



THE OFFICIAL ORGAN OF THE B.B.C.

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EVERY FRIDAY.

Two Pence.

OFFICIAL PROGRAMMES OF THE BRITISH BROADCASTING COMPANY.

For the Week Commencing SUNDAY, JUNE 22nd.

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|-------------------|------------|
| LONDON | CARDIFF |
| ABERDEEN | GLASGOW |
| BIRMINGHAM | MANCHESTER |
| BOURNEMOUTH | NEWCASTLE |
| SHEFFIELD (Relay) | |
| PLYMOUTH (Relay) | |
| EDINBURGH (Relay) | |
| LIVERPOOL (Relay) | |

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- SINGING TO THE WORLD.
By Mme. Marguerite D'Alvarez.
- THE NATURE OF GASES.
By Sir William H. Bragg.
- WAGNER, SAD AND GLAD.
By R. D. S. McMillan.
- TELEVISION TROUBLES.
- OFFICIAL NEWS AND VIEWS.

RATES OF SUBSCRIPTION to "The Radio Times" (including postage): TWELVE MONTHS (Foreign), 15s. 8d.; TWELVE MONTHS (British), 13s. 6d.

Imagination and Wireless.

FATHERS of families who possess wireless sets will probably have experienced a curious phenomenon. Some of the family love listening, and others, after the first thrill of a novel experience has passed away, cease to take any interest. Is there a section of the community born with the faculty for listening? The answer is that it requires a good deal of imagination to enjoy listening continually to disembodied voices.

The voice of the nightingale, brilliantly transmitted as it was, proved to a few people disappointing. They had read, perhaps, of the poets' ecstasy in listening to the voice of the "Tawny-throated," and the trills that came by night through the ether seemed to them, after all, very much like the song of an ordinary bird. But those who had imagination could picture in the mind's eye the deep silence of the Surrey woods, the moonlight, the bluebells, and the lady with the 'cello. On some previous occasion the London Studio was giving a Grand Guignol thrill. There was a party cut off in a flooded mine. In one household at least opinions differed most violently about the success of this performance. It was easy to see that those who felt the thrill were those who had the imagination to picture the scene; the darkness, the danger and the terror.

With children we have often noticed that they begin to listen with extraordinary keenness. For the first few weeks nothing will drag them away from the head-phones. Then the interest to some extent flags, and though they are still proud of being the possessors of the apparatus, their listening is not so systematic as formerly. This is possibly because they lack the necessary ingredient of imagination. It may be claimed, however, that they will, after the first period of disillusionment, gradually find that their interest grows again, and grows to be a far finer thing

than the mere excitement about a novelty. They are developing the divine faculty of imagination.

To the imaginative listener all sorts of delights reveal themselves. We remember taking up our head-phones one evening, without having looked at the programme. It was the eve of Good Friday. In the pressure of business we had forgotten the Calendar. We heard a voice, not a pulpit voice, giving a quiet message about the meaning of Easter, which came like one of the voices that the Maid of Domrémy used to hear while she tended her sheep.

Imagination is needed at both ends of the wireless chain. Until those brainy people, the engineers, can invent some machine which will let us, at this end, hear the click of a million instruments being laid aside, we can only rely upon our imaginations to tell us what the people at the other end are thinking and feeling about our transmissions.

We have to try and picture them. There is the pure enthusiast, far more concerned with the means than ends, with manner than matter. He is the experimentalist and the more novelties we can broadcast the more thrills for him. He would as lief hear a fly crawling up the window pane as a nightingale wooing its mate. Then there is the father, the city man home from business, fed and rested. What are his tastes? Some music? Yes, but what sort of music? Good, rather than bad, with an intelligible air in it, preferably something he has heard before—but not too often. With the music, a few minutes' chat by an expert explaining things that you do not see in the newspapers, things people discuss in the trains; things that puzzle you; life's little problems.

(Continued overleaf in column 3.)

Wagner, Sad and Glad.

A Genius and His Strange Romances. By R. D. S. McMillan.



RICHARD WAGNER.

THERE is an axiom to the effect that to live in amity with a genius, one must be an angel, and this truth might have been inspired by the life of Richard Wagner. Women played a notable part in his life, yet the very one whom he chose for wife was perhaps the most unsuited as such, and their mutual unhappiness culminated when she

became a drug-fiend and he entered upon another romance, as strange as any either in or out of fiction. They parted, as was inevitable, she to lead a life of loneliness; he to find the consolation of another wife.

For the misery that he brought Minna, his wife, Wagner has received more than his share of blame, for, after all, we must remember that he strove his hardest to keep his thoughts in tune with hers, only to find that, when they struggled against poverty, as they had to do nearly all their lives, she complained because he would not write "for the gallery."

The truth was that Minna Planer did not realize that she had married one of the world's greatest geniuses; but after their separation the fact seemed gradually to dawn upon her, and we find her writing to the newspapers championing him against his critics.

His First Love.

Four different women influenced Wagner's life. First was Leah David, a little Jewish girl, whom he met in Leipzig, his native city, in which he had been born in 1813. He was still in his 'teens at the time of the romance. She married someone else, and he afterwards declared: "It was my first love-sorrow, and I thought I would never get over it."

The second woman was Minna, who shared all his sorrows and sufferings with him, and whose only fault was that she was more of a housewife than a companion. Wagner was twenty-one when he met her—she was an actress—and two years later, in 1836, they were married. By this time Wagner had been chorus-master and musical director, by turn, at various German theatres; but in 1839 we find them in Paris, whither they had gone brimful of hope, but where they were destined to face starvation.

Starving in Paris.

Wagner had already done some notable composition, including his only completed symphony. It was in Paris that he began *Tannhäuser*, which he was to complete a year or two later; and the *Faust* Overture was also written in the French capital. During this period in Paris the couple suffered terribly, but Minna's comfort was ever ready, and often he testified afterwards to her tender solicitude.

Often Wagner could not go out because there were no soles to his boots, and once he returned home to find that his wife had given away the last crust of bread to someone hungrier than themselves.

After *Tannhäuser* came *Lohengrin*, which brought him no more money than the former—there seemed to be a conspiracy to keep him from having his work performed—then *Das Rheingold* and *Die Walküre*.

It was about this time that he had to fly

from Germany, whither he had returned, as the result of a part he played in the revolution of 1849. He fled to Zurich, and here he met Mathilde Wesendonck, a married woman, with whom he fell in love. Wagner's association with Frau Wesendonck forms a strange chapter in the life of the great man. Their relations were of the purest, and she was quite frank about the whole affair to her husband, whom she actually persuaded to help Wagner, providing him with a house in Zurich.

The Husband in the Background.

"From the moment of our first acquaintance," Wagner writes of the affair, "she had displayed the most unwearied and most delicate care for me, and in the most courageous way had obtained from her husband everything that could lighten my life. . . . Her nobleness consisted in this, that she kept her husband informed of the state of her heart and gradually led him to perfect renunciation of her. . . . Thus, while he was devoured with jealousy, she again interested him for me so far that he often supported me. Her husband, out of love for her, had always to show himself friendly and unconcerned towards me. Not a dark look must he cast on me, not a hair ruffled. . . . Such was the unheard-of result of the glorious love of the purest, noblest woman, and this love, which always remained unspoken between us, was compelled finally to reveal itself when I composed and gave her *Tristan*."

No more wonderful monument to his love could Wagner have offered than *Tristan and Isolde*, and, perhaps believing within his own heart that it would live for ever, he was content.

Eloping at Fifty.

This friendship was the rock on which Wagner's matrimonial barque was to be wrecked. His wife, by this time an opium-eater, was consumed with jealousy and unable to believe the affair could be platonic, and soon after she left him to return to her home.

It was in 1861 or 1862 that the couple parted, and some few years later Wagner met his "vessel of companion gold." She was Cosima von Bulow, the daughter of the great Liszt. All through Wagner's trials Liszt had remained his firm friend. Cosima, unfortunately, was married, and, what was more, her husband looked up to Wagner as if to a god. Wagner was fifty, but so firm a grip of him had this late-love taken that he risked everything for it; he and Cosima ran away.

At last Wagner had met his life's companion, and when their union was blessed with a son, he declared, "A wonderfully beautiful and vigorous son, whom I boldly call 'Siegfried.' He will prosper with my work and give me a new long life, for life has at last found a meaning." It was four years after the death of Minna, who died in 1866, that Wagner and Cosima were married.

The Son Who Inspired a Masterpiece.

The peace which Wagner had long sought was now his, and he aspired to scale even greater heights. Like the opening of a dam, this new love had set free the glory of song that was within him. He composed *Siegfried* in honour of his son; then *Die Meistersingers*, and then occurred to him the great idea which was his obsession to his dying day—the establishment of a German national theatre at Bayreuth.

The sacrifices which Wagner laid at this altar of his patriotism were never-ending, and although the theatre was built and *Der Ring* performed, it was, at first, anything but a success.

(Continued in the next column.)

Imagination and Wireless

(Continued from the previous page.)

No, we do not think that he is the man who wants the Stock Exchange prices. As we picture him there is more than a dash of romance in Mr. Urbanus. A little play or dialogue, something rather tender and Barrieffied, will appeal to Mr. Urbanus—as much as to his wife. We see that couple greyish about the temples, a trifle comfortable about the figure, visibly respectable, and you might even think, a little wanting in sensibility. But are they? Try them with the nightingale, or one of those old pieces, "Salut d'Amour" or "Blue Danube," and it all comes back to them.

* * * * *

We see many more characters at the far end. No space to describe them all. But one we must, for she appeals very much to us. A lonely woman in a quiet house, children married and gone out into the world; husband dead; a solitary woman needing a companion—a companion that can play and sing and talk agreeably on any topic; that can be quieted immediately. We like to think that we can brighten the evening of that woman's life.

(Continued from the previous column.)

and Wagner never saw his dream realized as he had conceived it. Certainly before he died, *Parsifal*, which has been fittingly described as the crown of his life's work, was performed with wonderful results. It was the saviour of Bayreuth; but already the end was near for Wagner. He had gone to live in Venice, and here on the evening of February 13th, 1883, he breathed his last.

Wagner was dead; but the flame which his genius had kindled burned all the more brightly until all the world of music was suffused with its glow.

Next Week: "Liszt, the Man and Lover."

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WIRELESS is included in the trades to which boy recruits in the Royal Air Force are to be apprenticed.

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A NEW high-power wireless station has been completed at Saigon, French Indo-China, which will work direct with Bordeaux, a distance of 6,000 miles.

—

ALL MODERN IMPROVEMENTS.

IT was the familiar farmhouse scene, interior setting. The night was of the bitter sort, a wailing wind and the slash of savage rain.

The girl, with terror in her eyes, sensed her parent's purpose even before he spoke.

"Father," she gasped, "would you send me out into the world on a night like this?"

His lips grimly set, the old man pointed to the door. One monosyllable.

"Go!"

Choking back a sob, the girl took one all-seeing look at the old home, then vanished into the storm.

Silence, save for the wind and rain.

* * * * *

The old man tottered across the creaking kitchen floor and dropped trembling on his knees beside a table. In an instant his bony fingers were fumbling with a long black box.

"It used to be the style in melodrama," he groaned, "to keep burnin' a lamp in the window for ye, a light to guide ye home. But times have changed now, so I'll sit here night and day, with these here contraptions on my ears, just waitin' and prayin' for your dear, dear voice to come to me over the radio."

Listeners' Letters.

(All letters to the Editor to be acknowledged must bear the name and address of the sender. Anonymous contributions are not considered.)

Money Saved Through Listening.

DEAR SIR,—I wish to express my appreciation of the practical assistance given me by the Bournemouth news bulletin on a recent Sunday evening. I was sending a man with a heavy consignment of plants for exhibition at the Three Counties Agricultural Show at Worcester the following morning. Had I not received news of the cancelling of the show, an expensive and fruitless journey would have resulted, as no other information reached me until the afternoon.

Yours faithfully,
Broadstone, Dorset. H. E. B.

Impossible!

DEAR SIR,—Could you not have a bad programme at least once a week, so that I could have a night out without regretting it?

Yours truly,
(Miss) C. H.

A Million to One Chance.

DEAR SIR,—What are the chances of lightning striking a building over which an aerial is erected? I will hazard a guess that if an actuary were to work out the problem for an insurance company and the latter were quite honest with the prospective insurer, the risk of lightning doing damage through the installation of a receiving set would be so small that the premium covering the risk would hardly be worth considering from a business standpoint.

Isolated instances have happened in this country of receiving sets being damaged by lightning, but off-set these with the accidents in the open country far removed from any electrical contraption of man's invention, and one wonders whether something more serious may not have happened had the lightning not been conducted through the aerials.

The individual may rest assured that the odds are a million to one against him receiving any hurt through the installation of a receiving set; but he is on an absolute certainty of passing many pleasant hours at his own fireside with an instrument installed.

It may be wise to fit a lightning arrester or earthing switch for one's own peace of mind; but I must confess that, sooner than forego a decent transmission, I would sit out an electric storm rather than curtail it by earthing my aerial, and I think that I value my skin as highly as does the average man.

Yours truly,
L. N. G.,
Lieutenant-Commander, R.N.R. (Rd.)

The Only Remedy.

DEAR SIR,—I have heard several wisecracks discussing the possibility of the great amount of "juice" flying about from the British Broadcasting Stations being the cause of the recent thunderstorms.

I beg to suggest that one of your stock comedians should broadcast a "talk" to set the aforesaid wisecracks' minds at rest.

Yours appreciatively,
London, S.E. G. D. L.

"Listener" and "Listener-in."

DEAR SIR,—For some obscure reason the B.B.C. has taken a violent dislike to the term "listener-in," although many of their own artistes and quite 90 per cent. of wireless enthusiasts make use of it.

To my mind, it expresses concisely and precisely what it is intended to convey. If one says, "Did you 'listen' last night?" in nine times out of ten the reply would be, "To what?" But "Did you 'listen-in' last night?" instantly suggests wireless.

Yours faithfully,
London, N. L. A. L. H.

Official News and Views.

Gossip About Broadcasting.

Mrs. Wintringham, M.P., to Broadcast.

ON Wednesday, July 2nd, Mrs. Wintringham, M.P., will talk at the London Station on "The Work of a Woman Member of Parliament." This will take place at 4.10. p.m.

Manchester's Education Week.

In order to demonstrate the facilities offered by the Education Committee of Manchester, and to show the inter-connection of its schools and colleges, an Education Week will be held from June 23rd to 28th. To help the Manchester Education Committee in this work, the Manchester Station have agreed to broadcast a series of ten short talks from the studio during the week, and the inaugural conference on Monday, June 23rd, will be relayed from the Albert Hall, the Bishop of Manchester, Dr. W. Temple, being the chief speaker.

Half-Hours at Wembley.

Beginning on June 21st, the London Station is to broadcast a series of Half-hours at Wembley. It is hoped that the following programme will be arranged.

Saturday, June 21st: Band from the Lake Bandstand; music of Burmese Theatre, and possibly noises from Amusements Park.

Tuesday, June 24th: Dance Band from Dancing Hall and Carillon of bells from Vickers stand in the Palace of Engineering.

Saturday, June 28th: "Tongues of the Empire" talk from 9 o'clock, probably to 9.40, followed by Band from the Lake Bandstand.

Saturday, July 5th: Band from the Lake Bandstand; Noises from the Amusements Park and possibly Native Drums from the Gold Coast with descriptive matter.

The times of most of these transmissions will be from 9.30 to 10 p.m.

An Experiment in Pronunciation.

Mr. A. Lloyd James, lecturer in Phonetics to the University of London, at the conclusion of his recent talk from London on accents and dialects gave a little experiment in pronunciation. He gave four pronunciations of the words "poor" and "sure," and asked those interested to let him know which they preferred. Out of 475 votes, 392 were for the first pronunciation, 61 for the second, 2 for the third, and 4 for the fourth. From Scotland 51 votes were received, 39 for the first, 2 for the second and 10 against all four. Sixteen made a difference between "poor" and "sure."

"Tongues of the Empire."

On June 28th Mr. A. Lloyd James will give another interesting talk on "Tongues of the Empire." It will be illustrated by natives of our various colonies, mostly from the British Empire Exhibition at Wembley. Among the peculiar sounds which will be broadcast, as illustrations to his talk, will be the Zulu "click." It is a sound which only Zulus seem to be able to make. Another illustration will be from the Hausa language spoken in Nigeria. It is believed that this language was never heard in this country prior to the opening of Wembley, the first Hausas having come over to the Exhibition.

Chelmsford's New High-Power Station.

It is hoped that tests in connection with the proposed new high-power station at Chelmsford will be carried out on a 1600 metre wave-length on or about June 26th. The call sign will be 5XX.

A Talk on Sweden.

On June 25th a talk on Sweden will be delivered at the Cardiff Station by the Consul-General at Cardiff, Mr. E. G. Sahlin. The famous Swedish singer, Countess Marianne Mörner, will also take part in this programme, as the talk is one of the Magic Carpet Series, which has proved to be highly popular.



Countess
MARIANNE MÖRNER.

An Elizabethan Programme.

An Elizabethan Programme will be given at Cardiff Station on June 26th. The evening will be spent in the company of the great Elizabethan writers and musicians. Miss Margaret Glynn, who is an authority on the music of that period and who is arranging the programme, will first give a talk on the subject. The programme is designed to recreate the atmosphere of that period of English music.

An Interesting Debate.

A debate on social conditions will be broadcast on June 25th by the Newcastle Station. Mr. Will Coxon, of the North Eastern Labour College, will speak on the following subject, "That independent working-class education on industrial questions is essential for the workers." Mr. P. J. Ryan, of the National Alliance of Employers and Employed, will negative this motion and the chairman will be Mr. William Straker, Secretary of the Northumberland Miners' Association.

Broadcast Comedies.

The Newcastle Players' Repertory Theatre Company will give a dramatic night on July 1st at Newcastle. Two one-act plays will be performed—*Makeshift* and *Reality*—both comedies, and both written by Gertrude Robins.

Wireless to Find a Flamingo.

Among the many odd S.O.S. requests received by the B.B.C., one of the strangest was that recently received by the Manchester Station. It came from the Manchester Zoological Gardens authorities who asked the station to aid them in retrieving a flamingo which had escaped from the Zoo. Ten minutes after the message was broadcast, a listener rang up and reported the capture of a similar bird to the one missing from the Zoo. It was not the missing flamingo, however—this was found later—but a bird the identity of which has not yet been established.

Operas in July.

The following operas, to be performed by the British National Opera Co., will be relayed from His Majesty's Theatre, and broadcast during the month of July:—

July 1st.—*Il Seraglio*. Last Act.
July 2nd.—*The Perfect Fool*.
July 8th.—*La Bohème*. Act IV.
July 9th.—*The Magic Flute*. Act I.
July 11th.—*Le Coq d'Or*. Act II.
July 14th.—*Hugh, the Rover*. Act II.
July 19th.—*Tannhäuser*. Act III.

A LISTENER in Sweden reports that with a three-valve receiver the British stations can sometimes be heard louder than Stockholm.

THE latest devotees of wireless are bargemen on the Thames and Medway. Quite a number of barges now have crystal sets and the men in charge and their families spend many a happy hour listening.

A Famous Elizabethan Song.

The Story of "Drink to Me Only with Thine Eyes."

AMERICAN visitors to this country often reveal a more intimate acquaintance with the history of places of interest, and even with English literature, than we who live where that history was enacted and where this literature was penned. If you were to ask an American what was the most famous of the older epitaphs in the Abbey—for that of the Unknown Warrior and of David Livingstone, have of late added distinction to them—he might probably reply "O Rare Ben Jonson!" and he would be right. But if he were further required to quote a single line from "Rare Ben's" very voluminous writings, it is not improbable that he would, in 'varsity language, be "ploughed."

Yet the first line of Jonson's song entitled "To Celia," is one of the best known in the language: "Drink to me only with thine eyes," and the song itself is one of those cameos of language of which Elizabethan times were so

TO CELIA.

Drink to me only with thine eyes,
And I will pledge with mine;
Or leave a kiss but in the cup
And I'll not look for wine.
The thirst that from the soul doth rise
Doth ask a drink divine;
But might I of Jove's nectar sup,
I would not change for thine.

I sent thee late a rosy wreath,
Not so much honouring thee
As giving it a hope that there
It could not wither'd be;
But thou thereon didst only breathe
And sent'st it back to me;
Since when it grows, and smells, I swear,
Not of itself, but thee!

prolific. Palgrave, in his "Golden Treasury" of songs and lyrics, gives thirty-two of Shakespeare's lyrics and only three of Jonson's, yet of Jonson's career we know much and of Shakespeare's very little.

Indeed, what we do know of Shakespeare's life after he migrated to London, is chiefly derived from Ben Jonson himself, and is extremely meagre at that, whilst Jonson was the first Poet Laureate, and was the first to receive the annual "tierce of canary" which became the customary royal gift to the holder of the laureateship.

Shakespeare as Actor.

It is one of the puzzles of literary history that we should know so much of Jonson, and so little of his friend and fellow actor and playwright, Shakespeare, although Shakespeare was nine years his senior. It is, moreover, fairly certain that Shakespeare actually played a part in two of Jonson's stage pieces, although as dramatists they are as the poles asunder in point of merit.

It is often asserted that Shakespeare was too "unlettered" to write the plays attributed to him; but Jonson's work suffers from the very opposite cause. Jonson, in fact, was a "Westminster scholar," and accounted a man of great learning, and he is so anxious to show it, that almost all his work, with the exception of one or two lovely lyrics like "Drink to me only" and "Hymn to Diana," are spoiled by learned bombast.

Yet what would the world give to-day had there been a Boswell sitting among the wits of the Mermaid Tavern recording the conversation

of Jonson and Shakespeare, and the other "wits" of that wonderful age? There can be no doubt of one thing, that Jonson, like his namesake of a later time, Dr. Johnson, was, for a long period, regarded with affection by his contemporaries, and with great reverence by the younger poets of his day. He was the Great Panjandrum of tavern life, and it must be remembered that the tavern stood to Elizabethan and Jacobean times as the club stood to later times.

Like Dr. Johnson, too, he paid a memorable visit to Scotland, where he stayed with the poet known to literary annals as Drummond of Hawthornden, and it is he who has left a "character" of the great man which by no means errs on the side of charity.

A Harsh Criticism.

Drummond calls him "a great lover and praiser of himself, a contemner and scorner of others, given rather to lose a friend than a jest, jealous of every word and action of those about him . . . a dissembler of ill parts which reign in him, a bragger of some good that he wanteth—passionately kind and angry—oppressed with fantasy which hath ever mastered his reason." This summing up of Jonson's character must, however, be taken with the proverbial grain of salt, for there can be no doubt that the finest minds of his time, including the mighty Shakespeare himself, gave him their goodwill and admiration.

Jonson was several times in prison for no very sufficient reason, and on one occasion ran the risk of ending his days on the gallows. His mother had married a bricklayer as her second husband, and Jonson for a time worked at that humble occupation, and it is probable that an actor named Gabriel Spencer had made some slighting allusion to this fact. Be the reason what it may, a duel ensued in Hogsden Fields, and Jonson had the misfortune to kill his opponent. For this, he was tried for his life, and only escaped death "by benefit of clergy."

A Piece of Scandal.

The story has been told of how Jonson visited his old friend Shakespeare after he had retired to his native Stratford-on-Avon, and there, together with Drayton, another poet, made the creator of *Hamlet* drink so hard with them that their convivial meeting induced the fatal fever which brought Shakespeare to the grave, and ended the life of the greatest dramatist of all time. This, however, is a piece of scandal with which most students of our literature refuse to load the memory of either Shakespeare or his old crony.

A. B. COOPER.

THE NATIONS AND THE NIGHTINGALES.

A CORRESPONDENT writing from Pettit-Quevilly, describing the pleasure he received in listening to the nightingales broadcast from Oxted, said that he and his friends "were very happy to felicitate the B.B.C. upon this remarkable result."

Similar letters were received from Belgium, Denmark, Spain, Italy, Ireland, as well as from a host of correspondents in the United Kingdom.

Mr. E. Kay Robinson, who gives the Natural History talks, and who assisted in the nightingale transmissions, was at one time editor of the *Civil and Military Gazette* in India, when he had with him Mr. Rudyard Kipling as an assistant. Mr. Kipling dedicated "Life's Handicap" to him.

Television Troubles.

Disadvantages of Seeing By Wireless.

THERE used to be, and I suppose there still is, a law permitting the arrest of vagrants "without visible means of support." To-day, however, that phrase seems to be much more applicable to wireless, than to destitution, for the sounds—from heart-beats to hurrahs and bee-buzzing to brass bands—that can now be flashed across the oceans and the continents, certainly do not require any carefully-laid wire tracks along which to travel to their destination.

Now while one may contemplate with justifiable enthusiasm, the wonderful happenings that have taken place and wait with eager curiosity for further development, there is room for speculation whether one form of that development will prove as acceptable as we imagine. It is all very well for clever inventors to tell us how wonderful the world is going to be when television comes in a few years time—or is it months?—but it is probable we are piling up for ourselves a whole heap of trouble.

That there will be certain advantages is obvious, and a new lease of life is assured to the B.B.C. when it becomes, as we must suppose it will, the British Broadcasting and Television Company.

A New Motto for the Shops.

For television will have entered completely into the life of the community and be used for many other purposes than mere entertainment. The housewife will naturally order all her goods by the aid of the new method. When she telephones the butcher, she will be able to see what sort of chops he has to offer that morning. It will be the same with the fishmonger, or the florist, or the draper. "Shop by television" will be the new motto at the big stores.

At the cinema theatres, big events will be shown as they are happening all over the world, with additional thrills in between. You will be taken up with a pilot in an aeroplane and, as you listen to the roar of the engine, the world below will be seen with his eyes in order to let you participate in his experience without leaving the ground.

"Supers" to Provide Enthusiasm.

But how many disadvantages there will be! Not long ago, London broadcast a very entertaining item, in which a man sang while in his bath, to the accompaniment of much splashing of water. Imagine that sort of thing being done by television!

Think, too, of other changes that may be brought about. With television we are to be able to see big functions—the race for the Derby, the big football matches, the Boat Race, and other important events, without going anywhere near them. But if we all do that, where will be the crowds that help to make these things so exciting? Will the British Broadcasting and Television Company be compelled to engage supers to provide the necessary enthusiasm?

A Spoiled Holiday.

Little irritations will increase. The telephone caller who is told that the man to whom he wants to speak is out, will certainly not believe it, if, at the same time, television clearly reveals him to be present. And what of the American who, arriving in London, has a glance by television of his home in New York and finds that he has left the electric light burning in the hall or left his front door open? He won't be able to turn that light out by television or close the door, and he will fret so much that his whole holiday will be spoiled.

Even worse will be the experience, perhaps, of his compatriots in New York who, by television, will see Londoners drinking cocktails while being compelled to remain parched and helpless!

GEORGE FYFE.

PEOPLE IN THE PROGRAMMES — GOSSIP ABOUT ARTISTES & OTHERS.

Learning the 'Cello at Seven.



MR. CEDRIC SHARPE.

MR. CEDRIC SHARPE, the 'cellist, who frequently broadcasts, began to learn that difficult instrument at the early age of seven. Later, he studied with Mr. W. H. Squire, at the Royal College of Music, where he was presented with the Rajah Togore Gold Medal and the Dove Prize for the most distinguished

scholar of the year.

Mr. Sharpe is a member of many noted chamber music organizations, namely, the Chamber Music Players, the Philharmonic String Quartette, the English Trio, and the newly-formed Virtuoso String Quartette. He has played as principal 'cellist in the Queen's Hall Orchestra, the Beecham Symphony Orchestra, Goossens' Orchestra, the British Symphony Orchestra, and the Albert Hall Orchestra.

Unlike many musicians, Mr. Sharpe is a great believer in the open-air life, and he is a keen golfer, tennis player and motorist.

During the war, Mr. Sharpe first of all served in the ranks with the Glamorgan Yeomanry, later obtaining a commission in the same unit. He was then transferred to the Tank Corps, with which he served in France.

Mr. Winston Churchill on "English."

A DISTINGUISHED politician who will be heard by wireless this week is the Rt. Hon. Winston Churchill, who, on June 27th, on the occasion of the Commemoration Day of the London School of Economics, will speak on "English."

As the writer of numerous books noted for their vigorous style, Mr. Churchill should be more than competent to speak on "English," and listeners should not fail to tune in at 6 p.m. on June 27th.

Mr. Churchill can be very witty when he likes and it is to him that we owe the following summing up of a Parliamentary candidate: "He is asked to stand, he wants to sit, and he is expected to lie."

Scottish Psalms Tunes.

ON Sunday, June 22nd, the Rev. Archibald Fleming, D.D., of St. Columba's (Church of Scotland), Pont Street, will broadcast from London a talk on "Old Scottish Psalm Tunes." To add to the interest of the occasion, the talk will be "illustrated" by the singing of his church choir.

Dr. Fleming has been minister of St. Columba's Church since 1902, having previously been assistant minister of St. Cuthbert's, Edinburgh, Minister of Newton Parish, Midlothian, and of Tron Parish, Edinburgh. He is one of the most eloquent preachers now in London, and he has written a great deal for various newspapers and magazines.

A Famous Brass Band.

ON Sunday afternoon, June 22nd, the Luton Red Cross Silver Brass Band, which won the Thousand Guinea Trophy at the National Band Festival at the Crystal Palace, in September, 1923, will broadcast for the first time. This Festival is open to Great Britain and the Colonies, and to win the trophy is the ambition of all famous brass bands.

The Luton Red Cross Silver Brass Band has had a number of tone poems specially written for it by various composers. On Sunday afternoon they will play "Tynemouth Abbey," by J. O. Hulme, whose band compositions are popular in many countries.

The International One-Act Players.



MISS ELIZABETH EVERARD.

THE popularity of the broadcast one-act play is increasing. A company that is specializing in that kind of production is the International One-Act Players, whose director is Miss Elizabeth Everard.

"I am of the opinion," said Miss Everard to me the other day, "that the one-act play may be, and very often is, as perfect a work of art as the finest of three or four-act dramas. With the help of my company, I hope to do for the one-act play what others have done in this country for the short story. We are anxious to establish the play-in-miniature in a place where this form of art may be honoured, seen, and heard. The one-act play is, of course, eminently suitable for broadcasting."

Listeners will have an opportunity of appreciating the work of Miss Everard's company on June 25th, for on that date various plays, including *The Stepmother*, by Arnold Bennett, will be broadcast from London.

A Clever Young Actress.



MISS JEAN CADELL.

THE part of Mrs. Prout in Mr. Arnold Bennett's above-mentioned play will be taken by Miss Jean Cadell. Miss Cadell is a clever young actress who is well known to theatre-goers for her life-like portrait of Miss Shoe, in *At Mrs. Beam's*, and also for her acting as the Scotch matron in Sir Gerald du Maurier's production of *London Pride* and the Caretaker in *Mary Rose*.

On June 25th Miss Cadell will also broadcast the part of the Queen in Schiller's *Don Carlos*.

An Authority On Gardening.



MRS. MARION CRAN.

LISTENERS who are fond of gardening can obtain a wealth of useful information from the fortnightly talks from London by Mrs. Marion Cran, F.R.H.S. Besides lecturing, Mrs. Cran has written a great deal on gardening and she is publishing a new book on the subject this autumn. Her name will live in horticulture, too, owing to the fact that

a most beautiful species of iris is called the "Marion Cran."

Mrs. Cran has travelled extensively and has held some important positions. In 1908 she was Commissioner for the Canadian Government to report on conditions for women in the North West, and in 1920 she was envoy through Africa, Australia, New Zealand, and Canada for the Imperial Association and British Press to report on conditions of migration within the Empire. She is also keenly interested in the theatre, her play, *The Shell of a Man*, having been produced at the Kingsway some years ago.

Hearing.



MR. GEORGE BLAKE.

AN interesting item in the Glasgow programme on Tuesday, June 24th, will be a one-act play entitled *The Mother*. The author, Mr. George Blake, who is a novelist as well as a playwright, came from Glasgow six months ago to be acting editor of *John o' London's Weekly*. Before coming south he was closely associated with the Scottish National Players,

who have broadcast more than one item of their repertoire from the Glasgow Station in the past.

The Mother is a grim and tragic tale of Hebridean life, but it is, in its nature, eminently suited for broadcasting purposes, being crisp in dialogue and direct in action.

There is an interesting coincidence in the fact that Mr. Blake's secretary, Miss Doris Champion, is to sing from the London Studio on the afternoon of June 23rd.

"Book Talks for Women."

IT is a happy thing to be born and bred among books and that has been the fate of the writer who signs herself "Marjory Royce." Her father was the late Sir William Robertson Nicoll, the distinguished editor and literary critic. Into their home poured, in an unceasing stream, the latest books on every subject under the sun.

"Marjory Royce" is a prolific writer, especially of children's stories, and she collaborated with her brother in the novel "Lord Richard in the Pantry."

Miss Royce, with her friend, Miss Moira Meighn, is broadcasting a series of "Book Talks for Women" this and next month from the Bournemouth Station.

The Child Idea.

LISTENERS since the early days will be interested to know that Miss Moira Meighn is the writer of "The True Story of Father Christmas," which was broadcast from London on the memorable first Christmas Eve at that station.

On that occasion, an amusing incident occurred. A little child who was listening to the story tried to squeeze herself into the loud speaker in order "to live with Santa Claus always in the Hall of Hearts!"

Miss Meighn, by the way, is also the author of the popular "Tales of the Fairy Dustman."

To Make Poetry Popular.

A TALK which aroused much interest was "Modern Scots Poets in the Vernacular," which Mr. Ninian MacWhannell, F.R.I.B.A., gave from Glasgow on June 19th. Mr. MacWhannell is an ex-president of the Scottish Burns Club, and also of the Scottish Song Society.

He is an enthusiastic worker for the Burns Cult and endeavours to interest Burns Clubs in literature by keeping them in touch with the poetry of the day as well as that of the past. He has done much to popularize such modern poets as Charles Murray, Hammish Hendry, Violet Jacob, Walter Wingate, Dr. Rorie, George Abel, Gilbert Rae, John Smellie Martin, and others.

Now that aërials are a common sight and housewives have seen the method of their erection, thousands of clothes-lines are being erected in the same way, as housewives find the two-wire principle an excellent idea.

WIRELESS PROGRAMME—SUNDAY (June 22nd.)

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

LONDON.

- 3.0.—Time Signal from Big Ben.
Band Programme.
THE LUTON RED CROSS SILVER PRIZE BAND.
 Conductor, FREDERICK MORTIMER.
 GLADYS NAISH (Soprano).
 BEATRICE EVELINE (Solo Violoncello).
 STANLEY HOLT (Solo Pianoforte).
 The Band.
 March, "B.B. and C.F." *Hume*
 Selection from Tchaikovsky's Works
arr. W. Rimmer
 Soprano Songs.
 "On Mighty Pens" ("The Creation")
Haydn (11)
 "Caro Nome" ("Rigoletto") *Verdi* (1)
 Violoncello Solo.
 "Mélodie" *Frank Bridge*
 "Butterflies" *Hamilton Harty*
 "Idylle" *Ethel Barnes* (15)
 The Band.
 Tone Poem, "Coriolanus" *Cyril Jenkins*
 Prof. ARTHUR J. IRELAND on "The Making of a Martyr—St. Alban."
 Pianoforte Solo.
 An Original Paraphrase on Well-known Melodies.
 The Band.
 Cornet Solo, "Shylock" *Lear*
 (Soloist, Harry Mortimer.)
 Morceau, "The Bells of St. Etienne"
Douglas (1)
 Soprano Songs.
 Waltz Song from "Merrie England"
German
 "The Lilac Tree" *George Garlan*
 Violoncello Solo.
 "Ave Maria" *Schubert, arr. Squire* (1)
 The Band.
 Reverie, "Tynemouth Abbey" *Hume*
 "La Caprice de Nanette"
Coleridge-Taylor (1)
 Descriptive March, "A Turkish Patrol"
Michalis (1)
 Announcer: J. G. Broadbent.
 5.0-5.30.—CHILDREN'S CORNER. *S.B. from Bournemouth.*
 8.15. OLD SCOTTISH PSALMODY.
 Examples of Typical Scottish Metrical Psalm Tunes by
THE CHOIR OF ST. COLUMBA'S
 (Church of Scotland), Pont Street.
 Organist and Choir-master, T. ARNOLD FULTON,
 with a Short Address by
 The Rev. ARCHIBALD FLEMING, D.D.
 "Holy Father, Cheer Our Way" (A. and M. 22).
 9.0. DE GROOT AND THE PICCADILLY ORCHESTRA,
 relayed from The Piccadilly Hotel.
 Overture, "Poet and Peasant" *Suppé*
 CHARLES TRUE.
 Prologue, "Pagliacci" *Leoncavallo*
 "Sea Fever" *John Ireland*
 Orchestra.
 "A Musical Jig-Saw" *Aston*
 Charles Trus.
 "The Sun God" *William James*
 "Onaway, Awake, Beloved" *Cowen*
 10.0.—TIME SIGNAL FROM GREENWICH.
 GENERAL NEWS BULLETIN and WEATHER FORECAST. *S.B. to all Stations.*
 Local News.
 10.15. De Groot and The Piccadilly Orchestra (continued).
 Grand Fantaisie, "Faust" *Gounod*
 10.30.—Close down.
 Announcer: C. A. Lewis.

BIRMINGHAM.

- 3.0. THE STATION MILITARY BAND.
 March, "The Thin Red Line" *Rabbottini*
 Overture, "Crown Diamonds" *Auber*

- Japo Niæserie, "Ke-sa-Ko" *Chapuis*
 E. COOPER (Solo Euphonium).
 "Nazareth" *Gounod*
 EDWARD LEER (Tenor).
 "If With All Your Hearts" ("Elijah")
Mendelssohn (1)
 "Be Thou Faithful Unto Death" ("St. Paul")
Mendelssohn (1)
 Band.
 Selection, "Irish Airs" *Hartmann*
 "Sérénade Italienne" *Czibulka*
 Minuet *Paderevski*
 Selection, "Stabat Mater" *Rossini*
 Edward Leer.
 "Almighty Father Hear My Prayer"
 ("Rienzi") *Wagner* (1)
 "I Will Arise" ("The Prodigal Son")
Sullivan (1)
 Band.
 Three Pieces *Tchaikovsky*
 (a) "Barcarolle"; (b) "Douce Réverie";
 (c) "Petite Valse."
 Overture, "Le Trompette" *Bazin*
 Introduction to Act III., "Lohengrin"
Wagner
 Announcer: A. Pelham.
 5.0-5.30.—CHILDREN'S CORNER. *S.B. from Bournemouth.*
 8.0. RELIGIOUS SERVICE.
 Conducted by
 The Reverend S. A. KING, B.D.
 Relayed from Saint Michael's Church,
 Handsworth.
 8.30. THE STATION SYMPHONY ORCHESTRA.
 Conducted by JOSEPH LEWIS.
 Overture, "Anacreon" *Cherubini*
 Motet for Soprano Voice and Orchestra,
 "Exultate-Jubilate" *Mozart*
 (Soloist, EMILY BROUGHTON.)
 Finale Symphony in E Minor, "The Farewell" *Haydn*
 "Norwegian Dances," Op. 35 *Grieg*
 Emily Broughton.
 Aria, "Hear Ye, Israel" ("Elijah")
Mendelssohn (11)
 Orchestra.
 "Serenata" *Moszkowski*
 "Bourrée and Gigue" *German* (11)
 10.0.—NEWS and WEATHER FORECAST.
S.B. from London.
 Local News.
 10.15.—Close down.
 Announcer: Percy Edgar.

BOURNEMOUTH.

- 3.0-4.45. BAND OF H.M. 12TH ROYAL LANCERS and
 DESMOND ROBERTS (Baritone).
 Relayed from South Parade Pier,
 Southsea.
 5.0-5.30.—CHILDREN'S CORNER. *S.B. to all Stations.*
 8.30. ORGAN RECITAL.
 Relayed from the Boscombe Arcade.
 ARTHUR MARSTON, Organist.
 Allegro, Moderato and Adagio from 1st
 Sonata *Mendelssohn* (11)
 8.40. CHOIR
 of
THE CHURCH OF THE ANNUNCIATION,
 Richmond Park.
 Choirmaster, SIDNEY J. BINT.
 Motet, "O Bone Jæsu" *Palestrina*
 Hymn, "O Sacred Heart" (No. 86,
 Westminster Hymnal).
 8.45.—Father PERCIVAL TRIGGS: Religious Address.
 8.55. Choir.
 Hymn, "Jesus, Gentlest Saviour" (No. 82,
 Westminster Hymnal).
 Motet, "Veni Sancte Spiritus" *Vogler*
 Organ Solo.
 9.0. Larghetto in F Sharp Minor *Wesley* (11)
 Cantilena in A Flat *Walstenholme*
 Imperial March *Elgar* (11)
 9.15. BAND OF H.M. 12TH ROYAL LANCERS.
 Relayed from South Parade Pier, Southsea.
 9.50. ORGAN SOLO.

- 10.0.—NEWS and WEATHER FORECAST.
S.B. from London.
 Local News.
 10.15.—Major STANLEY HOW: Readings
 from "Shelley."
 10.40.—Close down.
 Announcer: John H. Raymond.

CARDIFF.

- 3.0-4.30. Organ Recital
 by
 JAMES B. SMART,
 Relayed from The Capitol Cinema.
 Vocalist, SYDNEY CHARLES (Tenor).
 I. "Wedding March" *Mendelssohn* (11)
 "Cantilène Pastorale" *Guilmant*
 II. Arias.
 "Then Shall the Righteous Shine"
 ("Elijah") *Mendelssohn* (1)
 "Call Forth Thy Powers" ("Judas
 Maccabæus") *Handel* (1)
 III. "Grand Offertoire in D" *Batiste*
 "There is a Green Hill" *Gounod* (11)
 IV. Songs.
 "Homing" *Teresa del Riego*
 "Maire, My Girl" *Aitken*
 V. Selection, "In a Persian Garden"
Lehmann
 "Humoreske" *Dvorak*
 "Fanfare" *Lemmens*
 VI. Songs.
 "Sleep and the Roses" *Tate* (8)
 "I'd Build a World in the Heart of a
 Rose" *Nicholls*
 VII. "Festive March" *Smart* (1)
 Announcer: C. H. King.
 5.0-5.30.—CHILDREN'S CORNER. *S.B. from Bournemouth.*
 8.10.—THE CHOIR OF CLARE GARDENS
 WESLEYAN CHURCH.
 Hymn, "Awake Our Souls, Away Our
 Fears" (Tune: "Samson").
 Anthem, "Abide With Me."
 The Rev. THOS. WEARNE, Clare Gardens
 Wesleyan Church, on "Psychology and
 Religion—Faith."
 Hymn, "Saviour, Again to Thy Dear
 Name We Raise."

- 8.40. Russian Symphony Night.
THE STATION SYMPHONY ORCHESTRA.
 Conductor, WARWICK BRAITHWAITE.
 Solo Pianoforte, WILLIAM MURDOCH.
 I. Symphonic Poem, "Kikimora" *Liadoff*
 II. Pianoforte Solo.
 Prelude in G Major (Op. 32, No. 5)
Rachmaninoff
 Prelude in G Minor (Op. 22, No. 6)
Rachmaninoff
 III. Symphony No. 2 in B Minor *Borodin*
 IV. Pianoforte Solo.
 Four Preludes (Nos. 17, 21, 23 and 15)
 Berceuse (Op. 57)
 Waltz in E Minor *Chopin*
 V. Dances from "Prince Igor" *Borodin*
 10.0.—NEWS and WEATHER FORECAST.
S.B. from London.
 Local News.
 10.15.—Close down.
 Announcer: E. R. Appleton.

MANCHESTER.

- 3.0. Chamber Music Concert
 by the "2ZY" STRING QUARTETTE
 and
 HARRY MORTIMER (Solo Clarinet).
 Quintette in A for two Violins, Viola, Cello
 and Clarinet *Mozart*
 BEATRICE COLEMAN (Contralto).
 "A Swan" *Grieg*
 "I Love Thee" *Grieg*
 String Quartette.
 "The Nigger Quartette" *Dvorak*
 Beatrice Coleman.
 "The Dove" *Eric Fogg* (4)
 "Dawn Song" *Eric Fogg* (4)

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WIRELESS PROGRAMME—SUNDAY (Continued from the facing page.)

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

- String Quartette.
 "String Quartette" Haydn
 5.0-5.30.—CHILDREN'S CORNER. *S.B.*
from Bournemouth.
 8.0.—SIDNEY G. HONEY: Talk to Young People.
 8.45. **Choral Concert.**
THE LEVENSHULME UNITED CHORAL SOCIETY.
 Conductor: ERNEST COOKSON.
 Choral Epilogue, "It Comes From the Misty Ages" ("The Banner of St. George") Elgar (11)
 "The Sea Hath Its Pearls" Piusuti (11)
 Part Songs "O Happy Eyes" Elgar (11)
 "Break, Break, On Thy Cold Grey Stones" MacFarren (11)
 Chorus, "As the Hart Pants" Mendelssohn
 9.10.—Religious Address and Hymns.
 9.30. **Choral Society.**
 "Hymn to Music" Dudley Buck (11)
 Lullaby, "Sweet and Low" .. Barnby (11)
 "By the Lone Sea-Shore" Coleridge-Taylor (11)
 Part Songs "When Hands Meet" Piusuti (11)
 "The River Floweth Strong" Rogers (11)
 10.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
 Local News.
 10.15. **Choral Society.**
 "O, My Luv's Like a Red, Red Rose" .. Garrett (11)
 "O Peaceful Night" Ed. German (11)
 Part Song "Moonlight" Eaton Fanning (11)
 "Sylvia" .. W. MacFarren (11)
 10.30.—Close down.
 Announcer: Victor Smythe.

NEWCASTLE.

- String Music and Glee.**
 3.0-4.30. ERNEST SHARP'S STRING QUARTETTE.
 "Romance," Op. 27 Grieg
NEWCASTLE GLEE AND MADRIGAL SOCIETY.
 Conductor, R. W. CLARK.
 "Down in a Flow'ry Vale" *Festa, 1541* (2)
 "Who Ho! Shepherd" Beale (11)
 "The Pixies' Welcome" .. Prendergast (11)
 "The Image of the Rose" .. Reichardt (11)
 (Soloist, R. Malia.)
 Quartette.
 1st Movement, Op. 15 Dohnanyi
Madriral Society.
 "O Thou Whose Beams" Goss (11)
 "Strike the Lyre" Cooke (2)
 Quartette.
 Allegro and Scherzo, Op. 18, No. 4 Beethoven
Madriral Society.
 "Yea, Cast Me from Heights of the Mountains"
 "Whether I Find Thee" ..
 "After Many a Dusty Mile" } Elgar (11)
 "It's Oh! To Be a Wild Wind"
 "Feasting, I Watch," Op. 45
 Quartette.
 Allegro, Op. 51, No. 2 Brahms
 5.0-5.30.—CHILDREN'S CORNER. *S.B.*
from Bournemouth.
 8.30.—"5NO" CHORAL SOCIETY OCTETTE.
 Hymn, "My God, How Wonderful Thou Art" (A. and M. 169).
 8.35.—The Rev. CANON OAKLEY, Vicar of Jesmond: Religious Address.
 8.55. **Octette.**
 "Praise to the Holiest" (A. and M. 172).

- 9.0. SIGMUND OPPENHEIM (Piano) and ERNEST SHARP (Violin).
 Duet, Suite, Op. 11, Allegro, Andante sostenuto Goldmark
SIGMUND OPPENHEIM'S QUARTETTE.
 Piano Quartette, Op. 23, D Major, 1st Movement Dvorak
 Ernest Sharp (Solo Violin).
 "Ave Maria" Schubert-Wilhelmj
 Sigmund Oppenheim (Solo Pianoforte).
 "Ballad," Op. 38 Chopin
 Quartette.
 Piano Quartette, Op. 23, D Major, Theme and Variations, Finale Dvorak
 10.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
 Local News.
 10.15.—Close down.
 Announcer: R. C. Pratt.

ABERDEEN.

- IRVINE S. COOPER (Organist).
 MARY J. DAWSON (Contralto).
 JAMES G. CAMERON (Tenor).
 Relayed from the Music Hall.
 3.0. Irvine S. Cooper.
 Sonata No. 1 in F Minor ... Mendelssohn
 Allegro Moderato e serioso; Adagio; Andante Recitativo; Allegro assai Vivace.
 3.15. Mary J. Dawson.
 "Thanksgiving" Cowen (1)
 "He Was Despised" Handel (1)
 3.25. Irvine S. Cooper.
 "Fugue in B Minor" Bach (11)
 "Priere" Borowski
 "Prelude Moderne" Mansfield
 3.40. James G. Cameron.
 "It is Enough" Mendelssohn (11)
 "Lord God of Abraham" Mendelssohn (11)
 3.50. Mary J. Dawson.
 "God's Garden" Lambert
 "O Divine Redeemer" Gounod
 4.0. Irvine S. Cooper.
 "To a Wild Rose" MacDowell
 "At an Old Trysting Place" } (4)
 "To a Water Lily"
 Fantasia on "Urbs Beata" .. Faulkes (11)
 4.15.—The Rev. A. S. CAIRNS, B.D., on "Foreign Missions."
 4.30. James G. Cameron.
 Litany Schubert (1)
 "O God, Have Mercy" Mendelssohn
 4.40. Irvine S. Cooper.
 Adagio in E Major Bridge (11)
 Réverie Burrett-Watson
 Offertoire in A Flat }
 5.0-5.30.—CHILDREN'S CORNER. *S.B. from Bournemouth.*
 8.30. **THE WIRELESS ORCHESTRA.**
 Overture, "Ruy Blas" Mendelssohn
 Overture, "Così fan tutte" Mozart
 8.50. LUCY WESTON (Solo Harp).
 "L'Adieu" Schubert (11)
 "Le Cygne" Saint-Saens
 (With Cello Accompaniment.)

WAVE-LENGTHS AND CALL SIGNS.

ABERDEEN (2BD)	-	-	495 Metres
BIRMINGHAM (5IT)	-	-	475 "
GLASGOW (5SC)	-	-	420 "
NEWCASTLE (5NO)	-	-	400 "
BOURNEMOUTH (6BM)	-	-	385 "
MANCHESTER (2ZY)	-	-	375 "
LONDON (2LO)	-	-	365 "
CARDIFF (5WA)	-	-	351 "
PLYMOUTH (5PY)	-	-	335 "
EDINBURGH (2EH)	-	-	325 "
LIVERPOOL (6LV)	-	-	318 "
SHEFFIELD (6FL)	-	-	303 "

- 9.0. **THE CHOIR OF ST. PAUL'S U.F. CHURCH.**
 Hymn 373.
 The Rev. G. MCGREGOR, St. Paul's U.F. Church: Religious Address.
 Choir: Paraphrase 58.
 9.15. **Orchestra.**
 "Norwegian Rhapsody No. 1" .. Svendsen
 9.25. FRANCES KILGOUR (Contralto).
 "Abide With Me" Liddle (1)
 "Return, O God of Hosts" .. Handel (1)
 9.35. **Orchestra.**
 "Serenade, Op. 5" Tchaikovsky
 "Spring Song" ("The Valkyrie") Wagner
 Lucy Weston.
 9.50. "Drink to Me Only" } Arr. Weston
 "Songs My Mother Sang" .. }
 "Song of Love" Nutting
 10.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
 Local News.
 10.15. Frances Kilgour.
 "He of All True Men" Schumann (1)
 "Flow Fast My Tears" Somervell (1)
 10.20.—Close down.
 Announcer: A. M. Shinnie.

GLASGOW.

- 3.0. **THE STATION ORCHESTRA.**
 Conducted by ISAAC LOSOWSKY.
 Overture, "Athalie" Mendelssohn
 Selection, "Orphée aux Enfers" Offenbach
 3.20. FLORA BLYTHMAN (Contralto).
 "Remember Me, Dear Friend" Evelyn Sharpe
 "Beyond the Dawn" .. W. Sanderson (1)
 3.30. **Orchestra.**
 Suite, "Three Light Pieces" .. P. Fletcher
 Flora Blythman.
 3.40. "Sympathy" Charles Marshall (15)
 "A Song of Thanksgiving" .. F. Alliteen (1)
 3.50. **Orchestra.**
 Andantino from Symphony No. 4 Tchaikovsky
 4.15. Flora Blythman.
 "Mifanwy" Dorothy Forster
 "My Dear Soul" W. Sanderson (1)
 4.25. **Orchestra.**
 Operatic Selection, "Tannhäuser" Wagner-Tavan
 Suite, "Don César de Bazan" .. Massenet
 5.0-5.30.—CHILDREN'S CORNER. *S.B. from Bournemouth.*
 8.30. **THE PSALMODY QUARTETTE.**
 Psalm 100 (Tune: "Old Hundredth").
 8.35.—The Rev. W. WHYTE ANDERSON, M.C., M.A., of Bellahouston Parish Church: Religious Address.
 8.50. **The Psalmody Quartette.**
 Paraphrase No. 63 (Tune: "Newington").
 8.55. JOSEPH FARRINGTON (Bass).
 "It is Enough" ("Elijah") Mendelssohn (11)
 "In Summertime on Bredon" ... G. Peel
 9.5. JOHN B. DICKSON (Solo Cello).
 "Caprice Hongroise" Dunkler
 "Vesperale" Cyril Scott (4)
 9.15. Joseph Farrington.
 Recit., "I Feel the Deity Within."
 Aria, "Arm, Arm, Ye Brave" ("Judas Maccabæus") Handel (11)
 9.25. John B. Dickson.
 "Tarantelle" Popper
 "Gavotte No. 2" Popper
 9.40. Joseph Farrington.
 "Song of Pan" Bach (11)
 "When the King Went Forth to War" Koenneman
 9.50. John B. Dickson.
 Selected.
 10.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
 Local News.
 10.15.—Special Announcements. Close down.
 Announcer: Herbert A. Carruthers.

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WIRELESS PROGRAMME—MONDAY (June 23rd.)

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

LONDON.

- 4.0-5.0.—Time Signal from Greenwich. Concert: The Wireless Trio. "Bee-keeping" (1), by Arnold Richards. Aline Johnson (Soprano). "Holidaying in London," by Yvonne Cloud.
- 6.0-6.45.—CHILDREN'S CORNER: Sabo Story, "The Pig and Whistle," by E. W. Lewis. "Treasure Island," Chap. 19, Part I, by Robert Louis Stevenson.
- 7.0.—TIME SIGNAL FROM BIG BEN. 1ST GENERAL NEWS BULLETIN and WEATHER FORECAST. *S.B. to all Stations except Manchester.*
- JOHN STRACHEY (the B.B.C. Literary Critic): Fortnightly Book Talk. *S.B. to all Stations except Manchester.*
- Local News.
- 7.30.—"THE VALKYRIE" (Wagner), Act I, played by the British National Opera Company, relayed from His Majesty's Theatre, London. *S.B. to all Stations except Manchester.*
- 8.45.—"The Raven" (Edgar Allan Poe). Spoken by C. A. LEWIS.
- 9.15. **Edward MacDowell Programme.**
MARGUERITE DAVIS (Soprano).
ETHEL WALKER (Solo Pianoforte).
A Short Talk on the Composer and his Work, by Ethel Walker.
- Songs (4)
- "Thy Beaming Eyes."
"O Lovely Rose."
"Slumber Song."
"My Love and I."
"My Jean."
- Pianoforte Soli (4)
- "March Wind," Op. 46, No. 10.
"To the Sea" ("Sea Pieces").
"Polonaise," Op. 46.
"To a Waterlily" } ("Woodland
"From Uncle Remus" } Sketches").
"Mélodie."
"Hungarian," Op. 39.
"From a Log Cabin."
"Brer Rabbit."
"Concert Study," Op. 36.
- 9.54.—"From My Window," by Philemon.
- 10.0.—TIME SIGNAL FROM GREENWICH. 2ND GENERAL NEWS BULLETIN and WEATHER FORECAST. *S.B. to all Stations.*
- Topical Talk. *S.B. to other Stations.*
- Local News.
- 10.30.—THE SAVOY ORPHEANS AND SAVOY HAVANA BANDS, relayed from the Savoy Hotel, London. *S.B. to all Stations.*
- 11.30.—Close down.
- Announcer: J. S. Dodgson.

BIRMINGHAM.

- 3.30-4.30.—Lozells Picture House Orchestra, Conducted by Paul Rimmer.
- 5.0-5.30.—WOMEN'S CORNER: Sidney Rogers, F.R.H.S., Topical Horticultural Hints.
- 5.30-5.35.—Agricultural Weather Forecast.
- 5.35-6.30.—CHILDREN'S CORNER.
- 6.30-6.45.—"Teens' Corner: Uncle Felix on "Naval History."
- 7.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
- JOHN STRACHEY. *S.B. from London.*
- Local News.
- 7.30.—"THE VALKYRIE," Act I. *S.B. from London.*
- 8.45.—SPEECHES by Lieut.-Col. A. C. BLACKLOW, D.S.O., Commandant of the Australian Rifle Team, and The Rt. Hon. AUSTEN CHAMBERLAIN, M.P., relayed from Queen's Hotel.
- 9.30.—RONALD GOURLEY in an Interlude of Humorous Songs, Improvisations, and Mimicry.
- 10.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
- Local News.

Major VALENTINE BAKER, Historical Travel Talk: "The Occupation of Rhodesia in 1890—The Works of the Egyptians—The Zembabue Ruins."

10.30.—THE SAVOY BANDS. *S.B. from London.*

11.30.—Close down.

Announcer: A. Pelham.

BOURNEMOUTH.

- 3.45-5.15.—Elliott and Douglas in Syncopated Mirth and Harmony. THE ROYAL BATH HOTEL DANCE ORCHESTRA, relayed from King's Hall Rooms (Musical Director, DAVID S. LIFF). Talks to Women.
- 5.15-6.15.—CHILDREN'S CORNER.
- 6.15-6.45.—Scholars' Half-Hour: H. J. A. Kerr, B.Sc., on "Insurance."
- 7.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
- JOHN STRACHEY. *S.B. from London.*
- Local News.
- 7.30.—"THE VALKYRIE," Act I. *S.B. from London.*
- 8.45. PIANOFORTE AND SONG RECITAL by
HERBERT HEYNER (Baritone),
and
JULIETTE FOLVILLE
(Solo Pianoforte).
- Songs.
- "Hark, Hark the Lark!" ... Schubert (1)
"Night" R. Strauss
"If Thou Would'st See Thy
Lover" } H. Wolf
"At an Old Picture" }
"Song of the Wind" }
- 8.50. Juliette Folville.
Chaconne in G Major Handel
Study in E Minor, Op. 25, No. 5 Chopin
Scherzo from F Minor Sonata, Op. 5 Brahms
- 9.5. WINIFRED FISHER (Soprano).
"Les Larmes" (Werther) Massenet
"Waiata Poi" (Maori Song) A. Hill
"Cuckoo" Martin Shaw (2)
Accompanist, Chas. Leeson.
- 9.15. Herbert Heyner and Juliette Folville.
Songs.
- "I Hate the Dread-
ful Hollow" }
"A Voice by the
Cedar Tree" } (Song Cycle, "Maud")
"She Came to the
Village Church" }
"O that 'Twere
Possible" } Tennyson-Somervell (1)
"Come into the
Garden, Maud" }
- 9.25. Juliette Folville.
"Helvetia Waltz," No. 3 .. Vincent D'Indy
Prelude in D Major, Op. 23, No. 4
Rachmaninoff
"Triana" ("Iberia") Albeniz
- 9.40. Winifred Fisher.
"A Swan" }
"With a Water Lily" } Grieg
"Fair Spring is Returning" Saint-Saens
Accompanist, Chas. Leeson.
- 9.50. Herbert Heyner and Juliette Folville.
Songs.
- "It Was a Lover and His Lass"
"Take, O Take, Those Lips
Away" } Quilter (1)
"Hey Ho, the Wind and the
Rain" }
"So Perverse" Bridge
"Trottin' to the Fair" Stanford (1)
"Good Ale" Warlock
- 10.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
- Topical Talk. *S.B. from London.*
- Local News.
- 10.30.—THE SAVOY BANDS. *S.B. from London.*
- 11.30.—Close down.
- Announcer: John H. Raymond.

CARDIFF.

- 3.0-4.0.—The Station Trio and Cicely Farrar (Contralto).
- 5.0-5.45.—"5WA'S" "FIVE O'CLOCKS": Vocal and Instrumental Artistes. Talks to Women. Weather Forecast.
- 5.45-6.30.—CHILDREN'S CORNER.
- 6.30-6.45.—"How to Think" (VI), by a Psychologist.
- 7.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
- JOHN STRACHEY. *S.B. from London.*
- Local News.
- 7.30.—"THE VALKYRIE," Act I. *S.B. from London.*
- 8.45. THE BESSES O' TH' BARN BAND.
Conductor: HARRY BARLOW.
Vocalist: ROMANO CIAROFF (Tenor).
- I. March, "Harlequin" Rimmer
Overture, "Il Barbiere" Rossini (1)
- II. Songs.
"Dai campi, dai
prati" }
"Giunto al passo
estremo" } ("Mefistofels") Boito
- III. Cornet Solo, "Arbucklenian"
Hartman
(Soloist: W. Rushworth.)
Selection, "Oberon" Weber
- IV. Songs.
"Addio Mignon"
"Ah non credevi
tu" } ("Mignon") Thomas
- V. Light Operatic Selection, "Bric-à-Brac"
Finck
- 10.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
- Local News.
- 10.15. VI. Waltz, "Wendische Weisen" Gung'l
Fantasia, "Reminiscences of Wales"
Godfrey
"Land of My Fathers."
- 10.40.—THE SAVOY BANDS. *S.B. from London.*
- 11.30.—Close down.
- Announcer: C. H. King.
- ## MANCHESTER.
- 2.30-3.0.—MAINLY FEMININE.
- 3.30-4.30.—Cheetham District Central School Choir. Dr. C. S. Grundy (Solo Pianoforte). Whalley Range Girls' High School Choir.
- 5.40-5.45.—Farmers' Weather Forecast.
- 5.45-6.0.—Children's Letters.
- 6.0-6.30.—CHILDREN'S CORNER.
- 6.30-6.45.—Mr. DESMOND MACMAHON. Lecture on "Our Folk Music." A Talk on the Growth, Construction, and Appreciation of our National Songs and Dances, with Pianoforte Illustrations.
- 7.0.—INAUGURAL CONFERENCE—EDUCATION WEEK, relayed from the Albert Hall, Manchester.
- 8.0.—1ST GENERAL NEWS BULLETIN and WEATHER FORECAST. *S.B. from London.*
- Local News.
- ### Vocal and Instrumental Concert.
- 8.15. NELL DAVIS (Soprano).
"Kishmul's
Galley" } ("Songs of
"An Eriskay the Hebrides") } Kennedy-
Love Lilt" } Fraser (1)
- JOHN BRIDGE (Solo Violin).
"Larghetto" Weber
"Scherzo" Dittersdorf
WILFRED HINDLE (Tenor).
"O Vision Entrancing" Goring Thomas (1)
"Flower Song" ("Carmen") Bizet
Nell Davis.
"What Torment, What Rapture"
Tchaikovsky (11)
- A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 541.

WIRELESS PROGRAMME—MONDAY (Continued from the facing page.)

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

- "The Letter" *Elvira Gambogi* (4)
John Bridge.
- "Moment Musical" *Schubert*
- "Fuga" *Tartini*
Wilfred Hindle.
- "Onaway, Awake" ("Hiawatha's Wedding Feast") *Coleridge-Taylor* (11)
- "The Brightest Day" *Easthope Martin* (5)
- 10.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
- Topical Talk. *S.B. from London.*
- Local News.
- 10.30.—THE SAVOY BANDS. *S.B. from London.*
- 11.30.—Close down.
Announcer: V. H. Goldsmith.

NEWCASTLE.

- 3.45-4.45.—Concert: May Conn (Solo Piano-forte), Mary Cahill (Soprano), Jack Boddice (Solo Euphonium).
- 4.45-5.15.—WOMEN'S HALF-HOUR: Weekly News Letter, Mrs. McQueen on "Pandita Ramabai."
- 5.15-6.0.—CHILDREN'S CORNER.
- 6.0-6.30.—Scholars' Half-Hour: Mrs. G. Burns on "The Life of Thomas Edwards—A Scottish Naturalist."
- 6.45-6.50.—Farmers' Corner.
- 7.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
- JOHN STRACHEY. *S.B. from London.*
- Local News.
- 7.30.—"THE VALKYRIE," Act I. *S.B. from London.*

Miscellaneous Evening.

- 8.45. THE STATION ORCHESTRA.
Conductor: WILLIAM A. CROSSE.
March, "Under the Double Eagle" *Wagner*
Overture, "Le Caid" *Thomas*
MAY OSBORNE (Mezzo-Soprano).
- "The Trout" *Schubert*
- "If I Might Love You" *Ronald* (5)
ELLA SCOTT (Elocutionist).
- "Lochinvar" *Scott*
- "The Mermaid" *Tennyson*
Orchestra.
- Waltz, "A Summer Evening" *Waldteufel*
Ella Scott.
- "Grin" *Service*
- "Going Home" *Service*
May Osborne.
- "You and I and The Moon" *Phillips*
- "The Flutes of Arcady" *James*
Orchestra.
- "The Golden Moth" *Novello*
- 10.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
- Topical Talk. *S.B. from London.*
- Local News.
- 10.30.—THE SAVOY BANDS. *S.B. from London.*
- 11.30.—Close down.
Announcer: W. M. Shewen.

ABERDEEN.

- 3.30-4.30.—The Wireless Quartette and Bella W. Smart (Soprano).
- 4.30-5.0.—WOMEN'S HALF-HOUR: Mrs. James Hay on "The Girl Guide Movement."
- 6.0-6.30.—CHILDREN'S CORNER: Singing Game for the Tiny Tots.
- 6.40.—Girl Guides' News Bulletin. Boy Scouts' News Bulletin. Cubmistress Miss G. Norrie on "Cub Camps."
- 7.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
- JOHN STRACHEY. *S.B. from London.*
- Local News.
- 7.30.—"THE VALKYRIE," Act I. *S.B. from London.*
- "Everybody's Programme."
AMY SAMUEL (Contralto).
JOSEPH FARRINGTON (Bass).
THE WIRELESS ORCHESTRA.
Orchestra.
- 8.45. Selection, "Ballad Memories" *Baynes* (1)

- 9.0. Amy Samuel.
"A Request" *Woodforde-Finden* (4)
"A Stray Nymph of Dian" .. *Parry* (11)
- 9.10. Joseph Farrington.
"Father O'Flynn" *Stanford* (1)
"Lighterman Tom" *Squire*
Orchestra.
- 9.20. First Movement of Septeta *Beethoven*
- 9.35. Amy Samuel.
"Black Roses" *Sibelius*
"Faery Song" ("The Immortal Hour")
..... *Boughton* (11)
- 9.45. Joseph Farrington.
"Song of Pan" *Bach* (11)
"Silent Noon" *Vaughan Williams*
- 10.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
- Topical Talk. *S.B. from London.*
- Local News.
- 10.30. Amy Samuel.
"Mon cœur s'ouvre à ta voix"
..... *Saint-Saens* (11)
"O Mio Fernando" *Donizetti* (11)
- 10.40. Joseph Farrington.
"Largo al Factotum" *Rossini*
"Mephistopheles' Serenade" *Gounod*
- 10.50. Orchestra.
Selection, "La Korrigan" *Widor*
- 11.0.—THE SAVOY BANDS. *S.B. from London.*
- 11.30.—Close down.
Announcer: A. M. Shinnie.

GLASGOW.

- 3.30-4.30.—The Wireless Quartette and Bert Bellwood (Musical Monologues).
- 4.45-5.15.—TOPICS FOR WOMEN: Topical Afternoon.
- 5.15-6.0.—CHILDREN'S CORNER.
- 6.0-6.5.—Weather Forecast for Farmers.
- 6.40-6.55.—J. BOYD ANDERSON, F.B.E.A., on "Espéranto in Radio."
- 7.0.—NEWS and WEATHER FORECAST. *S.B. from London.*

- JOHN STRACHEY. *S.B. from London.*
- Local News.
- 7.30.—"THE VALKYRIE," Act I. *S.B. from London.*
- Popular Night.
GLADYS PALMER (Contralto).
THE STATION ORCHESTRA.
Conducted by ISAAC LOSOWSKY.
Orchestra.
- 8.45. Musical Comedy Selection, "The Cabaret Girl" *Kern*
- 8.55. "THE CONSTANT LOVER."
A Comedy by St. John Hankin.
Characters:
Evelyn Rivers SNOWIE B. LOGAN
Cecil Harburton GEORGE ROSS
Produced by GEORGE ROSS and "58C'S"
REPERTORY COMPANY.
- 9.20. Orchestra.
"Miniature Suite" *Eric Coates* (1)
- 9.32. Gladys Palmer.
Flower Song ("Faust") *Gounod*
"O Thank Me Not" *Mallinson*
"Sing, Break Into Song" ..)
- 9.42.—Dr. R. M. CAVAN, of the Royal Technical College, Glasgow, on "Chemistry at the Fireside."
- 10.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
- Local News.
- 10.15. Orchestra.
Entr'acte, "La Cinquantaine" .. *G. Marie*
- 10.20. Gladys Palmer.
"Orpheus With His Lute" .. *E. German*
"Time's Garden" *G. Thomas*
"I Know a Bank" *M. Shaw*
- 10.30.—THE SAVOY BANDS. *S.B. from London.*
- 11.30.—Special Announcements. Close down.
Announcer: Mungo M. Dewar.

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 541.

EVENTS OF THE WEEK.

SUNDAY, JUNE 22nd.

- LONDON, 8.15-9.0.—Illustrated Talk on Old Scottish Psalmody.
- LONDON, 9.0-10.0 and 10.15-10.30.—De Groot and the Piccadilly Orchestra.
- BOURNEMOUTH, 3.0-4.45 and 9.20-10.0.—Band of H.M. 12th Royal Lancers.
- CARDIFF, 8.40-10.0.—Russian Symphony Night.
- MANCHESTER, 8.45-10.0.—Choral Concert.

MONDAY, JUNE 23rd.

- LONDON, 7.30-8.45.—"The Valkyrie" (Wagner), Act I., relayed from His Majesty's Theatre, London. *S.B. to all Stations except Manchester.*
- MANCHESTER, 7.0-8.0.—Inaugural Conference Education Week, relayed from the Albert Hall.
- BIRMINGHAM, 8.45-9.30.—Speeches by Lt.-Col. Blacklow, Commandant Australian Rifle Team, and the Rt. Hon. Austen Chamberlain, M.P., relayed from Queen's Hall.

TUESDAY, JUNE 24th.

- BIRMINGHAM, 8.0-10.0.—Russian Programme.
- CARDIFF, 8.30-10.0.—Welsh Music for Wembley.
- MANCHESTER, 8.0-10.0.—Popular Glee and Madrigal Night.

WEDNESDAY, JUNE 25th.

- LONDON, 8.0-10.0.—One Act Plays.
- LONDON, 10.0-10.30 and 10.45-11.20.—"Aida," Acts III and IV., relayed from His Majesty's Theatre, London. *S.B. to all Stations.*

- BIRMINGHAM, 8.0-10.0.—Operatic Night.
- CARDIFF, 8.0.—"The Magic Carpet"—XVI, Sweden.
- ABERDEEN, 8.30-9.45.—Vocal Dance Night.

THURSDAY, JUNE 26th.

- LONDON, 8.0-10.0.—"The Mountaineers," Musical Comedy. *S.B. to Bournemouth.*
- BIRMINGHAM, 8.0-10.0.—Pack of Cards Concert Party.
- CARDIFF, 8.0-10.0.—A Merry Evening with the Great Elizabethans.
- NEWCASTLE, 8.0-10.0 and 10.15-10.45.—Operatic Evening.

FRIDAY, JUNE 27th.

- LONDON, 6.0-6.30.—The Rt. Hon. Winston Churchill on "English," relayed from the London School of Economics. *S.B. to all Stations.*
- BIRMINGHAM, 8.0-10.0 and 10.45-11.0.—Play Night.
- BOURNEMOUTH, 8.30-10.0 and 10.45-11.0.—A Night with Coleridge-Taylor.
- CARDIFF, 8.0-10.0.—"Il Trovatore," by Station Symphony Orchestra: May Blythe, Gladys Palmer, John Perry, William Michael, Joseph Farrington, "5WA" Choir.
- ABERDEEN, 8.45-9.45.—"Cramond Brig," or "The Gudeman o' Ballangiech."

SATURDAY, JUNE 28th.

- LONDON, 6.0-8.0.—Empire Choir Concert, relayed from the Stadium, Wembley. *S.B. to all Stations.*
- ABERDEEN, 8.30-10.0.—Russian Night.

WIRELESS PROGRAMME—TUESDAY (June 24th.)

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

LONDON.

- 1.0-2.0.—Time Signal from Big Ben. Concert: The Wireless Trio and Tom Booth (Bass-Baritone).
- 4.0-5.0.—Time Signal from Greenwich. Concert: "A Talk about Books," by Jenny Wren. Organ and Orchestral Music, relayed from the Shepherd's Bush Pavilion. "The Lore of Precious Stones—The Sapphire," by Violet M. Methley.
- 6.0-6.45.—CHILDREN'S CORNER: "The History of Whittington," Part 3, by Andrew Lang. "The G.P.O.," by R. C. Andrews. Songs by Radiana Pazmoor (Mezzo-Soprano).
- 7.0.—TIME SIGNAL FROM BIG BEN. 1ST GENERAL NEWS BULLETIN and WEATHER FORECAST. *S.B. to all Stations.*
Mr. GRAHAM SQUIERS, F.C.A., on "That Income Tax Form."
Local News.
- 7.30-8.0.—Interval.

Musical Comedy Night.

- ELIZABETH HAY (Soprano).
C. HAYDEN COFFIN (Baritone).
JOHN HENRY.
THE WIRELESS ORCHESTRA.
Conducted by DAN GODFREY, Junr.
- 8.0.—"Cheerio!" ("The Palace Girls' Dance")
Finck
Overture, "The Arcadians"
Monckton and Talbot
Selection, "The Passing Show" ... *Finck*
Soprano Songs.
"Bohemia" ("A Happy Day") ... *Rubens*
"Vilia" ("The Merry Widow") ... *Lehar*
John Henry on "Visitors."
Baritone Songs.
"Who Sings of England?" ... *Cluteam*
The Orchestra.
Four Dances from "The Rebel Maid"
Montague Phillips
Soprano Songs.
"The Waltz Song" ("The Maid of the Mountains") ... *Fraser Simson*
"I Love You" ("Carminetta")
Emile Lassally (3)
The Orchestra.
Selection, "Sally" ... *Kern*
Baritone Songs.
"Tommy Atkins" ("The Gaiety Girl")
Potter
"Jack's the Boy" ("The Geisha")
Monckton
- 9.30.—HALF-AN-HOUR at the BRITISH EMPIRE EXHIBITION, WEMBLEY. *S.B. to other Stations.*
- 10.0.—TIME SIGNAL FROM GREENWICH. 2ND GENERAL NEWS BULLETIN and WEATHER FORECAST. *S.B. to all Stations.*
Mr. A. R. WILSON, A.R.C.A. (London), "Some Ideas on Colour." *S.B. to other Stations.*
Local News.
- 10.30. The Orchestra.
Selection, "The Lilac Domino" *Cuvillier (6)*
John Henry on "Behind the Scenes."
The Orchestra.
Selection, "To-Night's the Night" *Rubens*
- 11.0.—Close down.
Announcer: J. G. Broadbent.

BIRMINGHAM.

- 3.30-4.30.—Station Piano Quintette, under the direction of Frank Cantell.
- 4.30-5.0.—Agricultural Corner: G. C. Gough, B.Sc., of the Ministry of Agriculture.
- 5.0-5.30.—WOMEN'S CORNER: Beatrice Dickson (Contralto).
- 5.30-5.35.—Agricultural Weather Forecast.
- 5.35-6.30.—CHILDREN'S CORNER.
- 6.30-6.45.—Teens' Corner: Cyril Midgley, B.Sc., F.R.G.S., on "Weighing the Stars."

- 7.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
Local News.
7.15-8.0.—Interval.

- 8.0. Russian Programme.
THE STATION ORCHESTRA.
Selection, "Eugene Onegin" *Tchaikovsky*
STRING QUARTETTE.
FRANK CANTELL (1st Violin).
ELSIE STELL (2nd Violin).
ARTHUR KENNEDY (Viola).
LEONARD DENNIS (Violoncello).
Andante Cantabile and Scherzo from Quartette No. 11 ... *Tchaikovsky*
ROMANO CIAROFF (Tenor).
"Why Does My Heart Beat So Quickly?"
Gourileff
"The Night" ... *Glinka*
"O Thou Sun, Red Sun" ... *Stonoff*
"Songs of Dobrina" ... *Nikitish*
- 8.45. Orchestra.
March, "In the Steppes of Central Asia"
Borodin (6)
"Chant sans Paroles" ... *Tchaikovsky*
"Chanson Indoue" ("Sadko")
Rimsky-Korsakov
Second Movement from Symphony No. 6
Tchaikovsky
- 9.15. Romano Ciaroff.
"Thoughts and Waves" ... *Tcherepin*
"In Spring" ... *Blumenfeld*
"The Siren" ... *Gretchaninov*
"The Autumn" ... *Tchaikovsky*
- 9.30.—HALF AN HOUR at WEMBLEY. *S.B. from London.*
- 10.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
Local News.
D. STANLEY FRANCIS on "Forestry."
10.30. Orchestra.
Selection from "A Life for the Czar"
Glinka, arr. Godfrey
Excerpts from "Casse-Noisette Suite"
Tchaikovsky
- 11.0.—Close down.
Announcer: A. Pelham.

BOURNEMOUTH.

- 3.45-5.15.—"Passing Fancies" Vaudeville Company, relayed from South Parade Pier, Southsea. Talks to Women. Ethel Rowland (Solo Pianoforte).
- 5.15-6.15.—CHILDREN'S CORNER.
6.15-6.45.—Scholars' Half-Hour: E. Povah, "Photography—Prints, etc."
- 7.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
FRANK COWPER, M.A. (Oxon), on "Some of the Joys of Sailing and Cruising."
Local News.
7.30-8.30.—Interval.
- 8.30. "Join in the Chorus Night."
All Songs with Orchestral Accompaniment.
THE WIRELESS ORCHESTRA.
and
"6BM" CHORUS.
Under the Direction of
Capt. W. A. FEATHERSTONE.
Memories Song Medley, "Tipperaryland"
Shipley Douglas (6)
- 8.40. ARTHUR ENGLAND (Bass-Baritone) and Chorus
"Gipsy John" ... *Clay (1)*
"Father O'Flynn" ... *Stanford (1)*
- 8.50. MARJORIE and BRAN (Contralto) Chorus.
"Felix Kept on Walking" ... *David (9)*
"Maggie! Yes, Ma!" ... *Tucker (7)*
- 9.0. Musical Jigsaw ... *Ashton*
- 9.10. ADELINE SENIOR (Soprano) and Chorus.
"There is a Tavern"
"Listen to My Tale of Woe" ... *Traditional*
- 9.20. GERALD KAYE (Tenor) and Chorus.
"Clementine" ... *Traditional*
"Mush, Mush" ... *Traditional*

- 9.30.—HALF AN HOUR at WEMBLEY. *S.B. from London.*
- 10.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
Mr. A. R. WILSON. *S.B. from London.*
Local News.
- 10.30. Orchestra and Chorus.
Vocal Waltz, "See-Saw" ... *Crowe*
- 10.35. Arthur England and Chorus.
"Simon the Cellarer" ... *Traditional*
- 10.40. Adeline Senior and Chorus.
"My Bonnie" ... *Frey*
- 10.45. Marjorie Bran and Chorus.
"You've Got To See Mama Every Night" ... *(7)*
"Last Night On The Back Porch"
Brown and Schraubstader
- 10.50. Gerald Kaye and Chorus.
"Little Brown Jug" ... *Traditional*
- 10.55. Orchestra and Chorus.
Fantasia, "Students' Songs"
Shipley Douglas
- 11.5.—Close down.
Announcer: John H. Raymond.

CARDIFF.

- 3.0-4.0.—Falkman and his Orchestra, relayed from The Capitol Cinema.
- 5.0-5.45.—"5WA'S" "FIVE O'CLOCKS": Vocal and Instrumental Artists. Talks to Women. Weather Forecast.
- 5.45-6.30.—CHILDREN'S CORNER.
- 6.30-6.45.—"How to Write" (VI.), by Guy Pocock.
- 7.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
Local News.
- 7.15.—Mr. RICHARD TRESEDER, F.R.H.S., on "Gardening."
- 7.30-8.0.—Interval.
- 8.0.—RONALD GOURLEY in "Music and Humour."
- 8.10. ERNEST THOMAS (Baritone).
"Molly O'Donegal" ... *Harold Austin*
"The Skipper of the 'Mary Jane'"
David Richards (1)
"All My Very Own" ... *Barbara Hope (1)*
"Give a Man a Horse He Can Ride"
W. S. Gwyn Williams
- 8.20.—Ronald Gourley in more "Music and Humour."
- Weish Music for Wembley.**
- 8.30.—Address upon and Illustrations of the Music to be performed in the "ALL WALES WEEK" at WEMBLEY EXHIBITION.
Conducted and Directed by
Sir HENRY WALFORD DAVIES,
Mus.Doc., LL.D., Director of Music, and
Chairman of the National Council of Music,
University of Wales.
- 9.30.—HALF AN HOUR at WEMBLEY. *S.B. from London.*
- 10.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
Local News.
- 10.15.—The Rev. HUBERT G. STANLEY, on "Manners and Customs of Old England."
- 10.30.—Close down.
Announcer: A. H. Goddard

MANCHESTER.

- 2.30-3.0.—MAINLY FEMININE.
- 3.30-4.30.—Harpurhey Girls' School Choir, Miss E. Allen (Solo Pianoforte). Abbot Street Boys' School Choir.
- 5.40-5.45.—Farmers' Weather Forecast.
- 5.45-6.0.—Children's Letters.
- 6.0-6.30.—CHILDREN'S CORNER.
- 7.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
Local News.
- 7.15.—Talk by the City of Manchester Educational Committee: "Children in Nursery Schools and Classes."
- 7.30-8.0.—Interval.

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 541.

WIRELESS PROGRAMME—TUESDAY (Continued from the facing page.)

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

8.0 Popular Glee and Madrigal Night.
by
W. H. CRADOCK'S GLEE AND MADRIGAL PRIZE CHOIR.
Part Songs:—
"When Hands Meet" *Pisauti* (11)
"In Autumn" *Brahms*
"The Falcon" *Brahms*
"Spanish Serenade" *Elgar* (11)
WINIFRED FISHER (Soprano).
"Eriskay Love Lilt"
arr. M. Kennedy-Fraser (1)
"The Shadow March" *T. del Riego*
JOE LINGARD (Solo Flute).
Sonata No. 1 in E Minor *Handel*
Choir.
Waltz Song, "Country Fair" *Franz Abt.*
Part Songs:—
"The Voyagers" *Facer* (2)
"Annie Laurie" *Traditional*
Winifred Fisher.
Negro Spirituals:—
"Swing Low, Sweet Chariot" *arr. H. T. Burleigh*
"I Got a Robe"
Joe Lingard.
1st Arabesque *Debussy*
Etude *Boehm*
Choir.
Part Song, "The Cruiskeen Lawn"
arr. Stewart (11)
Stanzas, "Jerusalem" *Parry*
9.30.—HALF AN HOUR at WEMBLEY.
S.B. from London.
10.0.—NEWS and WEATHER FORECAST.
S.B. from London. Local News.
10.15.—Talk by the City of Manchester Educational Committee: "The Child in the Elementary School."
Choir.
Part Songs:—
"In Silent Night" *Brahms*
"Love, Fare Thee Well" *Brahms*
"O Peaceful Night" *Ed. German* (11)
Choral Song, "The Dance" (Bavarian Highlands) *Elgar* (15)
Musical Jest, "Italian Salad" *R. Genée* (2)
11.0.—Close down.
Announcer: Victor Smythe.

NEWCASTLE.
3.45-4.45.—Concert: Hermann McLeod's String Quartette.
4.45-5.15.—Women's Half-Hour: The Rev. A. H. Robins on "Dickens at School." Norah Balls, Recitations.
5.15-6.0.—CHILDREN'S CORNER.
6.0-6.30.—Scholars' Half-Hour: The Rev. A. H. Robins, "English Social Pioneers—William Wilberforce."
6.45-6.50.—Farmers' Corner.
7.0.—NEWS and WEATHER FORECAST.
S.B. from London.
Mr. J. L. GIBSON: French Talk.
Local News.
7.30-8.0.—Interval.
Pianoforte and Drama.
ETHEL PAGE (Solo Pianoforte).
W. MACREADY } Dramatic
Miss GODFREY TURNER } Recital
8.0. Ethel Page.
Ballade in G Minor *Chopin*
"The Sea"
"The Dragon Fly" } *Palmgren*
"Bird Song" }
March from "Tannhäuser" *Wagner-Liszt*
8.30. W. Macready and Miss Godfrey Turner.
Shakespearean Recitals:
Excerpts from "Hamlet," "The Merchant of Venice," "The Taming of the Shrew," and "Henry VIII."
9.0. "Married Life."
An Original Farce in One Act.
9.30.—HALF AN HOUR at WEMBLEY.
S.B. from London.
10.0.—NEWS and WEATHER FORECAST.
S.B. from London.
Mr. A. R. WILSON. S.B. from London.
Local News.
10.30.—Close down.
Announcer: W. M. Shewen.

ABERDEEN.

3.30-4.30.—Operatic Afternoon by the Wireless Quartette and Isabelle B. Veitch (Contralto).
4.30-5.0.—Women's Half-Hour: Mrs. A. D. Hay, on "My Impressions of Wembley."
5.45-6.30.—CHILDREN'S CORNER: Betty Reid (Elocutionist) and Louise Smith (Soprano).
6.40-7.0.—J. W. CAMERON, M.A., on "School Cricket in Aberdeen" (No. 9 of Cricket Series).
7.0.—NEWS and WEATHER FORECAST.
S.B. from London.
Local News.
7.15-7.30.—Interval.
7.30. THE WIRELESS JAZZ ORCHESTRA.
Waltz, "Tell-Tale Twilight"; Fox-trot, "Silver Lining"; One-step, "Dance Your Shoes Away" (19); Fox-trot, "Sweetheart"; Waltz, "Queen of the North"; Fox-trot, "Shake Your Feet"; One-step, "Don't Get Fresh With the Ladies" (19); "Eightsome Reel."
8.0.—D. G. MUNRO, M.A., B.Sc., on "Crop Husbandry" (No. 3 of Series).
Classical Night.
DAISY KENNEDY (Solo Violin),
GLADYS PALMER (Contralto),
JULIAN ROSETTI (Solo Pianoforte).
8.30. Gladys Palmer.
"Largo" *Handel* (1)
"Art Thou With Me?" *Bach* (11)
"Creation's Hymn" *Beethoven* (1)
"The Trout" *Schubert*
8.40. Daisy Kennedy.
Violin Soli: Selected.
8.50. Julian Rosetti.
"Carnaval," Op. 9 *Schumann*
"Star of Eve" ("Tannhäuser")
Wagner-Liszt
"Spinning Song" ("The Flying Dutchman") *Wagner-Liszt*
9.10. Gladys Palmer.
"Cradle Song" *Byrd* (1)
"Weep Ye No More, Sad Fountains"
Dowland (1)
"Whither Runneth My Sweetheart"
Bartlett (11)
"When I Am Laid in Earth" *Purcell* (1)
9.20. "MARPESSA."
A Poem by Stephen Phillips.
Cast:
Marpessa **JOYCE TREMAYNE.**
Idas **R. E. JEFFREY**
Speaker **E. R. R. LINKLATER**
Apollo **W. G. CRAIGEN**
"Marpessa, being given by Zeus her choice between the God, Apollo, and Idas, a Mortal, chose Idas."
Arranged for Broadcast by
JOYCE TREMAYNE in Collaboration with R. E. JEFFREY.
8.40. Daisy Kennedy.
Violin Soli: Selected.
9.50. Gladys Palmer.
"Trockne Blumen" } *Schubert*
"Haidenröslein" }
"Ständchen" }
10.0.—NEWS and WEATHER FORECAST.
S.B. from London.
Mr. A. R. WILSON. S.B. from London.
Local News.
10.30. Julian Rosetti.
Nocturne in G Minor } *Chopin*
Etude in F }
Waltz in G Flat }
Preludes in D Flat and B Flat Minor
10.50. Daisy Kennedy.
Violin Soli: Selected.
11.0.—Close down.
Announcer: W. D. Simpson.

CHAPPELL WEBER BROADWOOD

pianos are in use at the various stations of the B.B.C.

GLASGOW.

3.0-3.30.—Feature Afternoon: Norman Austin's "Musical Moments," relayed from La Scala Picture House.
3.30-4.30.—The Wireless Quartette and Arthur J. Freeland (Baritone).
4.45-5.15.—Topics for Women: J. H. Peddie, M.A., on "Twice-Read Books."
5.15-6.0.—CHILDREN'S CORNER. Our Weekly Forty-Five Minutes with the Smaller Children.
6.0-6.5.—Weather Forecast for Farmers.
7.0.—NEWS and WEATHER FORECAST.
S.B. from London. Local News.
7.15-8.0.—Interval.
Scottish Night.
The Battle of Bannockburn—24th, June, 1314.
THE STATION ORCHESTRA.
Conducted by **ISAAC LOSOWSKY.**
THE SCOTTISH NATIONAL THEATRE SOCIETY
presents
THE SCOTTISH NATIONAL PLAYERS,
in a Triple Bill of One-Act Scottish Plays.
S.B. to Edinburgh.
8.0. Orchestra.
Overture, "Fingal's Cave" *Mendelssohn*
8.15. "GLENFORSA."
A Play in One Act by
John Brandane and A. W. Yuill.
Anna McDougall, Housekeeper at Oskamull
ELLIOT C. MASON
McDougall of Oskamull
W. GRAHAM DOW
McKinnon of Glenforsa R. B. WHARRIE
Elspeth Cameron, Daughter of Draolinn, a
Highland Laird **JEAN TAYLOR SMITH**
Scene: The Salle at Oskamull, Eilean Aros,
Inner Hebrides.
Time: 1760.
8.50. **JOHN B. DICKSON (Solo 'Cello).**
Pibroch, "Cumha Mhic-an-Toisich"
Granville Bantock
DAVID OPENSHAW (Bass-Baritone).
"A Jacobite Lament"
Old Highland Melody,
"Colin's Castle" } *arr. M. Lawson*
Old Scottish Air, "The
Lament of the Border"
Widow" }
9.5. "THE MOTHER."
A Play in Two Scenes by *George Blake.*
Morag Gillespie **ELLIOT C. MASON**
Calum Gillespie, her Father-in-Law
ARCHIBALD BUCHANAN
Alistair Gillespie, her Son, R. B. WHARRIE
John Catto, the Factor
M. LEVACK RITCHIE
The Laird **W. GRAHAM DOW.**
Scene: A West Highland Crofter's Cottage in Ardlamey.
Note.—To denote the passing of a few hours between Scenes 1 and 2 "Fear a Bhata" ("The Boatman") will be played as a Violin Solo by Isaac Losowsky.
9.50. Orchestra.
"Three Scottish Symphonic Dances"
Wagh Wright
10.0.—NEWS and WEATHER FORECAST.
S.B. from London. Local News.
10.15. "THE CRYSTAL SET."
A Comedy in One Act by *John H. Bone.*
Granny, who lives with her Son
MEG BUCHANAN
Wullie, the Son ... **J. LEVACK RITCHIE**
Gracie, his Wife ... **GRACE McCHLERY**
Scene: The Kitchen of a Small House in Renfrewshire.
Time: The Present.
10.45. David Openshaw.
Old Scottish Air, "Jingling Johnnie" } *arr. M. Lawson*
Aberdeenshire Air, "The Royal Rose" }
Old Highland Air,
"Herding Song" }
11.0.—Close down.
Announcer: Herbert A. Carruthers.

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 541.

WIRELESS PROGRAMME—WEDNESDAY (June 25th.)

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

LONDON.

4.0-6.0.—Time Signal from Greenwich. Concert: Light Music by the Wireless Orchestra, Conducted by Dan Godfrey, Junr. Gerald Adams (Tenor). "My Part of the Country" (5), by A. Bonnet Laird. "Little Tours of the Empire at Wembley" (1), by M. Grant Cook.

6.0-6.45.—CHILDREN'S CORNER: Martin Shaw on "Handel." The Wireless Orchestra.

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

Mrs. ERNEST BIGLAND (*née* Miss Florence Parbury), Founder of the British Empire Musical Festival, on "Listening from the Wilds." *S.B. to Newcastle.*

Local News.

7.30-8.0.—Interval.

8.0. **An Evening of Plays** performed by THE INTERNATIONAL ONE-ACT PLAYERS.

S.B. to Bournemouth.

I. Scene from "DON CARLOS" Schiller, *trans. Boylan*

II. "THE STEPMOTHER" Arnold Bennett

III. "THE MAKER OF DREAMS" Oliphant Down

Incidental Music by THE LIGHT ORCHESTRA.

9.45.—Mr. C. P. BUTLER, F.R.A.S., on "The Chemistry of the Stars." *S.B. to other Stations.*

10.0.—"AIDA" (Verdi), Act III., played by the British National Opera Company, relayed from His Majesty's Theatre, London. *S.B. to all Stations.* (A description of this opera will be found on page 545.)

10.30.—TIME SIGNALS FROM GREENWICH and BIG BEN. 2ND GENERAL NEWS BULLETIN and WEATHER FORECAST. *S.B. to all Stations.*

The Week's Work in the Garden by the Royal Horticultural Society. *S.B. to other Stations.*

Local News.

10.45.—"AIDA," Act IV. *S.B. to all Stations.*

11.20.—Close down.

Announcer: J. S. Dodgson.

BIRMINGHAM.

3.30-4.30.—Lozells Picture House Orchestra: Conducted by Paul Rimmer.

5.0-5.30.—WOMEN'S CORNER: W. H. Edwards, F.E.S., on "Sponges."

5.30-6.30.—Agricultural Weather Forecast. CHILDREN'S CORNER.

6.30-6.45.—'Teens' Corner: W. H. Edwards, F.E.S., on "Marvels of Sponge Life."

7.0.—NEWS and WEATHER FORECAST. *S.B. from London.*

Local News.

7.15.—H. C. LACEY, M.B.E., Organising Secretary of the Memorial Theatre, Stratford-on-Avon, on "The Shakespeare Fairyland."

7.30-8.0.—Interval.

Operatic Night.

8.0. THE STATION SYMPHONY ORCHESTRA,

and
REPERTORY COMPANY,
Conducted by JOSEPH LEWIS,
Will Give a Performance of
"DER FREISCHÜTZ"
(Weber) (11).

Cast:

Agnes EMILY BROUGHTON
Annie GLADYS WHITEHILL
Rodolph BERT ASHMORE
Ottokar INGRAM BENNING
Cuno WILLIAM BONNILL
Caspar JAMES HOWELL
Kilian PERCY CHATWIN
The Hermit HAROLD HOWES
A Bridesmaid ISABEL TEBBS

10.0.—"AIDA," Act III. *S.B. from London.*

10.30.—NEWS and WEATHER FORECAST. *S.B. from London.*

Royal Horticultural Society Talk. *S.B. from London.*

Local News.

10.45.—"AIDA," Act IV. *S.B. from London.*

11.20.—Close down.

Announcer: A. Pelham.

BOURNEMOUTH.

3.45-5.15.—Romano Ciaroff (Tenor), Gertrude Newson (Soprano), Ronald Gourley (Entertainer). Talks to Women.

5.15-6.15.—CHILDREN'S CORNER.

6.15-6.45.—Scholars' Half-Hour: R. M. Clark, B.Sc., on "Atmospheric Electricity."

7.0.—NEWS and WEATHER FORECAST. *S.B. from London.*

ELLEN THORNEYCROFT FOWLER (Authoress), on "Square Pegs in Round Holes."

Local News.

7.30-8.0.—Interval.

8.0.—Plays by THE INTERNATIONAL ONE-ACT PLAYERS. *S.B. from London.*

9.45.—Mr. C. P. BUTLER. *S.B. from London.*

10.0.—"AIDA," Act III. *S.B. from London.*

10.30.—NEWS and WEATHER FORECAST. *S.B. from London.*

Royal Horticultural Society Talk. *S.B. from London.*

Local News.

10.45.—"AIDA," Act IV. *S.B. from London.*

11.20.—Close down.

Announcer: John H. Raymond.

CARDIFF.

3.0-4.0.—The Station Trio. Winifred Fisher (Soprano).

5.0-5.45.—"5WA'S" "FIVE O'CLOCKS": Informal programme contributed by popular speakers. Vocal and Instrumental Artistes. Weather Forecast.

5.45-6.30.—CHILDREN'S CORNER.

6.30-6.45.—"How To Draw" (VI), by an Artist.

7.0.—NEWS and WEATHER FORECAST. *S.B. from London.*

Local News.

7.15.—Miss ELEANOR VACHELL, F.L.S., Member of the Botanical Exchange Club of the British Isles, on "Flowers of the Week."

7.30-8.0.—Interval.

The Magic Carpet—XVI.

8.0. The Magic Carpet will make a Flight to

SWEDEN.

The Land of Rivers and Iron Mountains.
Pilot: Herr E. G. SAHLIN, Consul-General for Sweden.

Comradios are invited to be ready for the journey at 8.0 precisely; the Carpet will finish its Flight at 9.30 p.m.

The Famous Swedish Singer, Countess MARIANNE MÖRNER and THE STATION ORCHESTRA will accompany the party.

Next Thursday week: A Trip to Canada.
Pilot: Major Ney, M.C.

9.30.—Orchestral Selection, "Merrie England" German

9.45.—Songs (Selected).

10.0.—"AIDA," Act III. *S.B. from London.*

10.30.—NEWS and WEATHER FORECAST. *S.B. from London.*

Royal Horticultural Society Talk. *S.B. from London.*

Local News.

10.45.—"AIDA," Act IV. *S.B. from London.*

11.20.—Close down.

Announcer: C. H. King.

MANCHESTER.

2.30-3.0.—MAINLY FEMININE.

3.30-4.30.—St. Edmund's Girls' School Choir. Dr. C. S. Grundy (Solo Pianoforte). Claremont Road Mixed School Choir.

5.40-5.45.—Farmers' Weather Forecast.

5.45-6.0.—Children's Letters.

6.0-6.30.—CHILDREN'S CORNER.

7.0.—NEWS and WEATHER FORECAST. *S.B. from London.*

Local News.

7.15.—Talk: "School Medical Service."

7.30-7.45.—Interval.

7.45. THE RADIO MILITARY BAND.

Conductor, HARRY MORTIMER.

March, "The Beehive" Bennett

Overture, "Rosamunde" Schubert (1)

Waltz, "Blue Danube" Strauss (1)

Xylophone Solo, "Heather and Sea" Geldard

(Soloist, John Massey.)

GLADYS PALMER (Contralto).

"O Love, From Thy Power" ("Samson and Delilah") Saint-Saëns

"Love Went a-Riding" Frank Bridge

LEE THISTLETHWAITE (Baritone).

"Nemico della patria?" Giordano

Band.

Selection, "Aida" Verdi

Intermezzo, "Heartsease" Macbeth

Oriental Scene, "In a Persian Market" Ketelbey

Gladys Palmer.

"Passing Dreams" Quilter (1)

"It Was a Lover and His Lass" Quilter (1)

Lee Thistlethwaite.

"Ritournelle" Chaminade (5)

"Love Untold" York Bowen (17)

Band.

"Reminiscences of Offenbach" Winterbottom

Suite, "Americana" Thurban

Japanese Mazurka, "La Mousmé" Ganne

Selection, "A Country Girl" Monckton

9.40.—Talk: "Feeding the Hungry School Child."

10.0.—"AIDA," Act III. *S.B. from London.*

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 541.

Wednesday's Programmes.

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

MANCHESTER: *Continued from the facing page.*
 10.30.—NEWS and WEATHER FORECAST. *S.B. from London.*
 Royal Horticultural Society Talk. *S.B. from London.*
 Local News.
 10.45.—"AIDA," Act IV. *S.B. from London.*
 11.20.—Close down.
 Announcer: Victor Smythe.

NEWCASTLE.

3.45-4.45.—Concert: The Station Light Orchestra—Conductor, William A. Crosse.
 4.45-5.15.—WOMEN'S HALF-HOUR: Prof. Motison on "Some Old Lady Friends of Sir Walter Scott." Isabel Spence (Soprano)—Scotch Songs.
 5.15-6.0.—CHILDREN'S CORNER.
 6.0-6.30.—Scholars' Half-Hour.
 6.35-6.50.—Farmers' Corner: Prof. Gilchrist—Seasonable Notes.
 7.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
 Mrs. ERNEST BIGLAND. *S.B. from London.*
 Local News.
 7.30-8.0.—Interval.
 8.0.—THE STATION ORCHESTRA.
 Conductor, WILLIAM A. CROSSE.
 March, "Music, Music" *Knock*
 Entr'acte, "Remembrance" *Telma* (8)
 8.10.—DAVID OPENSHAW (Baritone).
 "The Carrier's Courtship" *Marks*
 "Now Sleeps the Crimson Petal" *Quiller* (1)
 "The West Wind" *Stewart*
 Orchestra.
 Selection, "The Happy Day" *Jones and Rubens*
 David Openshaw.

"Galloping Dick" *Fletcher* (11)
 "A Frivolous Ballad" *Slater* (8)
 "Wayfarer's Night Song" *Martin* (5)
 Orchestra.
 "Miniature Suite" *Couttes* (1)
 8.50.—DEBATE.
 Motion: "That Independent Working-Class Education on Industrial Questions is essential for the Workers."
 Affirmed by Mr. WILL COXON.
 Negatived by Mr. P. J. RYAN.
 Chairman: Mr. WILLIAM STRAKER, Secretary of the Northumberland Miners' Association.

9.30.—Orchestra: Selections.
 10.0.—"AIDA," Act III. *S.B. from London.*
 10.30.—NEWS and WEATHER FORECAST. *S.B. from London.*
 Royal Horticultural Society Talk. *S.B. from London.*
 Local News.
 10.45.—"AIDA," Act IV. *S.B. from London.*
 11.20.—Close down.
 Announcer: W. M. Shewen.

ABERDEEN.

3.30-4.30.—Nancy Lee and Marie Sutherland: Recital of Sonatas for Violin and Piano.
 4.30-5.0.—WOMEN'S HALF-HOUR: Scottish Songstresses illustrated by Miss Addie Ross.
 6.0-6.30.—CHILDREN'S CORNER: Miss Creeth on "Means of Defence in the Plant and Animal World." Radio Circle Bulletin.
 7.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
 Local News.
 7.15-8.0.—Interval.
 8.0.—CHARLES DAVIDSON, M.A., of Aberdeen University: Third Lecture on Spanish.

The Housewife's Risks.

A Talk from London, by a Barrister-at-Law.

HAVE you ever faced the question of how you would be affected financially if your treasured housemaid were to slip downstairs and break her leg?

You may, perhaps, imagine that the stamping of her weekly insurance card absolves you from all further liability. If so, you are seriously mistaken, for should she have an accident while working for you, you would have to pay her a weekly sum by way of compensation during the whole of the time that she is either totally or partially disabled.

Suppose you pay your housemaid £52 a year wages—and let me put her keep at 15s. a week, which comes, roughly, to £38 a year, so that her wages and keep together are worth £90 a year to her. Let me further assume that you do a good deal of entertaining, as a result of which an average sum of £14 finds its way into her pocket as "tips." Her wages £52, her keep £38, and her tips £14 bring her in a total income of £104 a year, as a result of being your servant. £104 a year, or £2 a week.

A Life Long Burden.

Now suppose that she has a bad accident which renders her totally incapable of work for a considerable time. In spite of the fact that you will have to engage someone else to do her work, you will have to pay your disabled housemaid 22s. 6d. a week during the whole of such time as she is totally incapacitated, and should she unfortunately be totally incapacitated for life, you would be laden with the burden as long as she lives, unless at some future date—not less than six months after the accident—you like to compound by paying down a lump sum to purchase her an annuity of £44 a year. The cost of that would vary according to her age. If she is twenty-five,

it will cost you something between seven and eight hundred pounds.

You will remember that we took your housemaid's wages at £2 a week, and that the weekly sum you had to pay her during total disablement was 22s. 6d. This figure, of course, would be reduced if her wages were less than £2, and increased if they were more.

Heavy Compensation.

There is, however, one still more serious possibility. Your housemaid may have an accident while carrying out her duties for you which results in her death. In that event, if she leaves no relatives who looked to her for their support, your burden is a light one—you may have to pay the reasonable expenses of the doctor who attended her and the costs of the funeral, but in no case can you be asked to pay more than £15. But if she leaves behind a widowed mother or some other member of her family of whom she was the sole support, you will be in a very awkward position indeed. You will have to pay out £300 at once, as compensation to the person or persons whose sole support has been taken from them as the result of an accident which happened in your service.

If her wages had been less, you might only have had to pay £200. In the case of a woman-servant leaving relatives who were wholly dependent on her, the amount the mistress has to pay varies between £200 and £300, according to the wages of the servant. Should the relatives have been only partially dependent, your liability would be smaller—to be settled by agreement or by a county court judge.

All these dreadful possibilities can be avoided by the simple expedient of insuring against them at 2s. 6d. a servant.

Vocal Dance Night.

R. G. McCALLUM, Vocal Numbers.
 A. M. SHINNIE, Songs at the Piano.
 THE WIRELESS JAZZ ORCHESTRA.
 8.30.—Jazz Orchestra.
 Waltz, "Isle of Sweethearts"; Fox-trot, "Maggie! Yes, Ma" (7); One-step, "Let's Go to Wembley."
 8.45.—A. M. Shinnie (Songs at the Piano).
 8.55.—Jazz Orchestra.
 Waltz, "Blue Lagoon" (19); Fox-trot, "Last Night on the Back Porch"; One-step, "Well, I Am Surprised" (10).
 9.10.—A. M. Shinnie (Songs at the Piano).
 9.20.—Jazz Orchestra.
 Waltz, "Hawaiian Rainbow" (9); Fox-trot, "Just Keep on Dancing" (10); One-step, "Why Does a Chicken?" (10); Fox-trot, "Annabelle" (9).
 9.45.—Mr. C. P. BUTLER. *S.B. from London.*
 10.0.—"AIDA," Act III. *S.B. from London.*
 10.30.—NEWS and WEATHER FORECAST. *S.B. from London.*
 Royal Horticultural Society Talk. *S.B. from London.*
 Local News.
 10.45.—"AIDA," Act IV. *S.B. from London.*
 11.20.—Close down.
 Announcer: W. D. Simpson.

GLASGOW.

3.30-4.30.—The Wireless Quartette and Catherine Paterson (Contralto).
 4.45-5.15.—TOPICS FOR WOMEN: Music and Gossip.
 5.15-6.0.—CHILDREN'S CORNER: Singing Fairies from England.
 6.0-6.5.—Weather Forecast for Farmers.

6.5-6.15.—Weekly Morse Code Lesson by Uncle Leslie.
 7.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
 Local News.
 7.15-8.0.—Interval.

Orchestral Evening.

DAISY KENNEDY (Solo Violin).
 THE STATION ORCHESTRA.
 Conducted by ISAAC LOSOWSKY.
 8.0.—Orchestra.
 Overture, "Lurline" *Wallace*
 8.10.—Daisy Kennedy.
 Selections from her Repertoire.
 8.30.—Orchestra.
 Selection, "La Tosca" *Puccini-Tavan*
 8.45.—Daisy Kennedy.
 Selections from her Repertoire.
 9.0.—Orchestra.
 Suite, "Othello" *Coleridge-Taylor*
 "Slavonic Rhapsody" *Friedmann*
 Waltz, "Hydropaten" *Gung'l*
 March, "God of Thunder" *Howgill*
 9.45.—Mr. C. P. BUTLER. *S.B. from London.*
 10.0.—"AIDA," Act III. *S.B. from London.*
 10.30.—NEWS and WEATHER FORECAST. *S.B. from London.*
 Royal Horticultural Society Talk. *S.B. from London.*
 Local News.
 10.45.—"AIDA," Act IV. *S.B. from London.*
 11.20.—Close down.
 Announcer: Herbert A. Carruthers.

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 541.

WIRELESS PROGRAMME—THURSDAY (June 26th.)

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

LONDON.

- 1.0-2.0.—Time Signal from Big Ben. The Week's Concert of New Gramophone Records.
- 4.0-5.0.—Time Signal from Greenwich. Concert: The Wireless Trio. "A Visit to Verona," by Helen Greig Souter. Anne Skidmore (Contralto). "The Story of Some Famous Combs," by Florence Thornton Smith.
- 5.0-6.45.—CHILDREN'S CORNER: "The History of Whittington, Part 4, by Andrew Lang. Auntie Hilda at the Piano. "A Trip Round the World—Buenos Ayres," L.G.M. of the *Daily Mail* on "Latest News from Zoo Nurseries."
- 7.0.—TIME SIGNAL FROM BIG BEN. 1ST GENERAL NEWS BULLETIN and WEATHER FORECAST. *S.B. to all Stations.*
- PERCY SCHOLES (the B.B.C. Music Critic): "The Fortnight's Music." *S.B. to all Stations.*
- Talk by the Radio Society of Great Britain. *S.B. to all Stations.*
- Local News.
- 7.35-8.0.—Interval.

"The Mountaineers."

A Musical Comedy in Three Acts.

S.B. to Bournemouth.

Music by Reginald Somerville. The Book by Guy Eden and Reginald Somerville.

Produced and Conducted by L. STANTON JEFFERIES.

Cast:—

Pierre (Chief Custom House Official)
 WILLIE HARTEL
 Jean REGINALD HERBERT (Rival)
 Conrad EDWARD LEER (Lovers of Clarice)
 Gustave (A Custom House Official)

FREDERICK LLOYD
 Sergeant Frederico . . . KENNETH ELLIS
 Clarice (Pierre's Daughter) VERA LOWE
 Annette (The Village Coquette)

GLADYS NEWTH
 Miss Spinifex (A Travelling English Spinster) VIVIENNE CHATTERTON
 THE AUGMENTED WIRELESS ORCHESTRA.

Period: The Early Part of Last Century.

- 8.0. Act I.—A Frontier Alpine Village.
Act II.—Interior of Pierre's Chalet.
- 10.0.—TIME SIGNAL FROM GREENWICH. 2ND GENERAL NEWS BULLETIN and WEATHER FORECAST. *S.B. to all Stations.*
- Lieut.-Col. J. T. C. MOORE BRABAZON, M.C., M.P., on "How Racing Improves the Motor Car in General."
- Local News.

- 10.30. "THE MOUNTAINEERS." (Continued.)
Act III.—A Frontier Alpine Village.
(A few weeks elapse between Acts II. and III.)
- 11.0.—Close down.

Announcer: J. G. Broadbent.

Musical Numbers in the Opera.
Act I.

1. Opening Chorus, "Hither Again on our Market Day."
2. Entrance of Clarice, "Many Happy Returns of the Day."
3. Song, "Was it the Sigh of a Passing Soul?"
4. Duet... "Like the Summer Lightning."
5. Song... "Travelling."
6. Diligence Chorus, "Once Again the Merry Jingle."
7. Duet "If You'll Tarry in This Valley."
8. Song... "Doubting."

9. Quartette, "It Is Really Most Disarming."
 10. Song and Chorus, "The Legend of the Edelweiss."
 11. Finale, Act I, "Fair Maiden at Your Word I'll Take You."
- Act II.
12. Opening Chorus
 13. Duet... "For Fury and Strife."
 14. Duet, "Just Let Me Hold Your Little Hand."
 15. Song... "Although My Hair is Grey."
 16. Entrance of Sergeant and Song.
 17. Song... "The Sort of a Husband for Me."
 18. Quintette
 19. Chorus... "Good Night."
 20. Song... "Sleep."
 - 20a Dream Pantomime Music.
 21. Finale, Act II.
- Act III.
22. Opening Chorus.
 23. Waltz Song—Clarice and Chorus.
 24. Song... "The Ship and the Wind."
 25. Duet... "This Morning I Woke."
 26. Soldiers' Chorus.
 27. Entrance of Wedding Procession, "Hail! The Bride."
 28. Ensemble... "Now I Must Leave Thee."
 29. Finale, Act III. "Run a-tum-tum-tum."

BIRMINGHAM.

- 3.30-4.30.—Station Piano Quintette: Conducted by Frank Cantell.
- 5.0-5.30.—WOMEN'S CORNER: Florence Clayton (Soprano).
- 5.30-5.35.—Agricultural Weather Forecast.
- 5.35-6.30.—CHILDREN'S CORNER.
- 6.30-6.45.—"Teens' Corner: George Handley, F.E.S., on "The Life and Habits of the Otter."
- 7.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
- PERCY SCHOLES. *S.B. from London.*
- Radio Society Talk. *S.B. from London.*
- Local News.
- 7.35-8.0.—Interval.

Concert Party Night.

- 8.0. THE PACK-OF-CARDS CONCERT PARTY.
Directed by J. HORACE POTTER.
At the Piano—F. R. JUKES.
"Our Wireless Opening Chorus"
Potter and Jukes
An Original Musical Novelty.
"THE SEASONS."

Spring:

- The Queen sings "Spring's Awakening"
Sanderson (1)
- A Duet on "Tulips" *Potter and Jukes*
- Now for some "Chestnuts" } *Jukes*
- "Where Are You Going, My Pretty Maid?" *Smith*

Summer:

- Introducing "Archie, Algernon, and Aubrey" *Potter and Jukes*
- "The Greengrocer's Song" . . . *Bennet (13)*
- "The Tragedy of an Earwig" *Potter and Jukes*
- "Some Gardening Hints" *Potter*

Autumn:

- "The Song of the Highwayman" *Potter and Jukes*
- "The Girls of the Year" } *Jukes*
- "The Pirate of Dozy Bay" *Williams (13)*

Winter:

- "A Catty Ditty" *Potter and Jukes*
- "A Doggy Ditty" *Lee (7)*
- "Two Gay Owls" *Van Lennep (12)*
- "Xmas Eve" *Potter and Jukes*

- 9.0. WINIFRED FISHER (Soprano).
"Waiata Poi" (Maori Song) *Hill*
"My Curly-Headed Babby" *Clutsam*
"The Shadow March" *del Riego*
- 9.15. GLADYS PALMER (Contralto).
"Seguidilla" ("Carmen") *Bizet*
"O Peaceful England" ("Merrie England") *German*
"The Arrow and the Song" *Balfe (1)*
- 9.30. The Pack-of-Cards Concert Party.
"A Second Visit to Pierrotland"
Potter and Jukes

- The Ace of Hearts goes "Riding Through the Night" *Smith (1)*
- "If We Always Spoke Nothing But The Truth" *Potter and Jukes*
- "Our Little Bungalow" *McGill (13)*
- "Topical Budget No. 3" *Potter and Jukes*
- "An Interlude by the Ace of Clubs."
- "The Ace of Diamonds and the Piano."
- Some new "Limericks" about the "Pack"
Potter and Jukes

- 10.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
- Local News.
- Major VERNON BROOK, M.I.A.E., on "Motors and Motoring."

- 10.30. Gladys Palmer.
"Life and Death" *Coleridge-Taylor*
"A Brown Bird Singing" *Wood*
"My Ships" *Barrett (1)*

- 10.45. Winifred Fisher.
"Old Mother Hubbard" *Hughes*
Parodies "Dr. Foster" *Hughes (1)*
"Hey Diddle Diddle" *Hughes*

- 11.0.—Close down.
- Announcer: A. Pelham.

BOURNEMOUTH.

- 3.45-5.15.—Orpheus Trio: R. G. Somers (Oboe), H. L. Gibson (Flute), Chas. L. Leeson (Piano), Molly Arnold (Contralto). Talks to Women.
- 5.15-6.15.—CHILDREN'S CORNER.
- 6.15-7.0.—Scholars' Half-Hour: W. J. Stanton on "Place Names—Local."
- 7.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
- PERCY SCHOLES. *S.B. from London.*
- Radio Society Talk. *S.B. from London.*
- Local News.

- 7.35-7.45.—Interval.
- 7.45.—JOHN HENRY (Entertainer).
- 8.0.—"THE MOUNTAINEERS." *S.B. from London.*
- 10.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
- Local News.
- 10.15.—John Henry (Entertainer).
- 10.30.—"THE MOUNTAINEERS" (Continued). *S.B. from London.*
- 11.0.—Close down.
- Announcer: John H. Raymond.

CARDIFF.

- 3.0-4.0.—Falkman and his Orchestra, relayed from The Capitol Cinema.
- 5.0-5.45.—"5WA'S" "FIVE O'CLOCKS": Mr. Isaac J. Williams, Keeper of Arts, The National Museum of Wales. Talks to Women.
- 5.45-6.30.—CHILDREN'S CORNER.
- 6.30-6.45.—Suggestions on the Appreciation of Music (N.), by Frederick Nicholls.
- 7.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
- PERCY SCHOLES. *S.B. from London.*
- Radio Society Talk. *S.B. from London.*
- Local News.
- 7.35-8.0.—Interval.

- 8.0. A Merry Evening with the Great Elizabethans.
Arranged and written by MARGARET GLYN.

Cast:—

Queen Elizabeth MARGARET GLYN
 Burbage SIDNEY EVANS
 Kemp GEORGE BOUVERIE
 Sir James Melville DAVID THORNTON

Soloists:

DOROTHY HELMRICH . . . } Will sing
 JOHN COLLINSON } Elizabethan
 HERBERT HEYNER } Songs.
 "5WA" SMALL CHOIR.

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WIRELESS PROGRAMME—THURSDAY (Continued from the facing page.)

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

THE STATION ORCHESTRA.

Scene I.—The Court.
Scene II.—The Mermaid Tavern.
Scene III.—The Drawing Room at the House of Lady Nevill.
10.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
Local News.
10.15.—Dr. JAS. J. SIMPSON, M.A., D.Sc., on "Romances of Natural History."
10.30.—Close down.
Announcer: C. H. King.

MANCHESTER.

11.30-12.30.—Concert by the "2ZY" Quartette.
5.10-5.40.—MAINLY FEMININE.
5.40-5.45.—Farmers' Weather Forecast.
5.45-6.0.—Children's Letters.
6.0-6.30.—CHILDREN'S CORNER.
7.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
PERCY SCHOLES. *S.B. from London.*
Radio Society Talk. *S.B. from London.*
Local News.
7.35-8.0.—Talk: "Schools for the Crippled in Mind and Body."

Miscellaneous Concert.

8.0 DAVID OPENSHAW (Baritone).
"The West Wind" Stewart
"My Joan" Wood (5)
Mr. CAHIL FOGARTY will read an Irish Play entitled "The Rising of the Moon," by Lady Gregory.
8.30. HAGUE STREET MIXED SCHOOL CHOIR.
Cantata, "The Walrus and the Carpenter" Fletcher (11)
PAT RYAN (Solo Clarinet).
1st and 2nd Movements from Sonata in E Flat for Clarinet and Piano ... Brahms (1) Allegro Amabile; (2) Appassionato, Ma non troppo allegro.
(At the Piano—NORMAN FAWCETT.)
RONALD GOURLEY (Music and Humour.)
"A Brace of Ballads" ... Sterndale-Bennett David Openshaw.
"The Fishermen of England" ... Phillips
"A Warwickshire Wooing" James Pat Ryan.
3rd and 4th Movements from Sonata in E Flat Brahms (3) Andante con moto; (4) Allegro non troppo.
Ronald Gourley.
"I'm a Long, Long Way from Home" Neil McBeath
10.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
Local News.
10.10.—Talk: "The Passage from the Elementary to the Secondary School."
10.30.—Mr. Cahil Fogarty, "The Workhouse Ward" (Lady Gregory).
10.50.—Close down.
Announcer: Victor Smythe.

NEWCASTLE.

3.45-4.45.—Concert: Anne F. Whittaker (Soprano), Ralph Bauks (Solo Flute), Mrs. E. L. Davison (Contralto).
4.45-5.15.—WOMEN'S HALF-HOUR: Miss M. H. Thompson on "Lord Kelvin."
5.15-6.0.—CHILDREN'S CORNER.
6.0-6.30.—Scholars' Half-Hour: Miss A. Shaw on "Scholars of the Empire—Canada and the Far North."
6.45-6.50.—Farmers' Corner.
7.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
PERCY SCHOLES. *S.B. from London.*
Radio Society Talk. *S.B. from London.*
Local News.
7.35-8.0.—Interval.

Operatic Evening.

DAISY KENNEDY (Solo Violin).
ADA ELLIOTT (Contralto).
ROMANO CIAROFF (Tenor).

THE STATION ORCHESTRA, Conductor—WILLIAM A. CROSSE.

8.0. Orchestra.
March and Soldiers' Chorus ("Faust") Gounod
Overture, "Poet and Peasant" ... Suppé
Daisy Kennedy.
Tambourin Gossec
Sarabande et Passepied Destouches
Minuet Sarti
Prelude in E Bach-Kreisler
Ada Elliott.
"When All Was Young" ("Faust") Gounod
Romano Ciaroff.
"Una furtiva lagrima" Donizetti
"Mi par d'udir amor" Bizet
Orchestra.
Selection, "Olivette" Audran
Daisy Kennedy.
Liebesfreud Kreisler
Cradle Song Tor Aulin
Orientale Cesar Cui
Souvenir de Moscou Wieniawski
Ada Elliott.
"Knowest Thou the Land?" ("Mignon") Thomas (1)
"Fierce Flames" ("Il Trovatore") Verdi (1)
Orchestra.
Entr'acte, "Mélodie Pastorale" Farman (8)
9.30 GLADYS EDMUNDSON (Solo Pianoforte).
10.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
Local News.
10.15. Orchestra.
Grand Selection, "Il Trovatore" ... Verdi
Romano Ciaroff.
"L'Ossiana" Massenet
"The Flower Song" Bizet
Orchestra.
Excerpts from "Madam Favart" Offenbach
10.45.—Close down.
Announcer: E. L. Odhams.

ABERDEEN.

3.30-4.30.—Semi-Classical Afternoon by the Wireless Quartette and Toxie Reynard (Mezzo-Soprano).
4.30-5.0.—WOMEN'S HALF-HOUR: Lady Adam Smith on "The Work of the National Council of Women."
6.0-6.30.—CHILDREN'S CORNER. Poems and Stories from the Kiddies.
7.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
PERCY SCHOLES. *S.B. from London.*
Radio Society Talk. *S.B. from London.*
Local News.
7.35-8.0.—Interval.
8.0.—Boys' Brigade News Bulletin. The Medical Officer: "The Medical Department at Camp."

Scots Night.

LINA TALBOT (Contralto).
P. WYNESS CHAPMAN (Baritone).
THE WIRELESS ORCHESTRA.
8.30. Orchestra.
Overture, "Guy Mannering" Bishop
"Lament" Foulds
8.45. Lina Talbot.
"Willy's Rare and Willy's Fair" ... Lees
"The Flowers of the Forest" Stephen
8.55. Orchestra.
Overture, "Fingal's Cave" ... Mendelssohn
"Call of the Clans" Foulds
9.10. P. Wyness Chapman.
"An Island Sheilín" Kennedy-Fraser (1)
Song
"The Island Herd-maid"
9.20. Orchestra.
"Three Scottish Symphonic Dances" Wright
9.35. Lina Talbot.
"Lochnagar" (1)
"Annie Laurie" Burnett

9.45. P. Wyness Chapman.
"Ae Fond Kiss" Lawson
"Mary Morrison" arr. Stephen
10.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
Local News.
10.15. Piano and Orchestra.
Scottish Concerto Mackenzie
10.30. Lina Talbot.
"An Eriskay Love Lilt" Kennedy-Fraser (1)
"Duncan Gray" Stephen
10.40. P. Wyness Chapman.
"Bonnie Wee Thing" Fox
"The Lea Rig" arr. Blamphin
10.50. Orchestra.
Suite, "Highland Memories" MacCunn
11.0.—Close down.
Announcer: H. J. McKee.

GLASGOW.

3.30-4.30.—The Wireless Quartette and Daniel Seymour (Tenor). Topics for Women.
4.45-5.15.—Mr. James H. H. Henderson, Asst. Secy. of St. Andrew's Ambulance Assocn., on "First Aid."
5.15-6.0.—CHILDREN'S CORNER.
6.0-6.5.—Weather Forecast for Farmers.
7.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
PERCY SCHOLES. *S.B. from London.*
Radio Society Talk. *S.B. from London.*
Local News.
7.30-8.0.—Interval.
8.0.—Commander GORDON BROWN, R.N., on "Falconry."

Request Night.

THE STATION ORCHESTRA.
Conducted by ISAAC LOSOWSKY.
8.15. Orchestra.
Musical Comedy Selection, "Gipsy Love" Lehar
8.30. CRUE DAVIDSON (Contralto).
"Danny Boy" Weatherley (1)
"Harvesters' Night Song" ... Baynton Power
8.40. NAN R. SCOTT (Elocutionist).
"Edward"
"The Wife of Usher's Well" Old Scots Ballads
8.50. Orchestra.
Suite, "In the Days of Romance" Harding
9.5. GEORGE HUTCHISON (Humorous Reader).
"The Student" Bransby Williams (15)
"Wee Johnnie Paterson" W. Grant Stevenson
9.15. Orchestra.
Entr'actes { "Handel Wakes" ... Morressy
"Seduction" Ganne
9.25. Crue Davidson.
"Land of Hope and Glory" Elgar (1)
(With Orchestral Accompaniment.)
"Cuckoo" Martin Shaw (2)
9.35. Nan R. Scott.
"Home Thoughts from Abroad" John Buchan
"Processional"
9.45. Orchestra.
Selection, "Manon" Massenet-Taron
10.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
Local News.
10.15. George Hutchison.
"Johnnie Gibb's Funeral" W. Grant Stevenson
"Mrs. Duff's Visit to Glasgow" W. Hamilton
10.25. Orchestra.
Valse, "L'Enfant Prodigue" Wormser
10.35. Crue Davidson.
"John Anderson"
"Cam ye by Atholl?" Buntin
10.45. Orchestra.
Selection, "The Gipsy Princess" ... Kalman
11.0.—Special Announcements. Close down.
Announcer: Mungo M. Dewar.

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WIRELESS PROGRAMME—FRIDAY (June 27th.)

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

LONDON.

- 1.0-2.0.—Time Signal from Big Ben. Concert: The Wireless Trio and Constance Read (Contralto).
- 4.0-5.0.—Time Signal from Greenwich. Concert: "A Talk on Fashion" by Nora Shandon. Lawrence McCann (Solo Violin). "Summer in Our Street," by Agnes M. Miall. Organ Music relayed from the Shepherd's Bush Pavilion.
- 5.0-5.45.—CHILDREN'S CORNER. "A Real Princess," by Hans Christian Andersen. "Treasure Island," Chap. 19, Part 2, by Robert Louis Stevenson. Uncle Jack Frost's Wireless Yarn.
- 6.0-6.45.—The Rt. Hon. WINSTON CHURCHILL, on "English," relayed from the London School of Economics. *S.B. to all Stations.*
- 7.0.—TIME SIGNAL FROM BIG BEN. 1ST GENERAL NEWS BULLETIN and WEATHER FORECAST. *S.B. to all Stations.*
- Prof. A. J. IRELAND: Episodes in the History of England, "The Battle of the Standard." *S.B. to other Stations.* Local News.
- 7.30-8.0.—Interval.
- KATHLEEN THOMSON (Solo Pianoforte). HAYWARD WEBB (Contralto). JAY KAYE (Entertainer). THE WIRELESS ORCHESTRA, Conducted by DAN GODFREY, Junr.
- 8.0. "Marche Russe" *Ganna*
Overture, "Fra Diavolo" *Auber*
"Keltic Suite" *Foulds*
Contralto Songs.
"My Ships" *Barratt* (1)
"The Gap in the Hedge" *Old Irish* (1)
Jay Kaye,
in an Impression of the famous Dan Leno:
"The Swimming Master."
Concertstück for Pianoforte and Orchestra
Chaminade
The Orchestra.
Selection, "Carmen" *Bizet*
Contralto Songs.
"An Old Garden" *Hope Temple* (1)
"John" *Hermann Lohr*
Another Jay Kaye Impression of Dan Leno:
"Never More."
The Orchestra.
Suite, "Scènes Napolitaines" ... *Massenet*
- 10.0.—TIME SIGNAL FROM GREENWICH. 2ND GENERAL NEWS BULLETIN and WEATHER FORECAST. *S.B. to other Stations.*
- Topical Talk. *S.B. to other Stations.* Local News.
- 10.30. The Orchestra.
Descriptive Piece, "A Southern Wedding" *Lottor*
Intermezzo, "The Butterfly" *Bendix*
Selection, "The Gipsy Princess" *Kalman*
- 11.0.—Close down.
Announcer: J. G. Broadbent.
- ## BIRMINGHAM.
- 3.30-4.30.—Lozells Picture House Orchestra, Directed by Paul Rimmer.
- 5.0-5.30.—WOMEN'S CORNER: "What the Board of Guardians Does for Children."
- 5.30-5.35.—Agricultural Weather Forecast.
- 5.35-6.0.—CHILDREN'S CORNER.
- 6.0-6.45.—The Rt. Hon. WINSTON CHURCHILL. *S.B. from London.*
- 6.45-6.55.—Teens' Corner: R. Thibault, French Talk, "Retour de Napoleon I."
- 7.0.—NEWS and WEATHER FORECAST. *S.B. from London.* Local News.
- 7.15-8.0.—Interval.

Play Night.

- 8.0. THE STATION COMPANY OF PLAYERS, Directed by WILLIAM MACREADY, will produce "UNDER TWO FLAGS," adapted from the Novel by Ouida. Rake Flanagan PERCY EDGAR Zu-Zu ETHEL JOHNSON Bertie Cecil Royallieu (afterwards Corporal Victor) E. STUART VINDEN Corona (La Petite Reine) ETHEL MALPAS Lord Rockingham ... FRANK V. FENN Baroni LEONARD THACKERAY Colonel Chateaubroy (The Black Hawk) WILLIAM MACREADY Cigarette (a Vivandiere) EDNA GODFREY-TURNER Marshal Lefleur JOHN ADAMS *N.B.*—The Characters are given in their order of arrival in the Play.
Act I.—Bertie's Rooms in Mayfair.
Act II.—A Barrack Yard in Algiers—with the Foreign Legion.
Act III.—Scene 1: Princess Corona's Hotel, Algiers.
Scene 2: The Barrack Yard.
Act IV.—Scene 1: Marshal Lefleur's Headquarters.
Scene 2: The Barrack Yard.
Incidental Music by THE STATION ORCHESTRA, Under the Direction of JOSEPH LEWIS.
- 10.0.—NEWS and WEATHER FORECAST. *S.B. from London.* Local News.
- 10.15 DAVID OPENSHAW (Bass-Baritone). "Blow, Blow, Thou Winter Wind" *Quilter* (1)
"The Derby Ram" *Hurleystone*
"All My Very Own" *Hope* (1)
- 10.30.—COLIN H. GARDNER, F.R.A. (Hon. Organizing Secretary of the Radio Association), "Wireless Hints to Beginners."
David Openshaw.
"Galloping Dick" *Fletcher* (11)
"Now Sleeps the Crimson Petal" *Quilter* (1)
"The Wayfarer's Night Song" *Easthope-Martin* (5)
- 11.0.—Close down.
Announcer: A. Pelham.
- ## BOURNEMOUTH.
- 3.30.—Educational Talk by the Rev. RICHARD GROSVENOR BARTELOT, M.A., of Dorchester, Talk on "Wessex."
- 4.0-5.15.—Frederick C. Senior's Trio: J. W. Beauchamp (Violin), John Finlayson (Cello), Frederick Senior (Pianoforte). Talks to Women.
- 5.15-6.0.—CHILDREN'S CORNER.
- 6.0-6.45.—The Rt. Hon. WINSTON CHURCHILL. *S.B. from London.*
- 7.0.—NEWS and WEATHER FORECAST. *S.B. from London.* Local News.
- 7.30-8.30.—Interval.
- "A Night with Coleridge-Taylor."
8.30. THE WIRELESS ORCHESTRA, Conductor, Capt. W. A. FEATHERSTONE. Ballet Music, "Hiawatha."
- 8.45. "A TALE OF OLD JAPAN." (11). GERTRUDE JOHNSON (Coloratura Soprano). DIANA WEBSTER (Contralto). HERBERT SMITH (Bass). SYDNEY COLTHAM (Tenor). THE "GBM" CHORUS. THE WIRELESS ORCHESTRA, Orchestra.
"Petite Suite de Concert"
- 10.0.—NEWS and WEATHER FORECAST. *S.B. from London.* Topical Talk. *S.B. from London.* Local News.

- 10.30. Orchestra.
"Intermezzo."
- 10.35. Gertrude Johnson, Songs, Selected.
- 10.45. Sydney Coltham, Songs, Selected.
- 10.55. Orchestra.
"Characteristic Valse."
- 11.0.—Close down.
Announcer: John H. Raymond.

CARDIFF.

- 3.0-3.30.—Mr. J. STEGER, B.Sc., Headmaster of North Bristol Central School, on "Travel." Fifth Special Talk to Schools.
- 3.30-4.15.—Falkman and his Orchestra, relayed from The Capitol Cinema.
- 5.0-5.30.—"5WA'S" "FIVE O'CLOCKS." Vocal and Instrumental Artistes. Talks to Women. Weather Forecast.
- 5.30-6.0.—CHILDREN'S CORNER.
- 6.0-6.45.—The Rt. Hon. WINSTON CHURCHILL. *S.B. from London.*
- 6.45-6.55.—"A Simple Lesson in French" (III). (Alternate week Welsh.)
- 7.0.—NEWS and WEATHER FORECAST. *S.B. from London.* Local News.
- 7.15.—Mr. DAN JONES, F.R.A.S., on "Astronomy."
- 7.30-8.0.—Interval.
- 8.0. "IL TROVATORE" (*Verdi*). THE STATION SYMPHONY ORCHESTRA. Conductor: WARWICK BRAITHWAITE. *Cast:—*
Leonora MAY BLYTH
Azucena GLADYS PALMER
Manrico JOHN PERRY
Count di Luna .. WILLIAM MICHAEL
Fernando JOSEPH FARRINGTON
Chorus "5WA" CHOIR
Part I.
Scene I.—The Guard Room in Count di Luna's Castle.
Scene II.—The Garden Scene.
Scene III.—The Gipsies' Camp.
Scene IV.—Outside the Convent Walls.
Part II.
Scene V.—The Camp of di Luna.
Scene VI.—The Bridal Scene.
Scene VII.—Outside the Prison Walls.
Scene VIII.—Finale. The Dungeon.
- 10.0.—NEWS and WEATHER FORECAST. *S.B. from London.* Topical Talk. *S.B. from London.* Local News.
- 10.30.—Close down.
Announcer: W. N. Settle.
- ## MANCHESTER.
- 2.30-3.0.—MAINLY FEMININE.
- 3.30-4.30.—Concert by the "2ZY" Quartette.
- 5.0-5.15.—Children's Letters.
- 5.15-5.45.—CHILDREN'S CORNER.
- 5.50-5.55.—Farmers' Weather Forecast.
- 6.0-6.45.—The Rt. Hon. WINSTON CHURCHILL. *S.B. from London.*
- 7.0.—NEWS and WEATHER FORECAST. *S.B. from London.* Local News.
Talk: "The Education Committee and Juvenile Employment."
- 7.30-8.0.—Interval.
- 8.0. Vocal and Instrumental Concert. ERIC FOGG (Solo Pianoforte). "Romance" *Rachmaninov*
"Serenade" *Rachmaninov*
DAISY KENNEDY (Solo Violin). Romance in G Major *Beethoven*
Prelude in E *Bach-Kreisler*
"Alman" *Anon., arr. Craxton*
Minuet *Sarti*
"Tambourin" *Gossec*
PLYMOUTH GROVE BOYS' SCHOOL CHOIR. Selected.

WIRELESS PROGRAMME—FRIDAY (Continued from the facing page.)

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

- 8.45.—Jubilee Talk on "The Independent Order of Foresters."
 9.0. RACHEL HUNT (Contralto).
 "From the Land of the Sky-Blue Water"
Cadman (1)
 "Starry Woods" *Montagu Phillips*
 HERBERT RUDDOCK (Bass).
 "The Midnight Review" *Glinka*
 "Hope, the Hornblower" *John Ireland (1)*
 9.20. Daisy Kennedy.
 "Orientale" *Cesar Cui*
 "Tambourin Chinois" *Kreisler*
 "Cradle Song" *Tor Aulin*
 "Souvenir de Moscou" *Wieniawski*
 Rachel Hunt.
 "Whene'er a Snowflake Leaves the Sky"
Liza Lehmann
 "What's in the Air?" .. *Robert Eden (4)*
 10.0.—NEWS and WEATHER FORECAST.
S.B. from London. Local News.
 Talk. "Education for Young Persons between 14 and 18 years of age."
 10.30. Herbert Ruddock.
 "Requiem" *Graham*
 "Bright is the Ring of Words" } *Peel (1)*
 "The Lute Player" *Allisen*
 Eric Fogg.
 "Fragrance" *Frank Bridge*
 "Water-Wagtail" *Cyril Scott (4)*
 10.50.—Close down.
 Announcer: Victor Smythe.

NEWCASTLE.

- 3.45-4.45.—Concert: Gladys Willis (Solo Piano-forte), Kate Gray (Mezzo-Soprano), Alice Robson (Solo Violin).
 4.45-5.15.—WOMEN'S HALF-HOUR: Miss Jowitt on "Books Worth Reading."
 Miss Blair: Recitations.
 5.15-6.0.—CHILDREN'S CORNER.
 6.0-6.45.—The Rt. Hon. WINSTON CHURCHILL. *S.B. from London.*
 6.45-6.55.—Farmers' Corner: Mr. R. W. Wheldon: "Artificial Manures" (Part I).
 7.0.—NEWS and WEATHER FORECAST.
S.B. from London.
 Prof. A. J. IRELAND. *S.B. from London. Local News.*
 7.30-8.0.—Interval.

Popular Evening.

- 8.0. THE STATION ORCHESTRA.
 Conductor, WILLIAM A. CROSSE.
 "Marche Glorieuse" *Volpatti*
 Overture, "Light Cavalry" *Suppé*
 WINIFRED FISHER (Soprano).
 "Devotion" *Strauss*
 "On Wings of Song" .. *Mendelssohn (11)*
 "The Devon Maid" *Bridge*
 Orchestra.
 Waltz, "Tête-à-Tête" *Hirsch*
 GEORGE BAINBRIDGE (Baritone).
 "Love is a Babel" *Parry (11)*
 "Linden Lea" *Williams (1)*
 "All Thro' the Night" ... *Welsh Air (1)*
 Orchestra.
 Selection, "The Arcadians"
Monckton and Talbot
 Winifred Fisher.
 English Folk Songs:
 "A Brisk Young Sailor" ... } *arr.*
 "Come, My Own One" ... } *Butterworth*
 "O, Waly Waly" } *arr. Sharp*
 "I'm Seventeen Come Sunday" } (11)
 Orchestra.
 Entr'actes {"Sleeping Beauty" *Rhode*
 {"Bells of Bordeaux" *Smith (9)*
 9.35. MADAM MABANE,
 Elocutionist.
 10.0.—NEWS and WEATHER FORECAST.
S.B. from London. Local News.
 10.15. George Bainbridge.
 "Lowland Sea" *Branscombe (13)*
 "Captain Mac" *Sanderson (1)*
 10.25. Orchestra.
 Three Dances, "Nell Gwyn" .. *German*
 10.40.—Close down.
 Announcer: W. M. Shewen.

ABERDEEN.

- 3.30-4.30.—The Wireless Quartette and Janet MacFarlane (Soprano).
 4.30-5.0.—WOMEN'S HALF-HOUR: Mrs. R. F. Robertson-Cameron on "Children as an Inspiration in Music," with Pianoforte Illustrations.
 5.10-5.55.—CHILDREN'S CORNER: "Peeps into History—Alexander the Great, and Darius, King of Persia."
 The Rt. Hon. WINSTON CHURCHILL.
S.B. from London.
 7.0.—NEWS and WEATHER FORECAST.
S.B. from London. Local News.
 7.15-8.0.—Interval.
 8.0.—Scholars' Half-Hour: W. Douglas Simpson, M.A., F.S.A.(Scot.), on "History at Our Doosteps" (No. 6 of Series).
 8.30.—RONALD GOURLEY (Entertainer).
 8.45.—"CRAMOND BRIG" or "THE GUDEMAN O' BALLANGIECH."
 A Comic Drama in 2 Acts by William H. Murray.
(S.B. to Glasgow.)
 Cast:—
 James the Fifth of Scotland
 R. E. JEFFREY
 (Surnamed the Gudeman o' Ballangiech)
 James Birkie (of that ilk)
 E. R. R. LINKLATER
 Jock Howieson (Farmer of Braehead)
 A. M. SHINNIE
 Tam Maxwell (A Young Laird)
 A. W. GRAFTON
 Master Lindsay (Page at Holyrood)
 ELMA REID
 Captain of the King's Guard
 W. DUNDAS
 Crimes { Ruffians } LAWRENCE WOOD
 Boston in Birkie's } R. G. McCALLUM
 Jabos { Pay. } IAN McKAY
 Tibbie Howieson ... CHRISTINE CROWE
 Marie Howieson (Her Daughter)
 JOYCE TREMAYNE
 Produced by JOYCE TREMAYNE in
 Collaboration with R. E. JEFFREY.
 9.45. THE WIRELESS ORCHESTRA.
 "Fantasia on the Works of Offenbach"
arr. Felras
 10.0.—NEWS and WEATHER FORECAST.
S.B. from London. Local News.
 10.15.—The Reverend Dr. WHYTE, Kingswells, on "The Brightness of Stars and Their Distances."
 10.30.—Ronald Gourley (Entertainer).
 10.40. Orchestra.
 Selection, "A Little Dutch Girl" .. *Kalman*
 10.50.—Ronald Gourley (Entertainer).
 11.0.—Close down.
 Announcer: A. M. Shinnie.

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GLASGOW.

PROGRAMME TO SCHOOLS.

- 3.0-3.15.—ALEXANDER STEVENS, M.A., B.Sc., "Geography and Travel."
 3.20-3.40.—D. MILLAR CRAIG: "Music."
 3.45-4.0.—ALBERT LE GRIP: French Talk.
 4.0-4.30.—The Wireless Quartette.
 4.45-5.15.—TOPICS FOR WOMEN: Miss Somerville, of the Glasgow and West of Scotland College of Domestic Science, on "Millinery."
 5.15-5.55.—CHILDREN'S CORNER: "Ta-Ta," "5SC's" French Auntie will give her weekly "French Chat."
 5.55-6.0.—Weather Forecast for Farmers.
 6.0-6.45.—The Rt. Hon. WINSTON CHURCHILL. *S.B. from London.*
 6.45.—A. PARRY GUNN on "The Theatre of To-day."
 7.0.—NEWS and WEATHER FORECAST.
S.B. from London. Local News.
 7.15-8.0.—Interval.
 8.0. Chamber Music—A Play—Light Orchestra.
 Singer, Mrs. A. M. HENDERSON.
 Pianist, Mr. A. M. HENDERSON.
 Piano Soli:
 Pavane (from Queen Elizabeth's Virginal Book)..... *Byrd, 1543-1623*
 Air in G.
 Air in E Minor on a Gound Bass.
 Sarabande in G Minor.
 Minuet in G Major.
 Toccata in C Major *Henry Purcell, 1658-1696*
 Songs:
 "Tell Me, Gentle Shepherd"
Boyce, 1710-1779
 "Under the Greenwood Tree."
 Piano Soli:
 Courante in D Major.
 Minuet in D ... *Maurice Greene, 1695-1775*
 Songs:
 "The Willow Song" ("Othello")
Sullivan, 1842-1900
 "A Summer Morning" ... *Somervell, 1863*
 Piano Soli:
 "Romance" *Cyril Scott, 1879*
 "Plaid Dance."
 "Dirk Dance" *Hamish MacCunn, 1863-1916*
 Songs:
 "The Bells of San Marie" *John Ireland, 1878*
 "Over the Mountains" *Roger Quilter, 1877*
 8.45-9.45.—"CRAMOND BRIG." *S.B. from Aberdeen.*
 9.45. ROMANO CIAROFF (Tenor).
 "Una furtiva lagrima" ("Elisir d'Amore")
Donizetti
 "Che gelida manina" ("La Bohème")
Puccini
 10.0.—NEWS and WEATHER FORECAST.
S.B. from London. Local News.
 10.15. Romano Ciaroff.
 "Hush Every Breeze"
James Hook, 1746-1827
 "The Cloths of Heaven" *T. Dunhill*
 "When Night Descends"
Rachmaninov-Veltraef
 "Spring Waters" ... *Rachmaninov-Veltraef*
 10.27. ORCHESTRA.
 Conducted by ISAAC LOSOWSKY.
 Suite, "Glimpses of London" *Ivey*
 10.37. Romano Ciaroff.
 "Mi par d'udir amor" ("Pêcheurs des Perles") *Bizet*
 "L'Ossiana" ("Werther") *Massenet*
 "The Flower Song" ("Carmen") *Bizet*
 10.50. Orchestra.
 Musical Comedy Selection, "Little Nellie Kelly" *Cohan (6)*
 11.0.—Special Announcements. Close down.
 Announcer: Mungo M. Dewar.

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

WIRELESS PROGRAMME—SATURDAY (June 28th.)

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

LONDON.

4.0-5.30.—Time Signal from Greenwich. Concert: Light Music by the Wireless Orchestra, Conducted by Dan Godfrey, Junr. Songs by Oswald Rippon (Tenor). "How to Keep Cool in Summer," by Eustace Miles, M.A. "A Gardening Chat," by Marion Cran, F.R.H.S.

5.30-6.0.—CHILDREN'S CORNER: Anntie Sophie at the Piano. A Visit to the Queen's Dolls House. "A Country Walk in Australia," by K. M. C. Mac-Millan. Children's News. The Wireless Orchestra.

6.0. **The Empire Choir Concert.**
Relayed from
The Stadium, Wembley.
S.B. to all Stations.

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

Major L. R. TOSSWILL, O.B.E., on "Some Famous Fights: Jeffries v. Jack Johnson." *S.B. to other Stations.*
Local News.

9.0.—Mr. A. LLOYD JAMES, Lecturer in Phonetics to the University of London, on "Tongues of the Empire." With Illustrations by Natives of our various Colonies, mostly from the British Empire Exhibition at Wembley.

9.30.—HALF-AN-HOUR AT WEMBLEY. *S.B. to other Stations.*

10.0.—TIME SIGNAL FROM GREENWICH, 2ND GENERAL NEWS BULLETIN and WEATHER FORECAST. *S.B. to all Stations.*

Sir SIDNEY HARMER, K.B.E., V.P.R.S., Director of the Natural History Museum, on "Modern Whaling." *S.B. to other Stations.*
Local News.

10.30.—THE SAVOY ORPHEANS AND SAVOY HAVANA BANDS, and SELMA FOUR, relayed from the Savoy Hotel, London. *S.B. to all Stations.*

12.0.—Close down.

Announcer: J. S. Dodgson.

BIRMINGHAM.

3.30-4.30.—Dale's Dance Orchestra.

5.0-5.30.—WOMEN'S CORNER: Nora M. Barnett, B.A., on "The Canton River—Modern Piracy."

5.30-5.35.—Agricultural Weather Forecast.

5.35-6.0.—CHILDREN'S CORNER: Auntie Phil and another "Adventure of Snooky."

6.0.—THE EMPIRE CHOIR CONCERT. *S.B. from London.*

8.0.—NEWS and WEATHER FORECAST. *S.B. from London.*

Major L. R. TOSSWILL. *S.B. from London.*

Local News.

Miscellaneous Night.

8.30. DAISY KENNEDY (Solo Violin).
Variations in a Theme of Correlli

Tartini-Kreisler
Minuet Sarti
"Tambourin" Gossec
"Alman" Anon., arr. by Croxton
Prelude in E Bach-Kreisler
"Hornpipe" Mistoweski
"Cradle Song" Tor Aulin
"Liebesfreud" Kreisler
"Souvenir de Moscow" Wieniawski

9.0. ST. HILDA COLLIERY BAND.
Conducted by JAMES OLIVER.
Selection, "Lohengrin" Wagner
"Bohemian Suite" Hume (1)
Cornet Solo, "Irene" Bidgood
(Soloist: William Ellison.)

9.30.—HALF-AN-HOUR AT WEMBLEY. *S.B. from London.*

10.0.—NEWS and WEATHER FORECAST. *S.B. from London.*

Local News.

ETHEL MALPAS in a Character Study: "Stephanie of 1924."

10.30.—THE SAVOY BANDS. *S.B. from London.*

12.0.—Close down.

Announcer: A. Pelham.

BOURNEMOUTH.

3.45-5.15.—Ethel Rowland (Solo Pianoforte).
THE ROYAL BATH HOTEL DANCE ORCHESTRA, relayed from King's Hall Rooms. (Musical Director: DAVID S. LIFF.) Talks to Women.

5.15-6.0.—CHILDREN'S CORNER.

6.0.—THE EMPIRE CHOIR CONCERT. *S.B. from London.*

8.0.—NEWS and WEATHER FORECAST. *S.B. from London.*

Major L. R. TOSSWILL. *S.B. from London.*

Local News.

"Variety Night."

8.30. GLADYS PALMER (Contralto).
"To Daisies" Quilter (1)
"Sequidilla" ("Carmen") Bizet

8.40. THE WIRELESS ORCHESTRA.
Conductor:
Capt. W. A. FEATHERSTONE.
Selection, "The Cabaret Girl" Kern

8.50. CHARLES WREFORD (Entertainer).
Humorous Dialect Recital, "The Cornish Jury."

9.0. GILBERT WRIGHT (Solo Cornet).
"Songs of Araby" Clay
"Il Bacio" Arditi

IMPORTANT TO READERS.

LETTERS FOR THE EDITOR should be addressed to "The Radio Times," 8-11, Southampton Street, Strand, W.C.2

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9.5. Gladys Palmer.
"Earl Bristol's Farewell" Lidgely (1)
"See Where My Love a-Maying Goes" Lidgely (1)

9.10. Charles Wreford.
Humorous Dialect Recital, "The Orytorio."

9.20. Orchestra.
Suite, "Ballet Egyptien" Luigini

9.30.—HALF-AN-HOUR AT WEMBLEY. *S.B. from London.*

10.0.—NEWS and WEATHER FORECAST. *S.B. from London.*

Sir SIDNEY HARMER. *S.B. from London.*

Local News.

10.30.—THE SAVOY BANDS. *S.B. from London.*

12.0.—Close down.

Announcer: John H. Raymond.

CARDIFF.

3.0-4.0.—Falkman and his Orchestra, relayed from the Capitol Cinema.

5.0-5.30.—"5WA'S" "FIVE O'CLOCKS":
Vocal and Instrumental Artistes. Talks to Women. Weather Forecast.

5.30-6.0.—CHILDREN'S CORNER.

6.0.—THE EMPIRE CHOIR CONCERT. *S.B. from London.*

8.0.—NEWS and WEATHER FORECAST. *S.B. from London.*

Local News.

WILLIE C. CLISSITT on "Sport of the Week."

Popular Night.

Vocalist, DAVID OPENSHAW
(Bass-Baritone).
Entertainers.

SIDNEY EVANS and RUTH PARRY.
THE STATION ORCHESTRA.

8.30. Orchestra.
Selection, "Chu Chin Chow" Norton

David Openshaw.

"The Carrier's Courtship" Marks
"The Old Bold Mate" Bristol (11)
"Wayfarer's Night Song" Martin (5)
Sidney Evans and Ruth Parry in Songs and Duets.

Orchestra.

Overture, "Gabrielle" Ross
Selection, "Lilac Time" Schubert-Clutsam

Mr. F. J. NORTH, D.Sc., F.G.S., Keeper of Geology at the National Museum of Wales, on "Pocks and Their Stories: Rocks which Were Made by Animals."

David Openshaw.

"If I Were" Richards (1)
"The Fishermen of England" Phillips
"You" Hambler

Sidney Evans and Ruth Parry in Songs and Duets.

Orchestra.

Dance Suite, "Young England"

Bath-Clutsam

10.0.—NEWS and WEATHER FORECAST. *S.B. from London.*

Local News.

10.15.—Mr. E. W. ALLSOFF, Canary Expert and Judge, on "Cage Birds."

10.30.—THE SAVOY BANDS. *S.B. from London.*

12.0.—Close down.

Announcer: A. H. Goddard.

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 541.

WIRELESS PROGRAMME—SATURDAY (Continued from the facing page.)

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

MANCHESTER.

- 3.30-4.30.—Varna Street Boys' School Choir. Miss E. Allen (Solo Pianoforte). Central High School for Girls' Choir.
- 5.30-6.0.—Talk on "Advanced Education in Technology, Commerce and Art."
- 6.0.—THE EMPIRE CHOIR CONCERT. *S.B. from London.*
- 8.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
Local News.

Dance Night.

- 8.15. **MASSEY'S DANCE BAND.**
Waltz, "Alone with You"; Fox-trot, "Steamboat Sal"; Fox-trot, "House of David Blues"; Waltz, Selected; One-step, Selected; Fox-trot, "Clover Blossom Blues."
- HARRY HOPEWELL** (Baritone).
"War Song of Tyrtæus" *Sibelius*
"Secrecy" *Wolf*
"Dedication" *Franz*
- JEAN GORDON** (Entertainer).
"Pasadena" .. *Words, Clarke and Leslie; Music, Warren* (9)
"Barney Google" *Rose and Conrad* (7)
"Sarah" *McHugh, Gilbert, Conley, and Macay* (9)
- Dance Band.
Fox-trot, "Say It with a Ukelele" (6); Waltz, "Barcarolle"; Fox-trot, "Lilliput" (19); Waltz, "Cousin From Nowhere" (6); One-step, "Think of Me"; Fox-trot, Selected.
- Harry Hopewell.
"Honour and Arms" ("Samson") *Handel* (11)
- Jean Gordon.
"Mother Loves Me" .. *Stanley and Allyn* (6)
- Dance Band.
Waltz, Selected; Fox-trot, "Down in Sweetheart Town"; Fox-trot, "Maybe" (6); One-step, Selected; Fox-trot, "Parade of the Tin Soldiers."
- 10.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
Talk on "Evening Play Centres and School Camps."
Local News.
- 10.30.—THE SAVOY BANDS. *S.B. from London.*
- 12.0.—Close down.
Announcer: Victor Smythe.

NEWCASTLE.

- 3.45-4.45.—Concert: The Station Light Orchestra.
- 4.45-5.15.—WOMEN'S HALF-HOUR: Miss J. English on "French School Life." French Recitations.
- 5.15-6.0.—CHILDREN'S CORNER.
- 6.0. THE EMPIRE CHOIR CONCERT. *S.B. from London.*
- 8.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
Major L. R. TOSSWILL. *S.B. from London.*
Local News.

Dance Music and Humour.

- 8.30. **ETHEL FOWKES** (Soprano).
"Pale Yellow Rose" *Phillips*
"I Love the Moon" *Rubens*
- THE STATION ORCHESTRA.**
Conductor, WILLIAM A. CROSSE.
One-step, "Wembling at Wembley" (6); Waltz, "The Pearl Girl"; Fox-trot, "Havana" (9).
- ARCHIBALD FAIRBAIRN** (Elocutionist).
"Telling the Tale" *Squiers* (13)
"The Street-Watchman's Story" *Winter* (13)
- Orchestra.
One-step, "Wait for the Sunshine" (28); Waltz, "Mimi"; Fox-trot, "Pasadena" (9).
- Ethel Fowkes.
"Down in the Forest" *Ronald* (5)
"Moonstruck" *Monckton*
- Archibald Fairbairn.
"Rome's Guide to London" ... *Rome* (13)
- 9.30.—HALF AN HOUR AT WEMBLEY. *S.B. from London.*
- 10.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
- 10.0.—Sir SIDNEY HARMER. *S.B. from London.*
Local News.
- 10.30.—THE SAVOY BANDS. *S.B. from London.*
- 12.0.—Close down.
Announcer: W. M. Shewen.

ABERDEEN.

- 3.30-4.30.—The Wireless Quartette and Connie Soutar (Soprano).
- 4.30-5.0.—WOMEN'S HALF-HOUR.
- 5.0-5.25.—This Week's Interesting Anniversary: "The Battle of Bannockburn," June 24th, 1314.
- 5.25-5.55.—CHILDREN'S CORNER: "Woolly Willie, the Stowaway."
- 6.0.—THE EMPIRE CHOIR CONCERT. *S.B. from London.*
- 8.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
Local News.
- 8.15.—JAMES M. HOWIE, Auction Mart Manager, on "Auctioneering as a Profession."

Russian Night.

- ROMANO CIAROFF** (Tenor).
NANCY LEE (Solo Violin).
THE WIRELESS ORCHESTRA.
- 8.30. Orchestra.
"Prince Igor Ballet" *Borodin* (11)
- 8.45. Romano Ciaroff.
"Why Does My Heart So Quickly Beat?" *Gourileff*
"The Night" *Glinka*
"O Thou Sun, Red Sun" *Slonoff*
"Songs of Dobrina" *Nikitish*
- 9.0. Nancy Lee.
Romance from D Minor Concerto *Wieniawski*
Canzonetta from Concerto *Tchaikovsky*
- 9.15. Romano Ciaroff.
"Berceuse" *Gretchaninov*
Air and Cavatina of Vladimir ("Prince Igor") *Borodin*
"Au Printemps" *Blumenfeld*

- 9.30.—HALF AN HOUR AT WEMBLEY. *S.B. from London.*
- 10.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
Sir SIDNEY HARMER. *S.B. from London.*
Local News.
- 10.30.—THE SAVOY BANDS. *S.B. from London.*
- 12.0.—Close down.
Announcer: W. D. Simpson.

GLASGOW.

- 3.30-4.30.—The Wireless Quartette and Alexander Henderson (Bass).
- 4.45-5.15.—TOPICS FOR WOMEN: Miscellaneous Afternoon.
- 5.15-5.55.—CHILDREN'S CORNER: "At Home" Day for Children of all Ages.
- 5.55-6.0.—Weather Forecast for Farmers.
- 6.0.—THE EMPIRE CHOIR CONCERT. *S.B. from London.*
- 8.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
Major L. R. TOSSWILL. *S.B. from London.*
Local News.

Dance—Humour—Song.

- 8.30. **THE STATION ORCHESTRA.**
Conducted by ISAAC LOSOWSKY.
Fox-trot, "Down on the Farm"; One-step, "The Oom-Pah Trot"; Blues, "If I Can't Get the Sweetie I Want" (3); Fox-trot, "Marcheta."
- 8.40. **RONALD GOURLEY** (Entertainer).
"Music and Humour."
- 8.50. **WINIFRED FISHER** (Soprano).
"Waiata Poi" (Maori Song) *A. Hill*
(By Request.)
"The Night Nursery" *C. Arundale*
"The Shadow March" .. *Teresa del Riego*
- 9.0. Orchestra.
Waltz, "Dreamy Melody"; One-step, "Barney Google."
- 9.10. Ronald Gourley.
"Music and Humour."
- 9.20. Winifred Fisher.
Parodies { "Simple Simon" .. *H. Hughes* (1)
"A Frog He Would" *H. Hughes*
- 9.30.—HALF AN HOUR AT WEMBLEY. *S.B. from London.*
- 10.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
Sir SIDNEY HARMER. *S.B. from London.*
Local News.
- 10.30.—THE SAVOY BANDS. *S.B. from London.*
- 12.0.—Close down.
Announcer: Mungo M. Dewar.

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Pieces in the Programmes.

A Weekly Feature Conducted by Percy A. Scholes.

VERDI'S "AIDA."

ACTS III. and IV. of this Opera, as performed by the British National Opera Company, are to be simultaneously broadcast from His Majesty's Theatre on Wednesday, Acts I. and II. having been thus broadcast last week. A summary of the plot of the whole opera is here given:—

ACT I.

RAMFIS, High Priest of the Egyptians, tells RADAMES that it is decreed that he shall lead the army against the Ethiopians. Radames is deeply in love with a captive at the Egyptian Court, AIDA, daughter of the Ethiopian King, AMONASRO. AMNERIS, the Egyptian Princess, also loves Radames, and finding him cold, watches him and Aida.

ACT II.

AMNERIS, preparing to receive RADAMES, who is returning in triumph, tricks Aida into disclosure of her love, by telling her, falsely, that Radames has been killed. The victorious army returns. At RADAMES' request, the King spares the captives (among whom is AMONASRO); the King further bestows the hand of Amneris upon him, and proclaims him his heir.

ACT III.

The scene is laid on the banks of the Nile, at night. From the Temple of Isis in the background can be heard the sounds of worshippers. The High Priest, RAMFIS (*Bass*), brings AMNERIS (*Contralto*) to pay her bridal vows, and they enter the Temple.

AIDA (*Soprano*) now appears, waiting for Radames. She contemplates throwing herself into the Nile, and thinks of her native Ethiopia.

Her father AMONASRO (*Baritone*), comes to her, and after an effort, persuades her to win over Radames.

AMONASRO hides when RADAMES (*Tenor*) joins Aida. Aida persuades RADAMES to fly with her; as he announces their path of escape, AMONASRO appears; RADAMES cries out passionately, as realization comes to him.

AMNERIS arrives, followed by RAMFIS with guards, who arrest RADAMES—the Ethiopian King and his daughter escaping.

ACT IV.

There are three scenes. In the first two AMNERIS tries to persuade RADAMES (who enters guarded) to forswear Aida and submit himself to her, as a mediator on his behalf.

Then, in the judgment scene, she heaps her curses on the High Priest and the other priests who condemn him to be buried alive.

The stage in the final scene is divided into two floors; above, in the glittering Temple of Vulcan are dancers and priests, below is seen RADAMES in his tomb. Aida has buried herself with him, and together they sing their farewell to life.

AMNERIS throws herself despairingly on the covering of the vault. The curtain falls.

LIADOF'S "KIKIMORA."

Liadof was born in 1855 and died in 1914. *Kikimora* is a good example of his delight in witchcraft. It is a picture of a figure from Russian folk-lore, thus described in the score:—

"KIKIMORA lives and grows with the SORCERER in the rocky hills. From morn to evening the wise CAT tells her tales of wondrous lands. For seven years has Kikimora been growing up. Slender and

dusky is Kikimora; her head is the size of a thimble and her body as slender as a wisp of straw. Kikimora howls and complains from morn to even; Kikimora hisses and whistles from twilight to midnight. From midnight to dawn she spins. And as she spins, Kikimora plots evil against all mankind."

Such is the picture to be conjured up by the composer. He helps himself by using the Celesta (a sort of small Piano with glass bars for wires) and Xylophone (an instrument with wooden blocks tuned to definite pitches).

(*Kikimora* is to be broadcast from Cardiff on Sunday.)

BORODIN'S SECOND SYMPHONY.

This powerful work was completed in 1877. It is in four movements, the third passing unbroken into the fourth.

I.

Quick. At the very outset are reiterated two short emphatic, almost menacing, phrases in all the STRINGS. These, together, constitute the FIRST MAIN TUNE. It is answered by the SECOND MAIN TUNE—a similar, slightly quicker, phrase in WOOD WIND.

These tunes are repeated, working to a climax; then a quietening-down prepares us for a fresh Tune; another little climax intervenes, but almost at once, arrives the THIRD MAIN TUNE (*Rather Slower*)—a peaceful melody, starting high up in the 'CELLOS. It is taken up by Wood Wind, then by all STRINGS. At last, at the climax, TROMBONES and TUBA break in with the FIRST TUNE (in slightly slower notes), and the Movement proceeds to development of this material and a final Re-statement of it.

II. (Scherzo).

Very Fast. There is no obvious melody in this Movement (Scherzo—a "joke"—used here in the broad sense of a caprice). It opens with a discordant chord in the Brass, then HORNS set up a continuous rapid repetition of one note. Against this, *pizzicato* (i.e., plucked) STRINGS play the MAIN TUNE—a brief rising phrase, starting in the Bass, rising to the Treble and descending again. Its descent is accompanied by Wood Wind.

The Movement develops practically continuously from this. Eventually it dies away to the MIDDLE SECTION (or Trio), *Fairly Quick.* This, in contrast, is a delicate, folk-song-like melody, very daintily orchestrated. It starts with the Tune in OBOE, accompanied by Flute, Clarinets, Bassoons, and two Horns on the weak beats; Triangle and Harp respectively on the strong and weak beats.

After some time the FIRST SECTION of the Scherzo returns, and is repeated much as before.

III.

Gently Moving. This is a Movement of the quiet, reflective type that hardly calls for analysis. Attention should be given to a SOLO HORN which plays a soft melody at the beginning; this SOLO CLARINET repeats. After various intermediate matter, a long, noble declamation of this initial Tune, dying away, leads into—

IV.

Quick. This Movement defies description. It is in great contrast to all that has gone before, being a continuous flow of high spirits. (Borodin's Second Symphony is to be broadcast from Cardiff on Sunday.)

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Singing to the World.

By Marguerite D'Alvarez, the World-Famous Contralto.

In the following article, Mme. D'Alvarez, who recently gave a special recital at London Station, describes her feelings when facing her audiences. Mme. D'Alvarez is now touring the principal cities and towns of the North of England, North Wales and the South Coast.



Mme. D'ALVAREZ.

"I AM only a voice that sings in a strange large place," wrote one of your sweetest poets, and the public singer, who spends much of her life alone on a platform, does sometimes feel that strange loneliness.

The wandering minstrel of other days must have felt it, too—coming into the life of town after

town, village after village, and everywhere as a stranger. Yet the men on the ale-benches and the people clustered in the market-place often invited him to share their festivities.

We modern singers have our advantages, and we are often lucky enough to make friends as we go. But when we suddenly face a vast audience in a town which was yesterday unknown to us, I think that our loneliness is greater than the wandering minstrel of the Middle Ages ever felt.

A Terrible Moment.

A voice! A voice in a strange large place—a place packed with people, and all strangers! That moment when I come forward and smile and bow to my audience, is sometimes a very terrible one. In an opera it is quite different: there you are a character in a play, you are masked, and in a masquerade "yourself" does not matter.

The feeling soon passes, for if the audience likes you (and my audiences have been very generous), the response is almost instantaneous. It is not so much the applause which may follow

a song, but the solemn hush which fills the house, and makes you feel you hold it.

And yet it is *not* you. It is the voice—the voice to which you sometimes listen as if it were a thing apart. You yourself are as lonely as ever, perhaps more lonely. All your personal interests are of no importance, it is only the voice that matters, and you stand there listening, watching, and feeling very small and mean.

The Singer Behind the Song.

I am thankful to say that I have many friends, and I know that many of them like me for myself. And yet I shudder to think what would happen. . . . However, we will not think of that. I am proud, too, to believe that my audiences soon become my friends. Heaven knows I have had proof of that in the most charming ways. And, indeed, it thrills me when I find they have discovered the singer behind the song and the woman behind the singer, that something of Marguerite D'Alvarez has become known to them through her singing, and that they like it.

Really, this is what we who journey, singing to the world, value most of all—the knowledge that our voice has not been a thing apart, that somehow, mysteriously, it has expressed us, all our struggles, disappointments, sorrows and joys: that while we stood there solitary on the platform, the voice has been whispering, whispering to the hearts of our hearers some secrets of life.

Wireless at Sea.

How Messages are Sent from Ships.

"CAN I send a wireless message?" is a common query at the wireless room door on board a ship. The passenger, having been duly informed that it is possible to do so, proceeds to write out the message. The cost is elevenpence per word at least and this information, as a rule, causes several words to be cut out! However, the message being duly completed and paid for, the operator calls the nearest coast station.

Should the ship be round the English coast, the procedure is fairly simple. In all probability he gets an answer immediately and the message has been transmitted and a receipt given inside five minutes, providing the "jamming" is not severe. If it is, several repeats may be necessary.

When the coast station operator receives the message, he transmits it on the land line as an ordinary telegram, and it reaches its destination via the usual Post Office route.

Waits Caused by "Jamming."

The ship may, however, be in the tropics, a thousand miles or so from the nearest coast station, and, as is often the case, there may be several messages to transmit. The operator has to wait until the "jamming" has died away, this may entail a wait of several hours; nevertheless he has to keep very much on the *qui vive* all the time.

Perhaps it is only after an hour's persistent calling that he manages to attract the coast station's attention. Having received the signal "K," which signifies "go ahead," he transmits his first message. In all probability, he has to repeat the greater part of this, as several ships and possibly several other coast stations are transmitting on the same wave-length.

BOURNEMOUTH has had wireless sets fitted to all its chais-à-banés. The receiving apparatus is fitted in the back seats, and a 4-wire aerial is used.

The Religion of Humanity.

By E. R. Appleton, B.A. (Oxon), Station Director, Cardiff.

"All the Real World is Beauty, and what is Ugly is the Other Nature."—PLOTINUS.

JUDGING by the confidence with which I held certain convictions a few years ago, I must have been a very young man indeed. With others, I felt that the world was all wrong, that I had accurately diagnosed its malady and could propose an infallible cure. I submitted a lengthy account of one of the ingredients of this cure to a well-known publisher and I was astonished when he returned my MSS. without the usual galley proofs. He could not print my advice to religious organizations, he said, because he only believed in "The Religion of Humanity."

Room for Miracles.

This phrase, "The Religion of Humanity," has troubled me for some time. A doctor who had prescribed quinine for a feverish man would, no doubt, feel perturbed at hearing a specialist insist on the patient getting up and taking a good supply of tobacco to the picture palace. I felt like that doctor, though I fear that my publisher would have substituted an overdose of morphia for the tobacco. He believed that no sentiment whatever should prevent a ruthless pruning of the human race. His point of view was based on the old concept of evolution, which bade us hope without showing us a ray of hope, and which has now vanished.

On the one hand, scientists are discovering the structure of our sense organs, and the

limitations in the range of our perception. Professor Einstein qualifies his view of the part played by the ether in the universe by saying: "On the *rose* which the ether is called to play in our conception of the physical world of the future, we have not yet arrived at a fixed view." And according to the generally accepted theories of Professor Planck, there must be instances, even in the organic world, in which Nature makes leaps, and we therefore find room for miracles.

A New Sense of Reality.

On the other hand, leaders in all branches of religious thought are seeking and finding new inspiration from the source of their faith. Followers of the various schools, stirred on, perhaps, by the new psychology, are united in their striving towards a new sense of reality, towards a new presentation of spiritual values. Yet the more we know, the more conscious we are of how much remains undiscovered. We might well be dismayed but for the one outstanding fact that the further we progress in knowledge, the more powerful do we find the hidden forces to be. Contact with reality is evidently a joyous and a healthy business.

It must, I fancy, be a difficult period for the materialists. I feel sure that one could buy a lot of books on the old Psychology for sixpence. And when one sees the forest of acrias in all large towns, one wonders what humanity thinks

of its sudden and homely use of invisible forces. It should not, at any rate, be difficult to convince anyone of the Reality of the Invisible; and this is surely a result full of tremendous possibilities. And again, what numbers of little parables may be discovered in the mere use of wireless apparatus!

To me, the most exciting thing of all is the gradual emergence of the ideals of humanity. We are discovering not only what people want, but in some cases, and in a most decided manner, what they dislike. There is overwhelming evidence that humanity, even in its most exalted state, wants joy and perpetually craves beauty. In fact, humanity is on the way to Reality.

The Garment of Beauty.

Further, the individual has probably paid for his ticket. In the privacy of his home, untrammelled by his Sunday haberdashery (or the lack of it) he can consider and absorb the personality of the most famous preachers, scholars and artists of the day. He can, and usually does, express his opinion of their performances. And, most important of all, he need not listen.

After only a few months' work with the B.B.C. I feel that I am beginning to appreciate the religion of humanity. It is intolerant of rubbish, ugliness, dullness and pedantry. All but things of Beauty sooner or later pass through its sieve. It recognizes beauty as the garment of all life and, in spite of the pessimists, is thus armed with the greatest argument against materialism. The religion of humanity is still craving for an abundance of that beauty-bearing Life offered nineteen hundred years ago,

The Nature of Gases.

A Talk from London, by Sir WILLIAM H. BRAGG, F.R.S., D.Sc.

ALL material things are made up of some ninety kinds of atoms, in which, therefore, are wrapped up, somehow, all the infinite variety of the material world and all its wonder and mystery. Every atom has a certain volume, in the sense that it does not allow any other atom to encroach upon its domain under ordinary circumstances. Before the discovery of radium, we thought that no encroachment was allowed under any circumstances; but we now find that if one atom approaches another at sufficient speed, it may go through the other without permanent injury to either. When the radium atom explodes, it shoots away a helium atom which drives through hundreds of thousands of other atoms before it is held up.

The Most Universal Thing in Nature.

We are obliged to assume that the atom can on some occasions behave as a very empty thing, and on others as an impenetrable body. In the latter case, when the atoms make up solid bodies, such as metal, or wood, or rock, the atom has a definite volume, about a hundred-millionth of an inch every way. We have to explain why sometimes the atoms cling together tightly as in a solid, or in the less complete union of a liquid, or are sometimes quite independent of each other, as in a gas.

Every atom has a central nucleus which gives it whatever massiveness and weight it possesses. Round the nucleus are distributed electrons, which are the most universal thing in nature. Every atom has its complement of them, and they are all alike. They are, in a sense, electricity itself.

The Neutral Atom.

Every one is, or has, a certain charge of electricity, and when an electric current runs along a wire, it is really a stream of electrons that is on the move. The glowing wire in the valve which is sometimes used in wireless sets is pouring out a stream of them into the surrounding space, and the action of the valve depends upon that stream. The electricity which they hold is of the kind which we call negative: the nucleus of the atom holds a positive charge. The charge on the nucleus is equal to the charge of an exact number of electrons, but of opposite sign; and usually each nucleus has an equivalent number of attendant electrons, so that, on the whole, the atom is neutral—it contains as much positive as negative.

If, now, we suppose two atoms of this sort to meet each other, we can suppose that the result of the encounter will depend on the speed of approach. Each atom carries on its outside its electron cloak: the first contact is between the two sets of electrons. Since a charge of electricity repels another of the same kind, there will be a force of repulsion between the two atoms which will recoil like two billiard balls that have struck each other.

Unthinkable Speed.

This is what goes on under ordinary circumstances, as when two molecules of the air or any other gas meet each other: the air molecules move at about a mile a second, on the average. But the helium atom which is shot out from radium has an initial speed ten thousand times as great, and when it meets an atom, the electron defences

are broken down, and the one goes right through the other. Experiment shows that in most cases it comes out on the other side with no appreciable change in the direction of its motion. Very occasionally there is evidence that a collision has occurred; and this we ascribe to a meeting between nucleus and nucleus.

We have still to explain how the atoms when presented to each other quietly, attract each other and form liquids and solids. When they are moving at excessive speeds, they pass through one another: at moderate speeds they cannon like billiard balls, and at very low speeds they may stick together.

When the two atoms meet, the repulsion of their electron shells may cause them to recoil; but if the motion is less and the atoms spend a longer time in each other's neighbourhood, there is time for something to happen in the internal arrangement of both atoms, and the atoms are held.

Why Carbon is "Number Six."

If we think of the atom as composed of nucleus and electrons we can imagine a one-electron atom, or a two-electron atom, or three or four or any number, and we not only imagine, but actually find, all the atoms having numbers from one to ninety-two, with the exception of one or two still missing. We can denote the various kinds of atoms by simple numbers: and the properties of an atom as it enters into the structure of the world depend on its number only. For instance, carbon is number six, which means that its nucleus holds a positive charge capable of retaining six attendant electrons. It is because the number is six, and not any other number, that carbon has all its properties.

The seven electron atom is nitrogen, the eight is oxygen, and it is because the latter is eight and not seven that it enters easily into com-

bination with carbon and is that which our bodies demand from the air that we breathe.

Now one of the most important of all the properties of the atom is its tendency to associate with other atoms, either of its own kind or of other kinds. The tendencies vary very greatly. They are always struggling against the opposing tendency of motion. All atoms are in motion and the motions tend to prevent the associating forces from taking effect. When motion is in the ascendency, we have a gas in which all the atoms are independent.

Lord Rayleigh's Discovery.

When we look over the list of atoms, we come at intervals to some whose tendency to associate is strikingly small: they are numbers 2, 10, 18, 36, 54, 86. There is a curious numerical rule in the successive differences of these numbers, which may readily be found: they are 2, 8, 18, 32, which are twice the squares of 1, 2, 3, 4. These atoms do not enter into combination with atoms of other kinds.

Their discovery was made when the late Lord Rayleigh was making a careful comparison between the weight of nitrogen obtained from a source that must have given it pure, and the weight of nitrogen left in the air after every other known gas had been removed. He found an obstinate discrepancy and, with the help of Sir William Ramsay, traced it to the presence in the air of a hitherto unknown gas, which they named argon, the lazy one. It is number 18 in the atomic series.

The discovery of this particular member of the unsociable series led to the discovery of the rest. Helium, the lightest, has two electrons and is identical with the atom expelled by radium.

"Unsociable" Molecules.

The ten-electron atom is called "neon," the "new one." Number 36 is krypton, the "hidden one"; number 54 is xenon, the "stranger," and number 86 is the remainder of the radium atom when it has fired away the helium atom.

Besides these unsociable atoms, there are a number of "unsociable" molecules. If, now, we ask ourselves what properties a crowd of atoms or molecules of this kind might be expected to possess, we shall find that they are such as we associate with a gas. Their perfect independence implies that no bounds can be set to a gas because the atoms or molecules will in time disperse themselves over any space to which they have access. The atoms bombard the walls of a vessel which contains them and so cause what we call pressure of the gas.

Two Simple Examples.

If we push a piston into a cylinder containing a gas we make the atoms or molecules move faster. When we pump up a bicycle tyre, we make the molecules of air move more quickly, and the pump becomes hot in our hands. The converse is true. If we allow a mass of air to expand, it is chilled; the molecules are striking a receding wall and speed is lost.

All these are illustrations of the nature of a gas: and the point is that gases exist because a number of the atoms and molecules of which the world is composed do not tend at ordinary temperatures to associate with each other, but maintain an independent and lively existence.



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THE CHILDREN'S CORNER. CONDUCTED BY UNCLE CARACTACUS

A Wonderful City in Burma.

HULLO, Children!

Here is an interesting talk about Rangoon, in Burma, which is one of the most picturesque cities in Asia.

Long before the delta of the Irrawaddy is reached the clear blue of the Bay of Bengal will have been lost in a flood of muddy, yellow water, and the traveller will know that a few more hours will bring him to Rangoon, the chief city of Burma.

The gulls fly round the ship as it ploughs its way upstream; the scene on either side is a dull one. Here and there a few trees rise above the low scrub that comes down to the river-banks, and the only object of real interest is a little flaming light on the horizon. Larger and larger it grows, until at last one sees, rising five hundred feet above the busy port, a great golden bell. It is the Shwé Dagôn, the most sacred Buddhist temple in all Burma.

Houses Made of Bamboo.

The river at Rangoon is crowded with shipping; the docks piled high with merchandise. Ugly, smoking chimneys betray the presence of oil works and cotton factories. The streets, except in the centre of the city, are only narrow winding lanes. The little wooden houses are built on piles as a protection against damp and fever, and, in the poorer quarters, the wood gives place to bamboo.

The Burmese are easy-going people, and even the poorest wear silk. In the streets the moving crowd presents a veritable pageant of colour. Here is a dark, olive-skinned girl with

big brown eyes. In her coal-black hair she has pinned a flower or two. Her blouse is plain and simple, and her skirt, just a length of copper-coloured silk wound round and round and tucked in at the waist. There is a Buddhist monk, clad in flowing robes of old-gold silk, carrying a black paper umbrella, and making his way to the very heart of Rangoon, the Shwé Dagôn.

The Legend of the Temple.

The temple stands upon a wooded platform of rock that once upon a time was an island far out to sea. Thousands of years ago, so the legend runs, the predecessors of the Lord Buddha left some relics here upon which the first temple was built. In shape, it is like a giant hand-bell, made entirely of gold, except for a belt of silver near the top, that glitters like a diamond in the sun. At the very top is a "htec," a sort of golden umbrella from which hang hundreds of jewelled bells, tinkling softly as the wind sways them to and fro.

All round the temple is a clear space, and beyond that, in amongst the feathery coconut trees, nestle scores of little shrines and pagodas. Some are of solid stone, some of Burmese mirror-mosaic, but most are of exquisitely-carved teak. The main great stairway up to the Shwé Dagôn faces south, and the stone steps have been worn to an ice-like slipperiness by the millions of pilgrims who have passed over them.

On both sides, between the columns that support the roofs, shops have been made. Here you can buy toys and books, sweets, umbrellas, candles, flowers, and fruit of many kinds—

breadfruit, figs, and mangoes; and surely the most lovely silks in all the world.

There are many stories about the Shwé Dagôn, and perhaps one of the most curious is that of the great bell. When the British first captured Rangoon, it was suggested that this bell, which weighs over forty tons, should be sent to London. Accordingly, with great difficulty, it was brought down from the temple to be put on board, but, by an accident, it was dropped in mid-stream. Cranes, levers, and donkey-engines were used to raise it from the river-bed, but all in vain. Finally, the attempt was given up.

How Did They Do It?

Some time later the Governor received a petition from the golden-robed monks of the Shwé Dagôn, asking if they might keep the bell if they could raise it. This, of course, was granted. No one thought the monks would succeed. However, they gathered together on the river-bank and offered up incense and prayers, and then set out on two big rafts with nothing but some bamboo sticks and rope—and up came the bell! You can see it to this day in the great pagoda.

Beyond the city lies a dense forest of teak trees and tall, feathery bamboos. Rare orchids of many kinds are found there, and tigers and elephants roam the jungle ways. A few years ago a tiger came right into the city and was captured at the foot of the Shwé Dagôn.

Burma is indeed a wonderful country, and, as one of her kings once said, she is so much the favourite of Heaven that the very rivers add a few more miles of land to her every year.

SABO AMUSES HIMSELF.

By E. W. LEWIS.



ONE day when Sabo was sitting by the lily-pool in the garden, he saw his own image in the water. He was surprised to see what he looked like; and he was rather pleased, too. He looked at himself for quite a long time, smiling and

frowning, but chiefly smiling; for when he smiled, the image in the water smiled also, and seemed very friendly.

He thought it was a pity that there should be only one Sabo in the world. Of course, there was Isobel and David, but even David was very big, and as for Uncle Harry, he was perfectly huge. Sabo thought it would be nice if there were other people, small and brown like himself, in the world, so that he might have playmates and companions.

One day several cartloads of clay were brought into the garden to be mixed with the soil in the rose-beds, for it is good that roses should have clay. It was a bluish kind of clay and it stood in a heap in a corner until the gardener was ready to use it.

Sabo sat down by the heap of clay, and, having nothing better to do, he began to make round balls, rolling the clay in his hands. By chance he made a large ball and then a small one and he stuck the small one on the top of the large one, and, to his astonishment, the two balls, when stuck together, looked remarkably like his own round head on the top of his round body. His eyes brightened.

"That is a good idea!" he said to himself.

So he took some more clay and made two legs and then two arms, which he stuck on to the large ball in their proper places. Each moment it grew more and more like a man. Then he made two little holes for eyes, and a bigger one for the mouth, and he put on a small snubby bit for the nose. And he began to laugh and was very excited.

"You'll be a man soon!" he said, as he worked away.

When he had finished the first, he put it down on the ground and began to make a second one. And all the time, he was thinking very hard, and growing more and more pleased with himself.

When he had finished the second, he put it down on the ground, and took up the first one, and, holding it in front of him, he blew a breath into its face. To his great delight it became alive; the clay eyes blinked, and the clay mouth smiled.

"Which will you choose," said Sabo, "a sword, or needle and thread?"

"A sword!" said the little voice.

"Then you are a man!" said Sabo, and he put the little clay man down on the ground on the right side.

Taking up the other clay figure, he blew a breath in its face and asked the same question.

"Which do you choose, a sword or needle and thread?"

"Needle and thread!" answered the second.

"Then you are a woman!" said Sabo, and he put her down on the ground on his left side.

He began at once to make more clay figures. He looked at the heap of clay, and he thought that before he had used it all up, he would have made hundreds and hundreds! But by the time he had made ten more, he grew tired. Besides, the sun was setting, and it was nearly time for tea.

So he took the ten new ones in his hands one after another, blew a breath into their faces, and asked them the question.

"Which do you choose, a sword or needle and thread?" It was like playing at "Oranges and Lemons." And those that answered "A sword" were men and Sabo put them on his right side; and those that answered "Needle and thread" were women, and he put them on his left side. Five of them were men and seven of them were women. Twelve in all, and to each of the men Sabo gave a small twig and said: "There's a sword for you!" and to each of the women he gave two fine needles and some leaves, and said, "There you are! Stitch away!"

Then the gong sounded for tea, and Sabo left them.

"I shall come back in the morning," he said, "and then we'll have some fun!"

But as soon as he had gone, the clay men with their swords began to quarrel and fight, as men so often do. It must have been a terrible battle, for they pierced one another's bodies with their swords and they cut off each other's heads—and none were left alive! The clay women wrung their hands and wept at such a sorry sight; nor had they any wish to live now that all their men were killed. So they could not have been sorry when in the middle of the night there came a great storm. The rain beat heavily down upon them, washed their heads off, and their arms and legs off, and turned them into a little heap of clay in the middle of a wet puddle.

When Sabo came back in the morning, and found them, he was sadly disappointed. "But never mind!" he said to himself, "I can easily make some more."

And so no doubt he could have done, had not the gardener arrived with his spade and wheelbarrow. He spread the heap of clay all over the rosebeds and afterwards dug it in. So the clay helped to make roses instead of men—which was perhaps just as well!

(Another Sabo story next week.)

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Edinburgh Programme.
Week Beginning Sunday, June 22nd.

SUNDAY, June 22nd.

3.0-5.30.—Programme S.B. from London.
8.30-9.0.—The Rev. T. RATCLIFFE BARNETT, Religious Address, with Hymns by the CHOIR OF GREENBANK UNITED FREE CHURCH.
9.0-10.30.—Programme S.B. from London.

MONDAY, June 23rd.

3.30-4.30.—Band of Dunedin Palais de Danse.
5.0-6.0.—CHILDREN'S CORNER.
7.0-11.30.—Programme S.B. from London.

TUESDAY, June 24th.

5.0-6.0.—CHILDREN'S CORNER.
7.0-11.0.—Programme S.B. from London.

WEDNESDAY, June 25th.

3.30-4.30.—Band of Dunedin Palais de Danse.
5.0-6.0.—CHILDREN'S CORNER.
7.0.—NEWS and WEATHER FORECAST. S.B. from London.

Mrs. ERNEST BIGLAND. S.B. from London.
Local News.

7.30. JOHN PETRIE DUNN (Solo Pianoforte).

"Le Bavolet Flottant" Couperin
Minuet and Gigue Mozart
Appendix to Symphonic Studies, Op. 13
Schumann

7.50. ANNIE HOBSON (Contralto).
"O My Harp Immortal" ("Sapho")
Gounod

8.0. John Petrie Dunn.
"Au bord d'une source" Liszt
"The Sussex Mummings' Christmas Carol"
Percy Grainger
"Shadow Dance," Op. 39, No. 8
MacDowell (4)

8.15. Annie Hobson.
"My Ships" Augustus Barratt (1)
"In questa tomba" Beethoven

8.25. John Petrie Dunn.
Prelude, Op. 28, No. 1 .. }
Impromptu, Op. 36 } Chopin
Etude, Op. 25, No. 12 .. }

8.40. Annie Hobson.
"Spiaggo amate" Gluck
"Sound the Pibroch" ... Ross and Moffat

8.47.—Prof. C. G. BARKLA, B.Sc., F.R.S., of Edinburgh University, on "Electricity and Matter."

9.7-9.15.—Interval.
9.15.—D. R. HARVEY, Elocutionist: Reading from "The Pickwick Papers"
Chas. Dickens

9.30. THE COMMUNITY PLAYERS
in
"POPLE'S EXPERIMENT."

A Comedy in One Act by R. A. Roxburgh.
Cast:

Andrew Pople D. R. HARVEY
David Heggie (A Janitor)
R. A. S. THOMPSON

Catherine (Maid) JEAN KERR
Miss Trevers ... Miss E. B. DONALDSON
Mrs. Everton ... PEGGIE BICKERSTAFF

Scene: Professor Pople's Sitting-room.
10.0.—"AIDA," Act III. S.B. from London.
10.30.—NEWS and WEATHER FORECAST. S.B. from London.

Royal Horticultural Society Talk. S.B. from London.
Local News.

10.45.—"AIDA," Act IV. S.B. from London.
11.20.—Close down.

THURSDAY, June 26th.

5.0-6.0.—CHILDREN'S CORNER.
7.0-11.0.—Programme S.B. from London.

FRIDAY, June 27th.

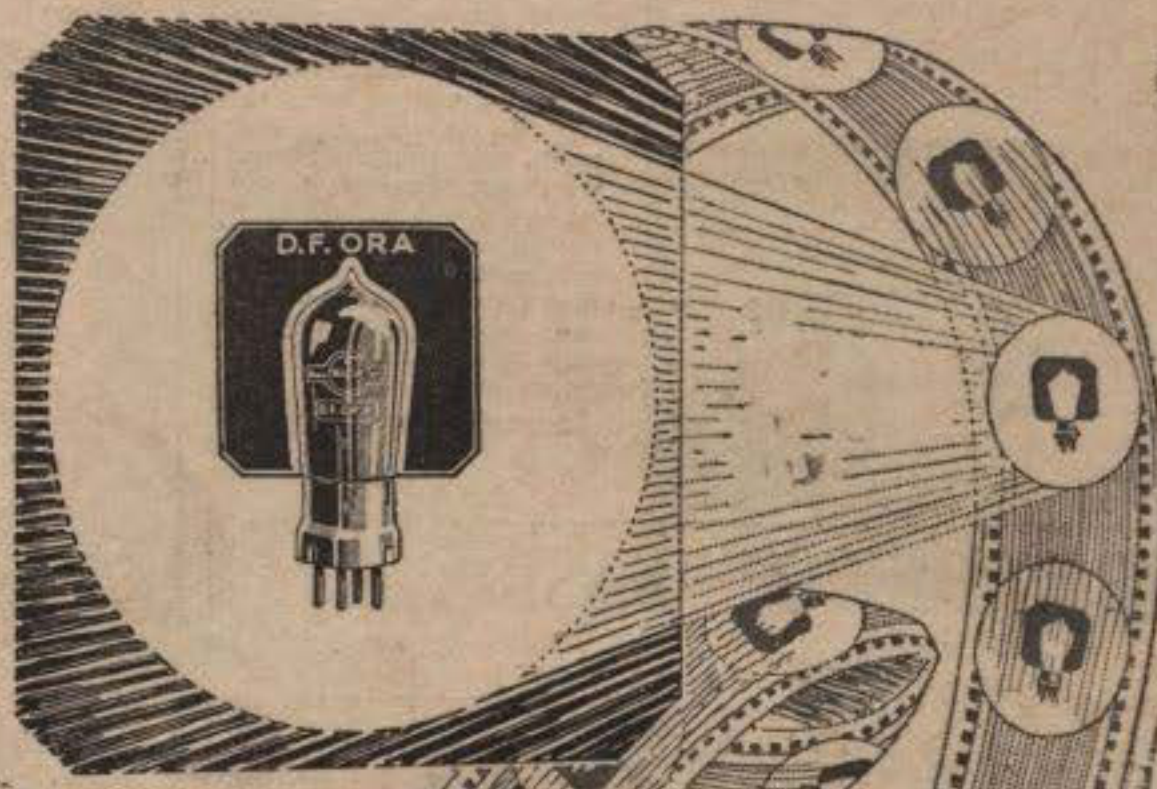
3.30-4.30.—Band of Dunedin Palais de Danse.
5.0-6.0.—CHILDREN'S CORNER.
6.0-11.0.—Programme S.B. from London.

SATURDAY, June 28th.

5.0-6.0.—CHILDREN'S CORNER.
6.0-12.0.—Programme S.B. from London.
Announcer: G. L. Marshall.

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 541.

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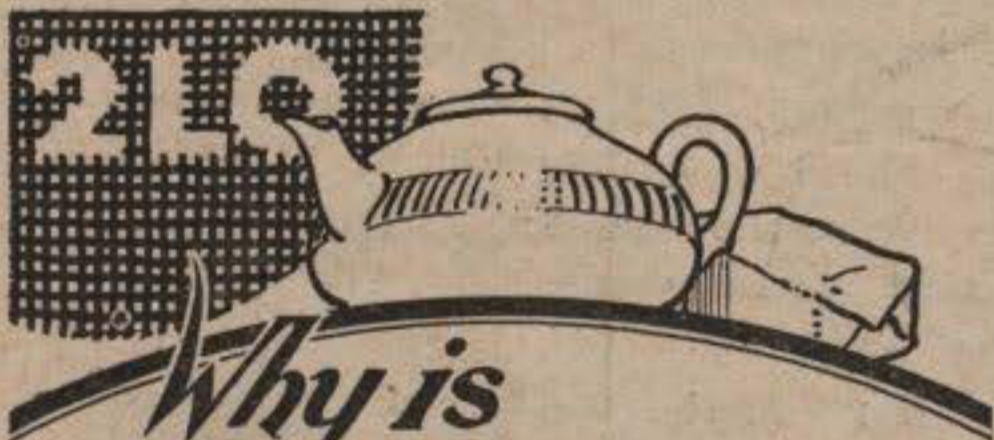
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Liverpool Programme.

Week Beginning Sunday, June 22nd.

SUNDAY, June 22nd.

3.0-5.30. } Programmes S.B. from London.
8.15-10.30. }

MONDAY, June 23rd.

4.0-5.0.—Gaillard and his Orchestra, relayed from the Scala Picture House.
5.30-6.15.—CHILDREN'S CORNER.
7.0-11.30.—Programme S.B. from London.

TUESDAY, June 24th.

4.0-5.0.—Gaillard and his Orchestra, relayed from the Scala Picture House.
5.30-6.15.—CHILDREN'S CORNER.
7.0-11.0.—Programme S.B. from London.

WEDNESDAY, June 25th.

4.0-5.0.—Gaillard and his Orchestra, relayed from the Scala Picture House.
5.30-6.15.—CHILDREN'S CORNER.
7.0-11.20.—Programme S.B. from London.

THURSDAY, June 26th.

4.0-5.0.—Gaillard and his Orchestra, relayed from the Scala Picture House.
5.30-6.15.—CHILDREN'S CORNER.
7.0-11.0.—Programme S.B. from London.

FRIDAY, June 27th.

4.0-5.0.—Gaillard and his Orchestra, relayed from the Scala Picture House.
5.30-6.0.—CHILDREN'S CORNER.
6.0-6.45 The Rt. Hon. WINSTON CHURCHILL. S.B. from London.
7.0.—NEWS and WEATHER FORECAST. S.B. from London.
PROF. A. J. IRELAND. S.B. from London.
Local News.

Popular Programme.

7.30. THE CITY OF LIVERPOOL MILITARY BAND.
Musical Director, Capt. G. W. MANSBRIDGE.
March, "The Gladiators' Farewell"
Blankenberg
Overture, "Festival".....*Leutner*
Suite, "Americana".....*Thurban*
8.0. Mrs. ROBERT WALKER (Soprano).
"The Last Waltz".....*Straus*
"Star of Fate" ("Catherine") *Tchaikovsky*
8.15. The Band.
Selection, "Chu Chin Chow".....*Norton*
Entr'acte, "Parade of the Tin Soldiers"
Jessel
Three Dances, "Henry VIII.".....*German*
Piccolo Solo, "Deep Blue Sea".....*Brewer*
9.10. HAROLD BEBBINGTON (Baritone).
"The Yeomen of England" ("Merrie England").....*German*
"Love and Wine" ("Gipsy Love") *Lehar*
9.30. The Band.
Humorous Variations on "Three Blind Mice".....*arr. Lotter*
Selection, "The Maid of the Mountains"
Fraser-Simson
Entr'acte, "Ke-Sa-Ko".....*Chapins*
10.0.—NEWS and WEATHER FORECAST. S.B. from London.
Local News.
10.15. MONTAGUE FOSTER, in Song and Humour.
"I Want to Go To-Morrow".....*Lew Sully*
"Mistress Bidy Was a Giddy Little Widdy".....*E. Montagu*
"When You Are Up in the World"
Scott and Cotes
"Trifling Occurrences".....*Lynne*
10.30.—Close down.

SATURDAY, June 28th.

4.0-5.0.—Gaillard and his Orchestra, relayed from the Scala Picture House.
5.30-6.0.—CHILDREN'S CORNER.
6.0-12.0.—Programme S.B. from London.
Announcer: H. Cecil Pearson.



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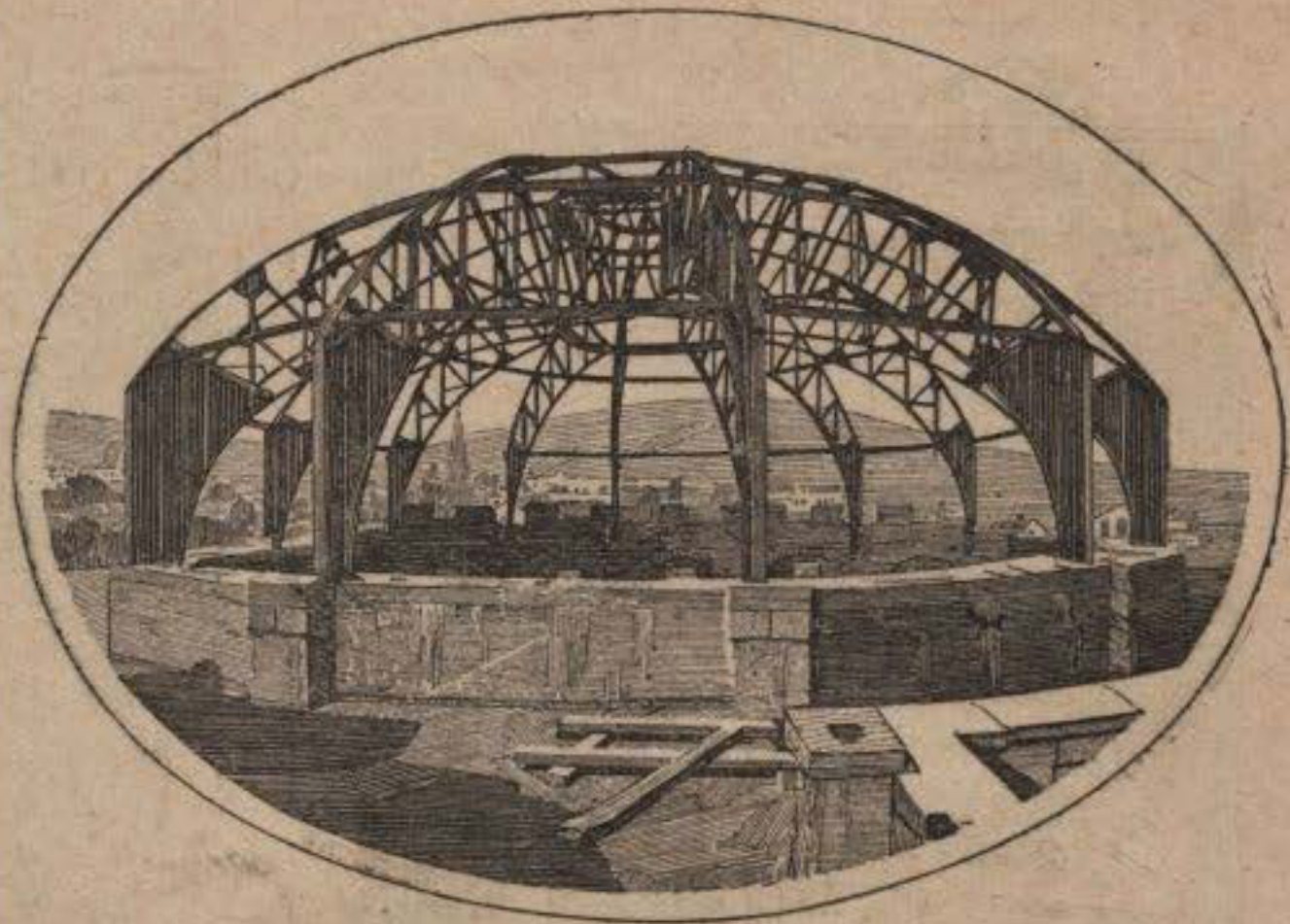
If unable to obtain locally, write, giving name and address of your dealer to A. J. Mills & Co., Ltd., 14, Tooley St., London, S.E.1.
 A. & P.S.—8.

Plymouth Programme.

Week beginning Sunday, June 22nd.

SUNDAY, June 22nd.

- 3.0-5.30. } Programmes S.B. from London.
 8.15-10.30. }
- MON. and TUES., June 23rd and 24th.**
 3.30-4.30.—Savoy Picture House Orchestra,
 Conductor, Albert Hosie.
 5.30-6.30.—CHILDREN'S CORNER.
 7.0-11.30.—Programme S.B. from London.
- WEDNESDAY, June 25th.**
 3.30-4.30.—Savoy Picture House Orchestra,
 Conductor, Albert Hosie.
 5.30-6.30.—CHILDREN'S CORNER.
 7.0.—NEWS and WEATHER FORECAST.
S.B. from London.
 Mrs. ERNEST BIGLAND. *S.B. from London.* Local News.
 7.30-8.0—Interval.
- Local Concert.**
 8.0. FRANK EDWARDS (Solo Pianoforte).
 "The Harmonious Blacksmith".....Handel
 Prelude and Fugue in C Sharp.....Bach
 Prelude in F, No. 23 } Chopin
 Ballade in A Flat }
 "FLORA'S HOLIDAY."
 Quartette (*H. Lane Wilson*) (1)
 Arranged by HARRY MORETON,
 Borough Organist of Plymouth.
 FLORENCE HOYTEN (Soprano).
 PHYLLIS CHADNEY (Contralto).
 ALEX. SANDERS (Tenor).
 HUBERT GRANT (Bass).
 Quartette, "Come, All Ye Lads and Lassies."
 Soprano, "Shepherdesses, Pretty Lasses."
 Tenor, "Tell Me, Charming Creature."
 Quartette, "Gentle Dawn Steals Over the
 Mountain."
 "The Country Dance."
 Contralto, "Maidens, Beware Ye, Love
 Will Ensnare Ye."
 Bass, "Sound Argument."
 Quartette, "The Pedlar."
 Finale, "O, Love Puts 'Em All in Com-
 motion."
 LAVILETTE (Entertainer).
 "An Eastern Story"..... *Nelson Jackson*
 "A Prospective Member of Parliament
 Making his First Speech"..... *Lavilette*
Florence Hoyten.
 "Meadowsweet"..... *May Brahe* (5)
 "The Dawn is a Wonderful Fairy"
Gerald Phillips
 Hubert Grant.
 "Young Tom o' Devon".....*Kennedy Russell*
 "Chip of the Old Block"..... *Squire*
 Frank Edwards.
 "Ragamuffin" *John Ireland*
 Two Arabesques }
 "Jardins sous la Pluie" } *Debussy*
 Phyllis Chadney.
 "Love's Old Sweet Song" *J. L. Molloy* (1)
 "Mifanwy" *Dorothy Forster*
 Alex. Sanders.
 "In Springtime"..... *Gounod*
 "Mary" *Richardson*
 Lavilette.
 "A Few Crystallized Cameos" *arr. Lavilette*
 "The Curate" *Lavilette*
 10.0-11.20.—Programme S.B. from London.
- THURSDAY, June 26th.**
 3.30-4.30.—Savoy Picture House Orchestra,
 Conductor, Albert Hosie.
 5.30-6.30.—CHILDREN'S CORNER.
 7.0-11.0.—Programme S.B. from London.
- FRIDAY, June 27th.**
 3.30-4.30.—Savoy Picture House Orchestra,
 Conductor, Albert Hosie.
 5.0-6.0.—CHILDREN'S CORNER.
 6.0-11.0.—Programme S.B. from London.
- SATURDAY, June 28th.**
 3.30-4.30.—Swarthmore Hall Orchestra (Mus-
 ical Director, Thomas Ash). The Rt. Rev.
 Dr. MASTERMAN, Bishop of Plymouth,
 on "The Workers' Educational Associ-
 ation," and Mrs. BARBARA WOOTON
 (National Debt Committee), on "Workers
 and Education," at the Celebrations of the
 Workers' Educational Association, relayed
 from the High School, Plymouth.
 5.0-6.0.—CHILDREN'S CORNER.
 6.0-12.0.—Programme S.B. from London.
 Announcer: Clarence Goode.



A useful lesson from Steelwork

IN Capetown University there has been erected a wonderful dome—the steelwork for which is shown above. High above the city, overlooking the harbour, catching a glint of the sun, this new building is a splendid example of British workmanship overseas, coupled to sound engineering skill. Observe the clever way in which perfect rigidity is obtained without an ounce of undue weight. For in such an erection, the safety of the whole building—and maybe that of the hundreds of human beings inside—depends on the rigidity and sturdiness of the hidden framework.

This rigidity, which is so important to constructional engineers, is really just as important to Valve users if they would only just appreciate a few simple facts.

The Grid of a Valve is placed between the filament and the Anode to catch a percentage of the electron stream. In most valves with straight filaments it usually consists of a simple spiral of wire. In the Cossor, on the other hand, it is actually built up on a special band of nickel and is hood-shaped,

each wire being securely anchored in three distinct places. The result being a Grid of extraordinary rigidity.

Owing to this skilful piece of miniature engineering, the Cossor Valve is entirely free from microphonic noises (often so distressing when the Loud Speaker is used). If, for instance, you should knock your Set when the Valves are alight, and a banjo-like noise is produced, your Valves are microphonic and you will never obtain really pure music.

The only remedy is to substitute Cossor Valves—for no other Valve can give the same satisfaction under such exacting conditions.

This is only one of the many exclusive advantages offered by Cossor Valves. Any Wireless expert will tell you that there are no better Valves made.

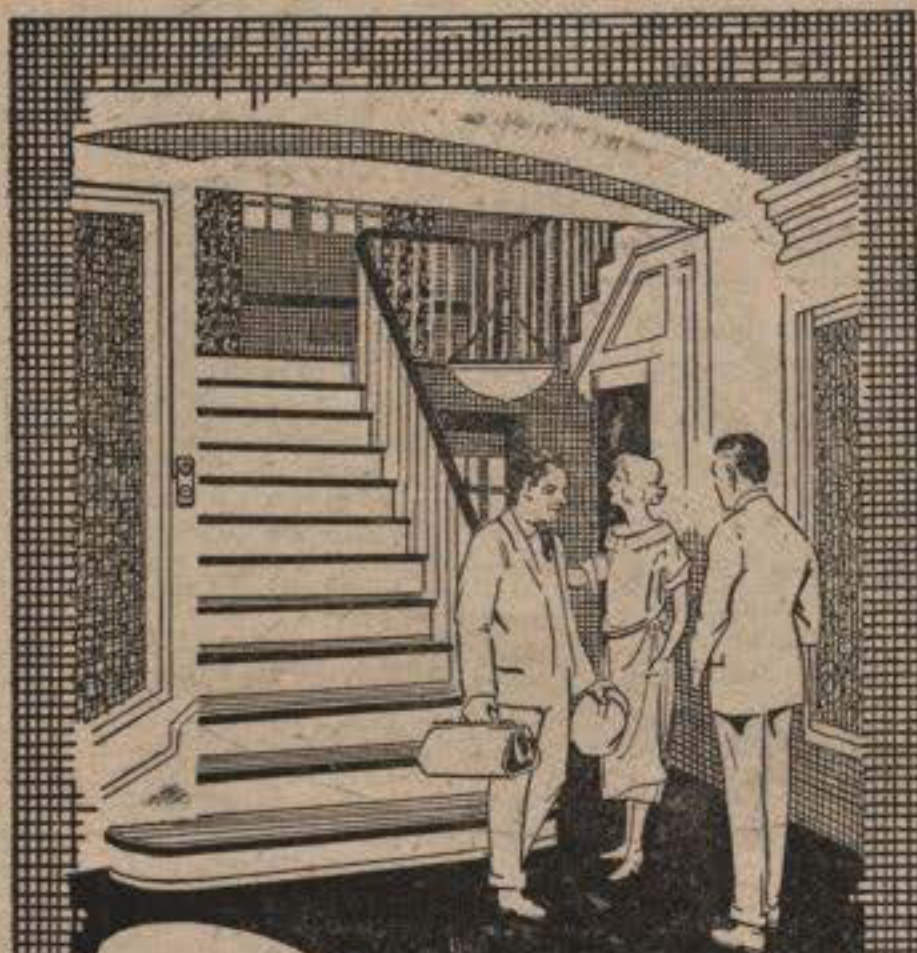
Manufactured in two types:
 P.1. (For Detector and L.F. use) 12/6
 P.2. (With Red Top) For H.F. use 12/6



Cossor Valves

Advertisement of Cossor Valve Co., Ltd., Highbury Grove, London, N.5.

Gilbert Ad. 922.



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Thus says the lady of the house before the "Kaleeco" wireman takes his departure.

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Kaleeco
WIRING
SYSTEM

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Tel. No. Central 8903.



*"In the Evening
by the Moonlight"*

.... a sweltering evening succeeds a broiling day languid hands lay down racquets with small regrets over all the hush of summer Luna tips the treetops with silver.

Such is the ideal setting for an Ericsson 3 or 4-valve set and a "Super Tone" Loud Speaker—wireless at its very best. These splendid sets are the last word in receivers specially built for outdoor loud speaker work—maximum volume plus the last degree of clarity—no distortion, no resonance and any broadcasting station in the country within range.

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Dublin.
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VALVE
SETS



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Sheffield Programme.
Week Beginning Sunday, June 22nd.

SUNDAY, June 22nd.

3.0-5.30. } Programmes S.B. from London.
8.15-10.30. }

MONDAY, June 23rd, and WED., June 25th.

3.30-4.30.—Programme S.B. from Manchester.
5.30-6.30.—CHILDREN'S CORNER.
7.0 onwards.—Programme S.B. from London.

TUESDAY, June 24th, and THURS., June 26th.

3.30-4.30.—Orchestra directed by Thos. Gal-
lagher and Organ Recital by J. W.
Strickland, relayed from the Albert Hall.
5.30-6.30.—CHILDREN'S CORNER.
7.0-11.0.—Programme S.B. from London.

FRIDAY, June 27th.

3.30-4.30.—Programme S.B. from Manchester.
5.30-6.0.—CHILDREN'S CORNER.
6.0-6.45.—The Rt. Hon. WINSTON
CHURCHILL. S.B. from London.
7.0.—NEWS and WEATHER FORECAST.
S.B. from London.
Prof. A. J. Ireland. S.B. from London.
Local News.
7.30. PIANOFORTE QUINTETTE.

Under the Direction of COLLIN SMITH.
"Allegro ma non tante" Dvorak
"A la Minuet" Herman Finck
"A la Gavotte"
ENA ROBERTS (Contralto).

"Caro Mio Ben" Giordini
"Down in the Forest" Landon Ronald (5)
COLLIN SMITH (Solo Cello).

"Alsatian Melody."
"Tarantelle" Popper
HAROLD BUXTON (Elocutionist).
"The Aristocrat" H. Wynne (33)
THE STATION STRING QUARTETTE.
Andante and Variations from No. 5, Op. 18
Beethoven

DORIS HITCHENER (Soprano).

"Over the Mountains"
(1570—From Percy's Reliques)
"Gather Ye Rosebuds While Ye May"
(1532-1695—W. Laves)
"Moonlight" Katie Moss
Pianoforte Quintette.
"Miniature Suite" Eric Coates (1)
"Castillane" from "Le Cid" ... Massenet
"Swedish Sketches" Oscar Petras
Ena Roberts.
"Nobil Signor" Meyerbeer
"Still as the Night" Bohn
Collin Smith.

"Spanish Serenade" Friml
"Aria" Bach
Station Quartette.
Finale from Quartette in C Major ... Mozart
Doris Hitchener.

An Eriskay Love Lilt .. Kennedy-Fraser (1)
"A Lament" Coleridge-Taylor
"My Heart" Randegger
Pianoforte Quintette.

"Gavotte Minuet" Massenet
Minuet Boccherini
Harold Buxton.

"A Village Presentation"
Graham Squires (13)

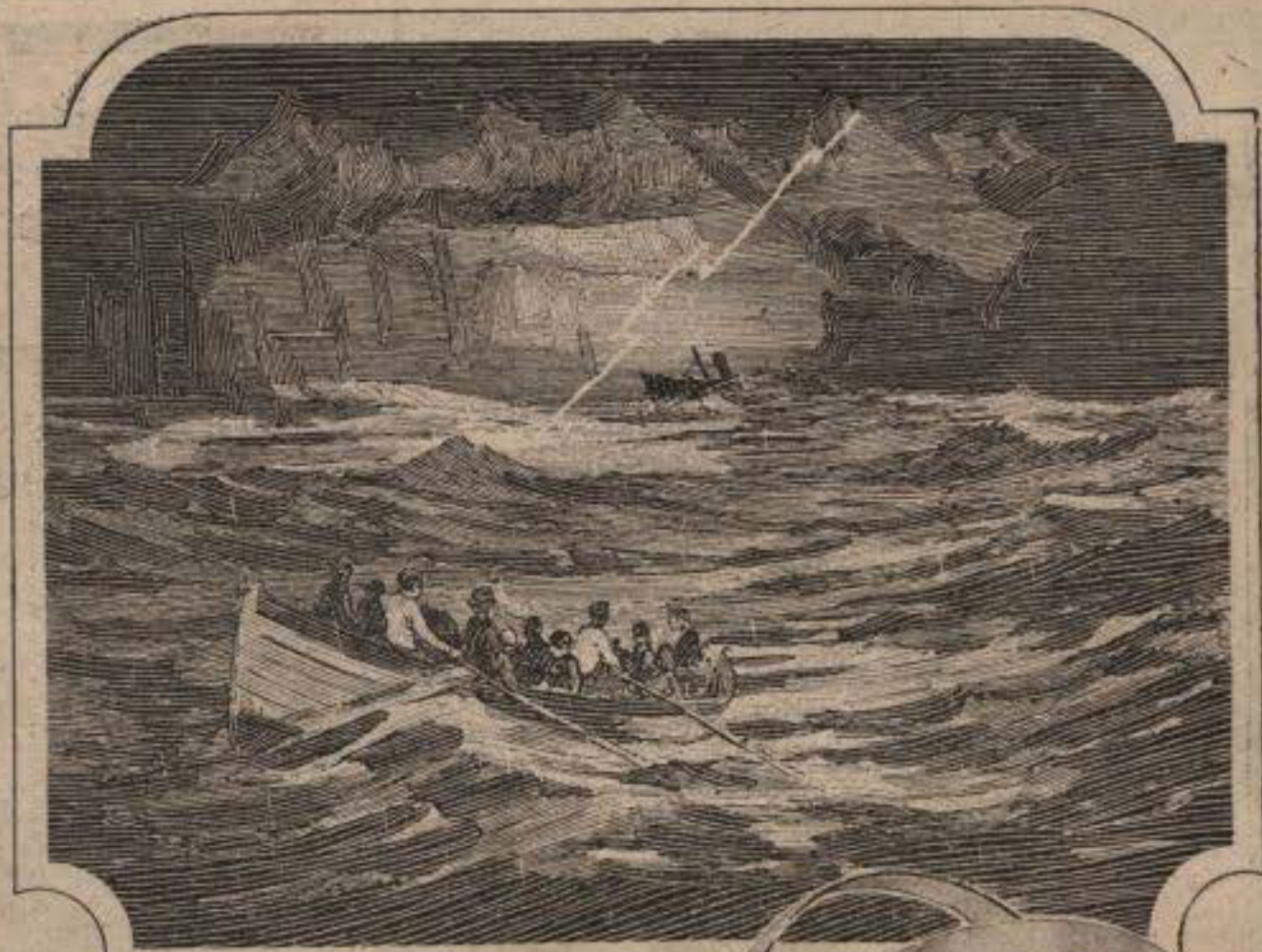
10.0.—NEWS and WEATHER FORECAST.

S.B. from London.
Local News.
Ena Roberts.
"I Heard You Go By" Wood (5)
"For You Alone" Geehl
"Ombra mai fu" Handel
Station Quintette.
Suite, "Summer Days" Eric Coates
Selected.
Doris Hitchener.
"One Fine Day" Puccini
"La Serenata" Braga
"Songs My Mother Taught Me" ... Dvorak
Station Quintette.

10.30.—Close down.

SATURDAY, June 28th.

3.30-4.30.—Orchestra directed by Thos. Gal-
lagher and Organ Recital by J. W.
Strickland, relayed from the Albert Hall.
5.30-6.0.—CHILDREN'S CORNER.
6.0-12.0.—Programme S.B. from London.
Announcer: H. C. Head-Jenner.



S.O.S.

—and it is ten
chances to one
that the call will
be picked up on

Brown Headphones.



S.O.S.

Known all over the world as the signal for urgent help, the S.O.S. takes precedence over all other calls. Indeed, it is customary for all ships in that area to stop transmitting immediately an S.O.S. is heard. A number of American Broadcasting Stations were closed down for an hour recently to avoid risks of interfering with the reception of an S.O.S. call being transmitted from a ship sinking in the Atlantic.

WHEN sheer dependability and extreme sensitiveness to long distance signals are of paramount importance, it is a significant fact that **Brown A-type Headphones** are invariably selected.

For instance, sea-going wireless operators, knowing that the lives of their fellow passengers may be dependent upon the reliability of their equipment, are probably the largest users of these famous Headphones. Long years of experience have taught them that those qualities of sensitiveness, comfort and reliability cannot be obtained with any other make.

The wireless enthusiast who sets a store on the perfection of

his Receiving Set will not rest until he numbers at least one pair of **Brown Headphones** among his equipment.

Types D and F, although more simple in construction and lower in price, are still manufactured under typical **Brown** supervision and with the same regard for accuracy of workmanship and high-grade finish.

The **Brown Featherweight** (type F) has obtained a very considerable measure of popularity among those who desire a quality Headphone at a popular price. Its weight (6 ounces including cords) renders it particularly suitable for children and ladies.

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4,000 ohms - -	25/-
D-type	
120 ohms - -	48/-
4,000 ohms - -	52/-
A-type	
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4,000 ohms - -	62/-
8,000 ohms - -	66/-

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Exceptionally strong frame, long steel-coppered springs in the back, seat, and front edge. Bold, broad, heavily upholstered arms, with an extra deep seat and double bordered front. The seat also has an independent front edge which adds greatly to the life of the chair and resiliency of the springs.

CASH PRICE **85/-** or 15/- with order, and 5 payments of 15/- monthly.



BERKELEY CHESTERFIELD

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is constructed on precisely the same principles as the Berkeley, with deep springs in the seat, back, and front edge. It will give the greatest satisfaction in wear and is especially suitable for use in small rooms.

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Instantaneously adjustable without releasing any screws

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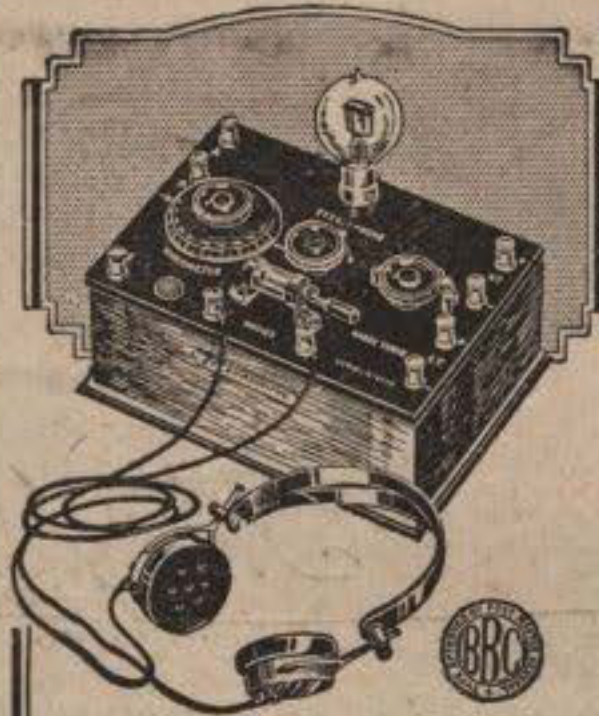
Satisfied customers say: "They are the loudest and most comfortable 'phones made."

Have you tried the Revo Loud Speaker? The Senior Speaker at the Junior Price.

Makers of the famous "Revophone" Crystal Receiving Set—the set that started half Britain listening-in—Crystal Valve Sets, Two-Valve Sets, One and Two-Valve Amplifiers, Loud Speakers, Patent "One Man" Telescopic Mast, etc.

From all Dealers or direct from the Manufacturers—

The **CABLE ACCESSORIES CO., LTD., TIPTON, STAFFS.**
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No matter where you live **You are within range** of your nearest Broadcasting Station if you instal an **Efescaphone "ST. VINCENT" CRYSTAL-VALVE**

model wireless receiving set (illustrated). The one-valve St. Vincent set will work a loud speaker within a radius of from 10 to 15 miles from a Broadcasting Station, while a two-valve set will do so within a radius of from 30-40 miles. Both sets give maximum telephonic signal strength over the whole range of broadcasting wavelengths.

The **"St. Vincent" Model.**

Prices complete, except valves:

Crystal-one-valve - - £11

Crystal-two-valve - - £15

Plus B.B.C. tariff extra.

The modest price of this new model Efescaphone brings the pleasure of listening-in within the reach of those who do not wish to pay the higher prices of more elaborate sets.

From all Wireless Dealers, Ironmongers, Stores and Electricians.

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In the Wireless Telegraph Service the commencing salary at the present time is about £97 per annum, plus free maintenance on board Ship, which makes the total remuneration approximately £150 per annum, and Operators when qualified by holding the Postmaster-General's Certificate of Proficiency are nominated by the College for appointments of which there are a considerable number available at the present time. Positions are also obtainable in the Royal Air Force.

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The Acme No. 1 Crystal Set, offered at 22/6 (including B.B.C. Royalty), has been designed for the special use of the amateur who has no technical knowledge of Wireless but merely desires to get the best listening-in results at the minimum of expense and without loss of time.

It consists of a neat polished mahogany cabinet, enclosing all parts except terminals and the variometer knob. All metal parts nickel-plated.

Its chief attractions are its wonderful clearness and its selectivity; it picks up, without interference or any distortion whatever, messages up to 40 miles.

Descriptive Catalogue of Acme Wireless Sets and Accessories sent gratis.

The **ACME Production Co., Ltd.,** Smethwick, Birmingham.

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THE RUNBAKEN BATTERY CHARGER,

MODEL A.C.1, makes it possible to keep a large number of accumulators in a fully charged state at a practically negligible cost.

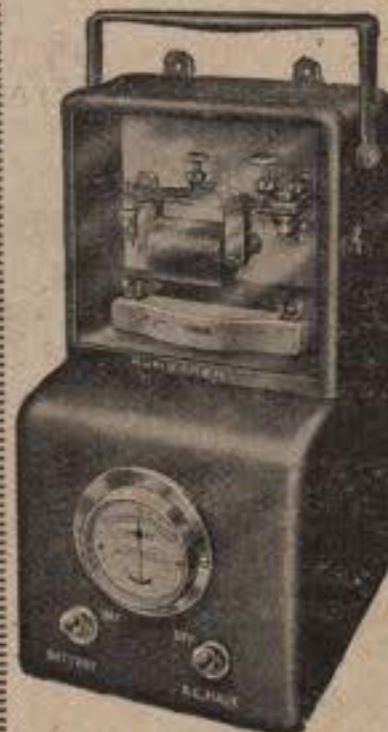
At 6 volts it gives a constant charging rate of 5-6 amps., and consumes no more current than an ordinary house lamp.

Solid construction and handsome finish in enamel and nickel plate.

Price **£7-10-0** Carriage Free. (MADE AT MANCHESTER)

Self-adjusting and easy to operate, simply connect to lamp holder. Ideal for Radio Societies. May be purchased on deferred terms.

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BRISTOL, 14 Colston St.
GLASGOW, 367-369 St. Vincent St.
DUBLIN, 17 Clare St.
PARIS, 40 Rue Brunei
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The Amplion Pedigree

- In 1887** .. Mr. Alfred Graham demonstrated the first practical Loud Speaker.
- In 1893** .. GRAHAM Loud Speakers placed upon the market.
- In 1894** .. First used in the British Navy. Transmitters applied to Phonographs for Loud Speaker reproduction. Demonstrations by Prof. McKendrick at the Royal Society.
- In 1896** .. Naval Telephones developed and adopted by the Admiralty.
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- In 1902** .. Complete Loud Speaker installations on central battery plan erected on warships as sole means of communication.
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- Onwards** .. Graham Loud Speakers applied to all sorts and conditions of service at home and abroad, ashore and afloat.
- To 1919** .. No less than 12,000 ship installations carried out.
- In 1920** .. "AMPLION" Loud Speakers produced for Wireless and "AMPLION" Trade Mark registered.
- In 1922** .. "AMPLION" standardised by leading manufacturers of radio apparatus

—the Reason Why the "AMPLION" is undeniably the finest Radio Loud Speaker and recognised as the World's Standard.

It will be seen that the "AMPLION" is not merely produced to meet a sudden demand, but is the result of years of experience in Loud Speaker design and construction.

The special features of the "AMPLION"—its rubber-insulated sound conduit and oak or mahogany trumpet—resulting in a complete absence of resonance and "tinniness" so noticeable in most Loud Speakers—are details only to be found in the World's Standard Wireless Loud Speaker.

Associated with a suitable receiving set the "AMPLION" affords "Better Radio Reproduction."

WRITE FOR FOLDER W.N.

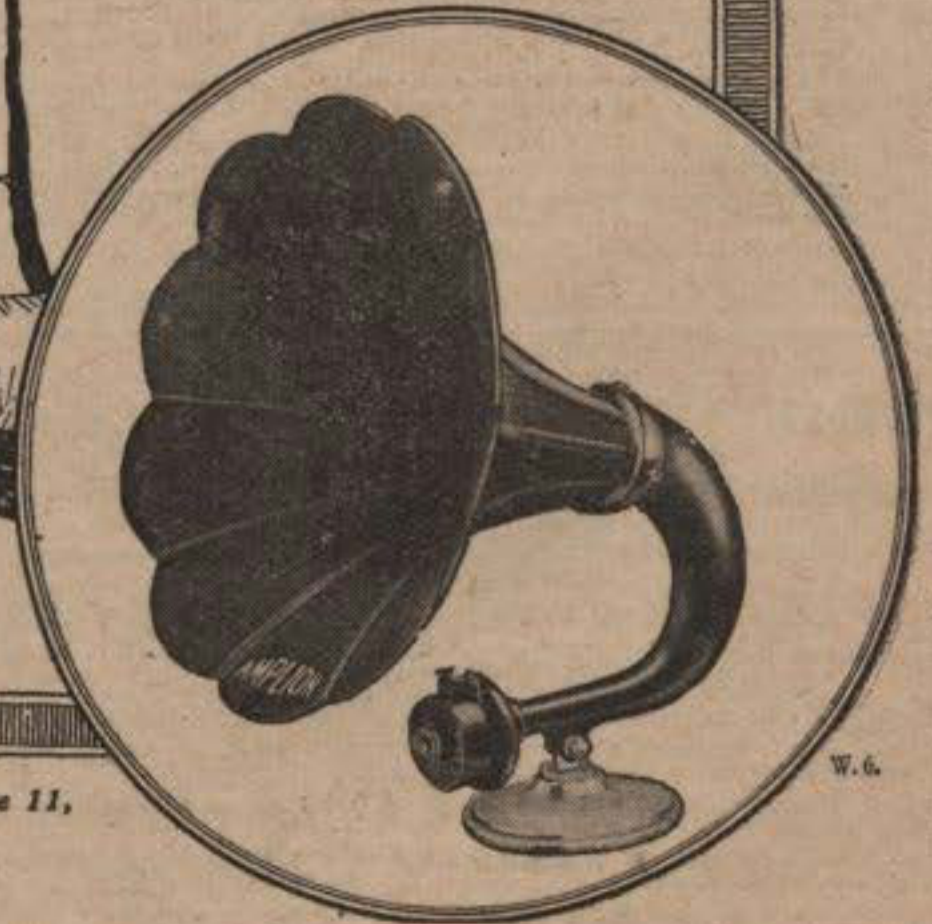
ALFRED GRAHAM & CO.,
St. Andrew's Works,
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Phone—Sydenham 2820-1-2.
Grams—Naval Road, Catgreen, London."

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W.6.

NOW THAT YOU ARE DOING AWAY WITH FIRES

BOYLE'S PATENT WATER HEATER

will provide ALL HOT WATER for bath or sink WITH OR WITHOUT GAS

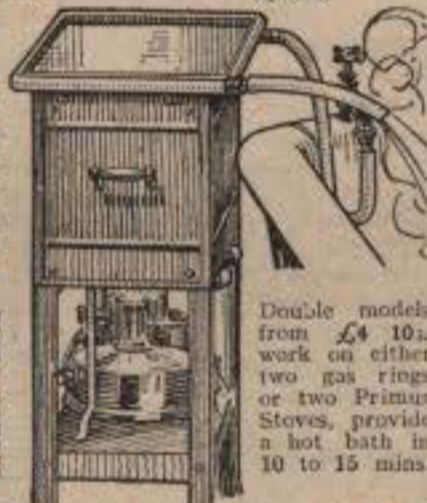


Single models, from 45/- work on special gas ring (which can be run from the bath-room lighting) or, if no gas, will work on Primus Stove, provide a hot bath in 20 to 25 minutes.

All models are provided with rubber tube and union which can be connected to any water tap.

Practically no fixing is required.

They are portable and can be used over the sink all day, and transferred to the bathroom when required.



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THE "OGO-POGO"

THE FUNNIEST SONG FOX-TROT EVER WRITTEN.

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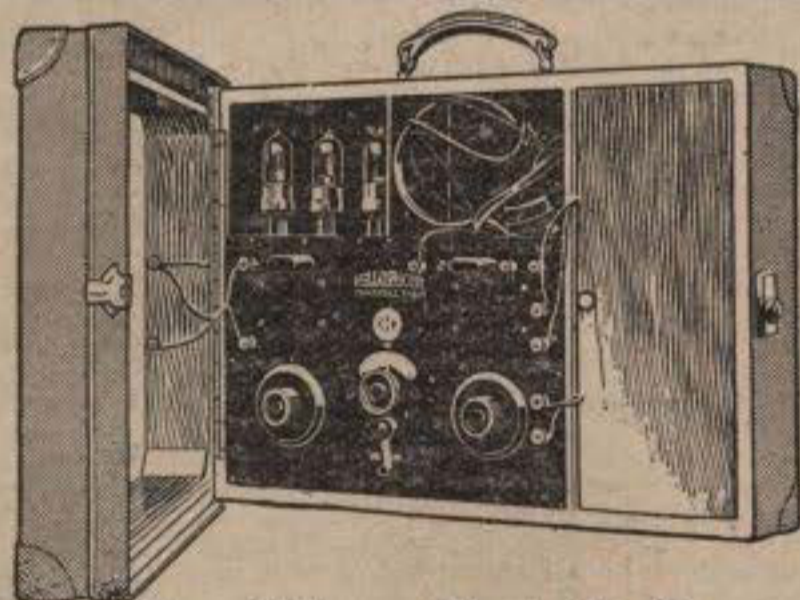
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The wireless correspondent of "The Glasgow Herald" paid an informal visit to one of the Burndept Factories recently. His remarks published in "The Glasgow Herald" are interesting.

WIRELESS

BY OUR WIRELESS CORRESPONDENT.

A Wireless Factory.

At the close of the week before last the writer paid a visit to the Burndept Works at Blackheath from which a large proportion of the better-class wireless apparatus in use by the amateurs of the United Kingdom is issued. Burndepts have also a very large outside connection, notably in Canada, Italy, and Spain, and an idea of the esteem in which their components are held in the Services may be gathered from the fact that a Burndept measurement certified by the chief engineer at the Blackheath Works is accepted by the instrument-testing department of the Admiralty without question—a distinction accorded to only one other firm. This is not to be wondered at when the almost unbelievable delicacy and precision of the measuring apparatus at Blackheath is taken into account. The writer lays stress upon this point because its importance to the wireless amateur is far greater than is commonly imagined. A wireless component may look very well, and may even work very well—after a fashion—but in a good few cases it may be not only a dishonest component, but also a positively dangerous one to use for any but rough-and-ready purposes, simply because it is only approximately accurate. It was gratifying, therefore, to note the meticulous care taken at Blackheath to justify the firm's hard-won reputation for precision of measurement, in addition to the other attributes which make for the popularity of its products.

Very cheap apparatus, of course, cannot be made on these lines, but one of the troubles of wireless is that even expensive components are sometimes not altogether honest in this matter of accuracy. The standard set and maintained by rigid inspection and repeated test must be high to enable experimental work to be done with confidence. In his own comparatively small practice the writer has always taken the markings on Burndept instruments "as read" but he will place still more implicit trust in them after what he saw of the making and testing of apparatus at Blackheath. Incidentally, even the most exigent amateur investigator of wireless problems may rest assured that what is good enough to the scientific branch of the Navy will be good enough for him!



Research and Manufacture.

At the Burndept Works research and production go on side by side. Under the immediate supervision of the chief engineer there are an electrical laboratory and a workshop with some beautiful tools, including of course, various lathes, both large and of the watchmakers' pattern, and there is a fully equipped experimental sending and receiving station. The writer was particularly interested in the transition stage between research and actual manufacture, in which an instrument or set which has been experimentally proved to be satisfactory is, so to speak, set up in the rough, in order that every chance of failure may be explored, and every possible modification for the better introduced. The amount of searching criticism and helpful suggestion brought to bear at this stage was evidenced in various ways, and convincing proof was afforded of the desire to produce gear that is proof against even hole-and-corner scrutiny. Turning to the manufacturing department, it was instructive to observe that even such minor accessories as small cheese-headed metal screws are turned out on the premises, doubtless in order to make sure of the absolute uniformity needed to render the process of assembling as certain and expeditious as possible. The engraving room was very attractive, several of the well-known Taylor, Taylor and Hobson machines being installed. Burndept panels are always exceptionally well engraved, and the writer was shown a piece of ivory on which the name of the firm was beautifully engraved in letters so small as to be quite illegible without the use of a fairly strong magnifier.

Wiring.

The modern system of wiring with straight lengths of stiff wire is very effective if properly carried out, but it needs very careful manipulation and, of course, first-class soldering. The latter is neatly and quickly done with electric soldering irons, and it was interesting to note how thoroughly the joints were tested in the testing-room. As an example of the attention given to details it may be mentioned that, in the case of one particular connection of one particular set, it was noticed that absolute rigidity in the wire might result in an undue strain, and accordingly for a space of about half an inch, it is coiled into a spring, which gives, simply and effectively and with the minimum loss of space, the "play" desired.

Coil-winding.

This is in no sense a description of the Burndept works, but only a scrappy allusion to an informal visit, and there are many features which there is not space here even to mention. But a word should be given to the manufacture of coils, in which the firm has always specialised. The winding is done by girls, with the help of winding machines of beautiful construction, and the process is a fascinating one to watch. The combination of mechanical accuracy and manual dexterity is both attractive and convincing, the actual winding only taking a very few minutes and producing a coil which is already quite rigid and compact before being passed on to be taped and mounted. Some No. 1000 coils had recently been completed, and these seemed sufficiently "hefty," but a 1500 one is made for special purposes, and at the other scale the recently produced series of low-wave coils enables KDKA and other 100 m. stations to be brought in with a good margin.

Straight Circuits.

The writer was naturally gratified to find his own views on circuits endorsed by such experts as those he met at Blackheath. The latter, as a matter of course, had tried out the various super-circuits, and readily admitted that, in competent hands and properly constructed, some of them gave remarkable results. But they had not yet found any which for combined trustworthiness and efficiency could compete with the simple and straight-forward one which they embody in their sets, and which is essentially the "tuned anode" type familiar to every experimenter. When one considers the immensely varied and also very exacting class of workers for whom a firm like Burndepts have to cater it is a singular tribute to the merits of the "straight" circuit that they should have adhered to it so faithfully. At the same time it must be remembered that on this sound basis they have introduced and keep on introducing various little improvements and "niceties" of arrangement and construction which make their version of "tuned anode" a somewhat exceptional one. In particular, they are now dealing with amplification by means of small power valves, and the cleverness with which these important aids to efficiency are being "worked-in" along with a variety of other extremely up-to-date and practical accessories, helps to keep the Burndept output not only "standard" in the best sense of the term but also as fully abreast of the times as the most progressive worker who is not at the same time a restless crank could desire.

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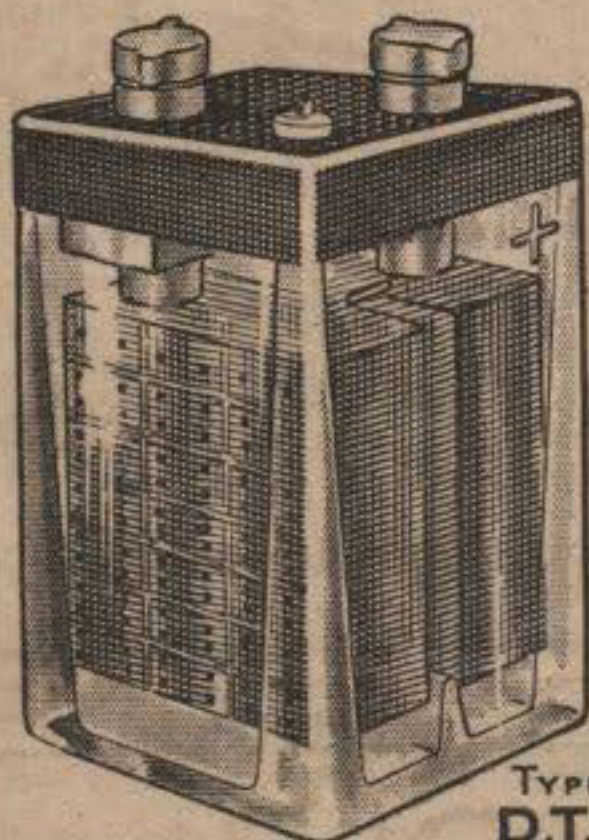
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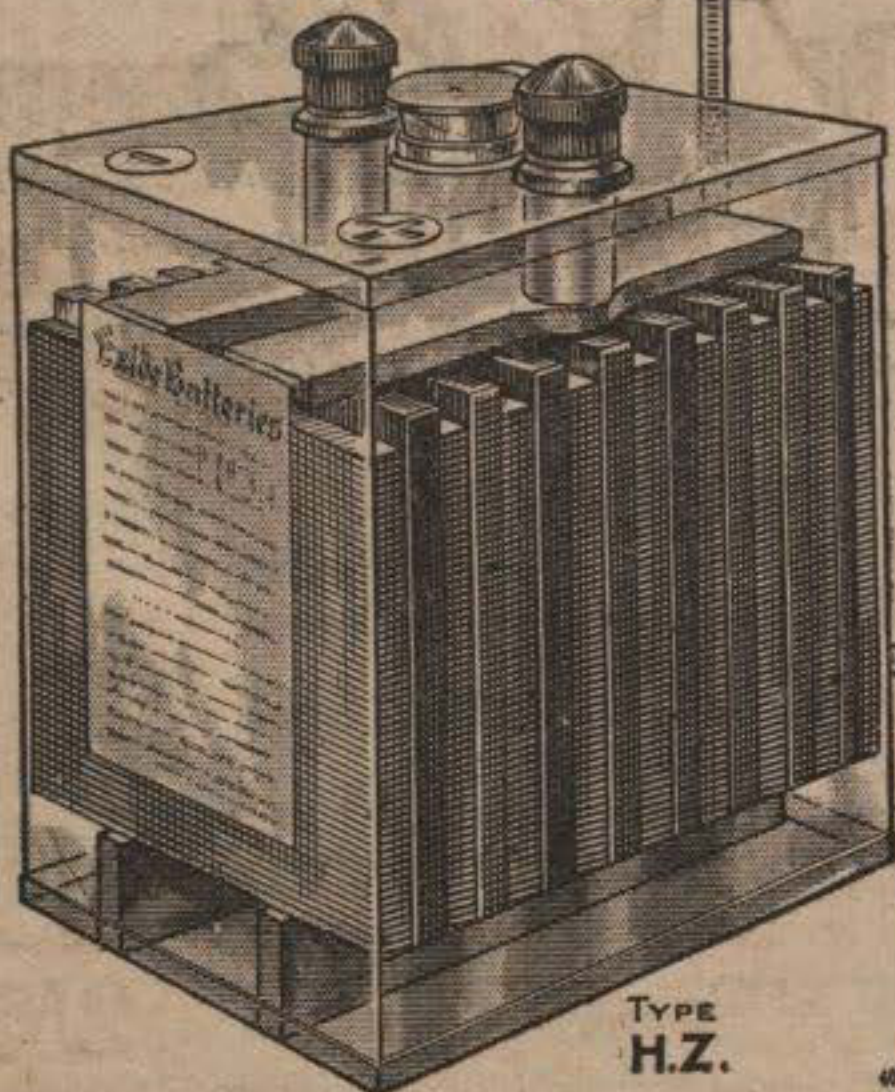
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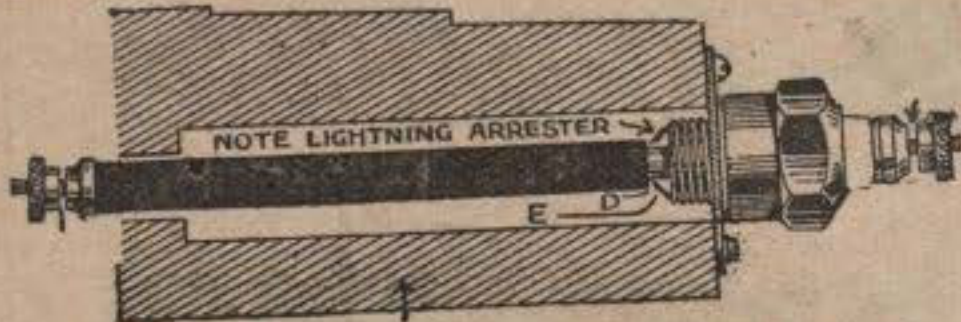
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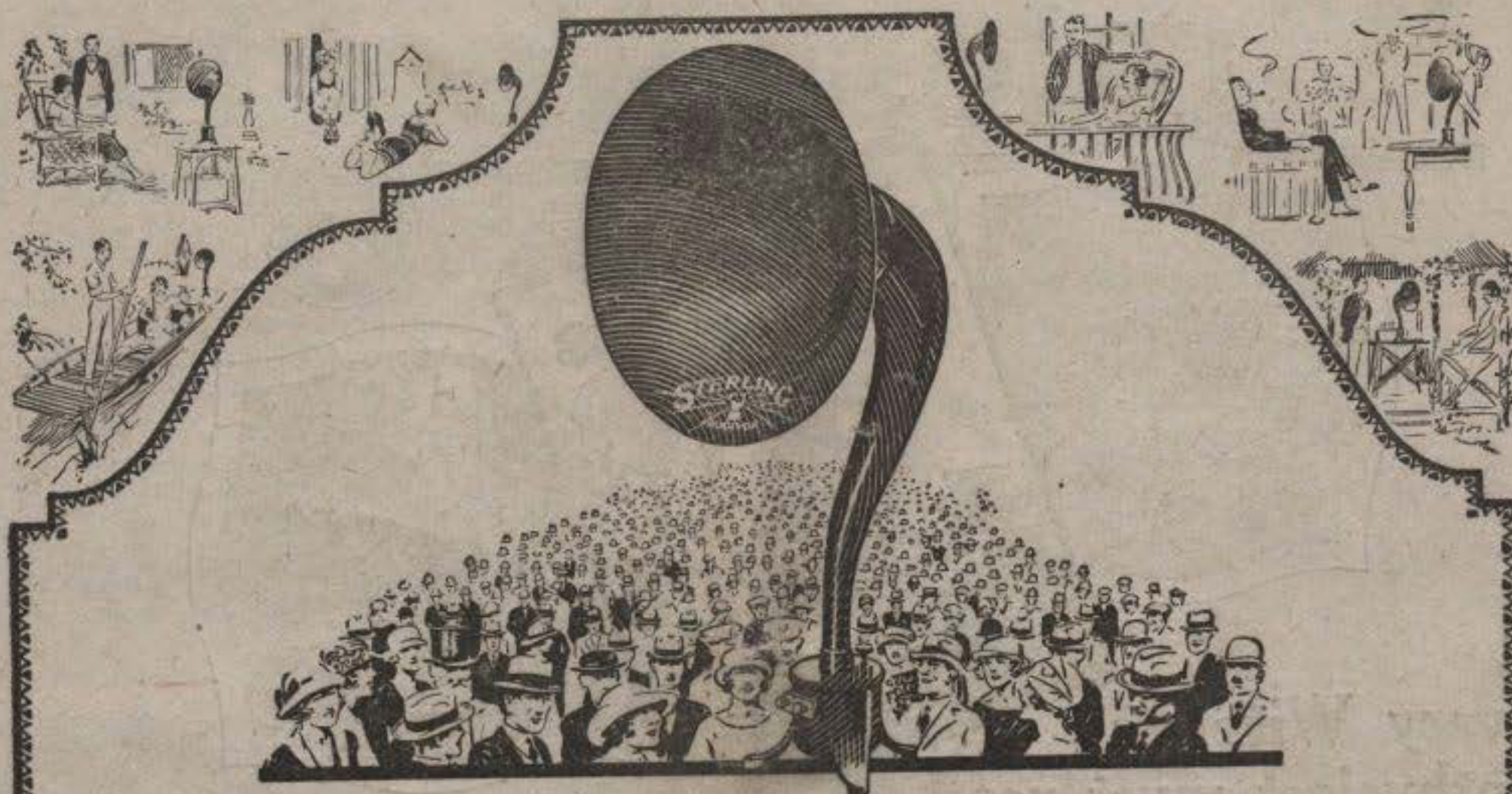
Wireless Weekly has always been famed for its thoroughly practicable constructional articles. Here are some taken at random from recent issues: How to make a simple Short Wave Receiver. A practical Neutrodyne. A Wavemeter. A Cabinet 3-Valve Receiver. The Omni-Circuit Receiver. A Power Amplifier. An improved S.T. 100 Receiver. The Reinartz All-Wave Receiver. A Double-reaction Receiver. And very many others. If you are thinking of making up a Set read *Wireless Weekly*—you are certain to find a good selection to choose from.

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