN S.E. from London
 12 Local News
 13 Humour—Orchestra—Recital,
 14 THE STATION ORCHESTRA
 15 Conducted by H. A. CARLTON
 16 AUGUSTUS BEDDIE Story Recital
 17 MABEL FITZPATRICK (Character rec.)
 18 WINIFRED DAVIS (Soprano).
 19 Orchestral
 20 "The Old" "The New" (Soprano)
 21 Mabel Fitzgerald
 22 A Few Stories
 23 "A Little Girl" Monks
 24 "Arabella" Brighton Rises
 25 "Alfred's Mother" Cecile Fort
 26 Orchestral
 27 "Amina" Lockett
 28 Augustus Beddie
 29 Request Recital of
 30 "The Old"
 31 Orchestral
 32 "The Old" "The New" "The Old"
 33 "The Old" "The New" "The Old"
 34 "The Old" "The New" "The Old"
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Leeds—Bradford Programme.

(Continued from page 24)

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The Children's Hour.

Prices.

Lord Speaker,

H-1, 21 inches high
P on \$5-5-0 to \$5-10-0

Dr. G. S. P. S. S. S.

H.2, 12 inches high.

From £2-5-0 to £2-10-0

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Q. the Loud Speaker

CD • NEW £15-15-0 (H)

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The Famous Brown

rubberweights now reduced to 20 cents each.

Prices to 20¢ per pair

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THE wonderful clarity of a Brown Loud Speaker renders it an easy favourite with the children. And its rugged construction will enable it to survive the rough handling which is inevitable with kiddies playing around the room. No matter whether you choose the homely H.2 or the magnificent Type Q you are assured of the same excellent workmanship. While for volume and tone the patented Brown tuned reed system is entirely without equal.

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Showrooms: 19, Mortimer Street, W.L. 16, Moorfields, Liverpool.

67, High Street, Southampton.

Brown

HEADPHONES AND LOUD SPEAKERS

Edinburgh Programme

(Continued from page 37.)

- 8.2. Quartet.
"Och nan och' sma fa"
"leiradh"
"Hug a lathall dhòra"
"Cudde Doon" H. Robertson (2)
- 8.15. Lucy Romain.
"Gavotte alla il Momento" ("The")
"Marriage of Figaro" Mozart
"Chi da me" ("Don Giovanni")
(With Cello Obligato)
Chester Henderson.
- 8.20. "Old Swedish Air" arr. Squire
"Valse Apache" Van Biers
Elder Cunningham.
- 8.25. "Father O'Brien" Stanford (1)
"Gallants of England" Gatty (1)
"A Jovial Monk Am I" E. Andrew
Quartet.
- 8.35. "Sweet and Low" Barry (2)
"The Banks of Allan Water" arr.
"Weel May the Keel Row" Yorkston
"John Peel" arr.
- 9.5. Lucy Romain.
Waltz Song from "Romeo and Juliet"
Gounod
(Sung in French)
"Max Ford's Song" ("The Merry Wives
of Windsor") Nicolai
- 9.15. Chester Henderson.
"Au Boed de la Mer" Dunkler
"Serenade Espagnole" Pupper
- 9.20. WEATHER FORECAST and NEWS.
S.B. from London.
- 9.25. WALTER FLETCHER. S.B. from
London.
- 9.30. G. L. MARSHALL on "Station Topics."
Local News.
- 10.5 (approx.) Quartet.
"Gadh geal mo chridh" H. Robertson (2)
"Far Away" Joss (1)
"Boat Song" F. H. Coenra (1)
- 10.20. Elder Cunningham.
"If I Might Only Come to"
"You"
"Lighterman Tom"
"Merrill's Roadways" Coates
- 10.30. Close down.

SATURDAY, April 4th.

- 3.0-4.0. The Station Pianoforte Trio.
5.0-6.0. CHILDREN'S CORNER.
7.0-7.30. Programme S.B. from London.
7.30-12.0. Programme S.B. from Glasgow.

Nottingham Programme

(Continued from page 33.)

- Angus Michie.
"Requiem" Homer
"So Fair a Flower" Lohr
"Linton Lowin" Scotch
Morna Stotbury.
Melodie Gluck-Kreiser
Mozart-Kreiser
Mabel Linwood.
"When Love is Kind" Old English Air
"Hark! the Echoing Air" Purcell (20)
Walter Todd.
"Ye Good Old Days" Herbert (13)
"The Ideal Home" Low (13)
Angus Michie.
"Don Juan's Serenade" Tchaikovsky
"To-Morrow" Keel
Lucy Goodwin.
"Love Has Eyes" Henry Bishop
"Bid Me Discourse" Monty
Lucy Goodwin.
"Dream o' Day Jil" German
Walter Todd.
"Fatted Geography" Skyles (7)
"She Seems to Know" Pounds (3)
- 10.30. Close down.

SATURDAY, April 4th.

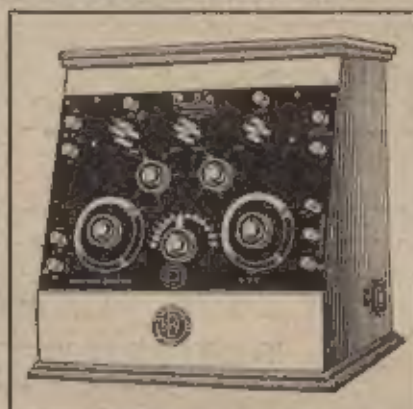
- 3.15-4.15. The Scala Picture Theatre Orchestra.
5.0-6.0. CHILDREN'S CORNER.
8.25-9.45. Mr. Frank Head ("John o' Trent").
Outdoor Topics.
7.0-12.0. Programme S.B. from London.

FOR THOSE WHO WANT THE BEST

Here is the new Dunham Receiver.
BETTER THAN EVER.

Dunham instruments have already established themselves as being by far the most efficient on the market and the new model now ready is so far ahead of the old model, as the old model was ahead of other receivers.

SUPER STRENGTH—SUPER QUALITY—AND SUPER B.N.E.—and the same excellent guarantee. The new circuit arrangement makes Dunham instruments by far the most efficient, and their beautiful finish gives them pride of place in every home.



The "DUNHAM" 3-Valve Receiver.

Range of 400 to 500 miles on the loud speaker are quite ordinary achievements and the foreign stations come through very well. Spain for example being rendered clearly on the loud speaker, results being equal to most long wave receivers and superior to a good many more. Receiver only (new model) £10 10s. 6d. plus Merton royalty fee 3s. 6d. or absolutely complete and including royalties, etc., £16 19s. 6d.

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Late of Merton Scientific Instr. Co.,
334 E. Brixton Hill, S.W.2.

Phone: Brixton 3125. New and easy deferred payments.

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"Once a week I say 'good-night' half-an-hour earlier than usual. It's my Gem Turkish Bath night. Two or three minutes' preparation and the Cabinet is ready; another two or three minutes, and I step in, close the folding door, button the flap and sit down in restful content for the heat to do its good work. Very soon I am glowing all over; then I begin to perspire—at first gently, then profusely. It's time to get out. I unbutton the flap, open the door, step out, have a cold sponge down, then a brisk rub down, then to bed. Next morning I feel grand. Limbs supple, brain clear—it's good to be alive. The Cabinet should be in every home in the land."—A Delighted Customer.

THE GEM TURKISH BATH CABINET gives all the benefits of public Turkish bathing with the privacy and comfort of home. It is compact and portable and lasts a lifetime. Those who use it regularly need never fear winter ill and chills—colds, coughs, influenza, rheumatism, lumbago and the like. Used and recommended by Doctors. Booklet free.

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The Old way — The New way



You simply press the pad against the ear piece—

The PAD that relieves the pressure

Without doubt, the "Kumfi" De Luxe Ear Pad marks a new era in wireless. Instead of the discomfort caused by pressure from the hard surface of the headphones, we now have a soft, resilient, velvety ear pad which relieves the pressure and enables us to listen-in in comfort. The services of the "Kumfi" Ear Pad do not end there. It eliminates exterior noises, absorbs all moisture, and, being antiseptic, keeps the ear-pieces hygienic and clean. Each pad is self-adhesive and only needs pressing against the ear-piece of the headphone. They are equally simple to remove.

'KUMFI' De Luxe EAR PAD

If your Wireless Dealer cannot supply, send 1/3 to the makers. The pads will be sent POST FREE.

A. de ST. DALMAS & CO., LTD.,
LIMESTON.



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DISTINCT AND DIFFERENT

Just what wireless Ought to be!

ORDER FROM YOUR DEALER IMMEDIATELY
**THE EDISON BELL
 DOUBLE PURPOSE UNIT.**

Pat. Nos. 13671/23, 217409/24.



PRICE:
£6-6-0

Marconi Licence 12/6.

The above price does not include Valve or Batteries.

THE EDISON BELL DOUBLE PURPOSE UNIT, as its name implies, mainly serves a double purpose, either as a Valve Detector or as a Dual Amplifier and is the result of long research in our Laboratory. It must not be confused with the ordinary straight single Valve Sets on the market.

Free from hand effects it makes long distance tuning a pleasure.

Ask your Dealer for Folder R.E.113/24 or direct from address below.

This Set embodies all the high class characteristics, finish and efficiency associated with the name of Edison Bell, and cannot fail to satisfy the most critical listener-in.

Ask your Dealer for Folder R/E115 giving details of the Edison Bell New Loud Speaker.

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 behind the Name*
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The huge demand for Exide Batteries has proportionately increased our responsibility for efficient Battery Service. To meet this greater responsibility, an organization has rapidly developed which operates a chain of over 6,600 Exide Service Stations throughout the world.

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Sterling radio has a place in outdoor life, for everywhere on sunny days it is ready to provide the constant charm of music, song and speech. On the river, in the garden, by the sea—what prospects of happy pleasures it opens up for Spring and Summer!

Convenient apparatus giving perfect results will enhance the enjoyment of broadcast reception—that is why the Sterling way is the sunny way in radio.

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The STERLING "DINKIE" Loud Speaker

The little fellow with the loud voice! A loud speaker without equal in its class. Small in size but big in volume—small in price but big in value. "Dinkie" reproduces clearly, loudly and in perfect tone all that is heard on air. In brown painted finish.

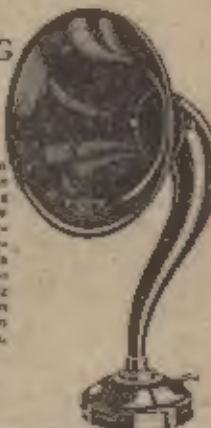
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The STERLING "BABY" Loud Speaker

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The **STERLING "ANODION-ONE"** A highly efficient anodion receiver giving excellent results, often at considerable distance and in less-than-ideal conditions. The tuning scale available for this set covers a wavelength of 213-2650 metres. With B.B.C. set for wireless. PRICE: £7:7:0



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