

NEW SCHEMES FOR RADIO HUMOUR.



THE OFFICIAL ORGAN OF THE B.B.C.

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EVERY FRIDAY.

Two Pence.

OFFICIAL PROGRAMMES

for the week beginning
SUNDAY, November 15th.

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IMPORTANT WE HEADERS

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The World On One Valve!

By P. P. ECKERSLEY.

I READ so much of sets, which can give very loud signals, or can still hear very distant or weak stations. I read, in fact, so much of sensitivity that I sometimes feel I read little sense. Why is it that all must be praising sets in terms of quantity rather than quality? Why are sets which "hear" America on the fewest of valves held up to our admiring eyes?

I would, if I were a despot, forbid the use of a set which had not a sufficient factor of safety. I would forbid the set, not because I wish to stop anyone doing anything he liked, but because of the interests of the majority. It does not become anyone to interfere with other people's liberty; we should all be allowed to do exactly what we like, so long as we don't interfere with the liberty of others. We drive on one side of the road only out of consideration for others; if we were alone on the road, it would be a foolish rule that made us take one side or the other. Liberty should be the only thing worth having. Liberty, however, can only be secured by service. And the greatest disservice you can do your neighbour, the cause of broadcasting and yourself, is to think that you have the liberty to use any set you like.

I write naturally to appeal to all to refrain from making their sets oscillate. I have been depicted every now and again with lethal weapons searching with a livid face for oscillators. My friends malign me. I have the utmost sympathy with the oscillator. I can quite understand that he feels his situation. Look at it this way. Mr. Everyman (having bought his furniture) buys

his wireless set. It is a crystal set. In time, he reads of valve sets; his imagination depicts him inviting his neighbours in to hear Rome, Brussels, Aberdeen, London or some remote station. He is everywhere encouraged to believe that, with a single valve set, he can hear the world. The very hoardings shout at him, "All the World on one valve!" He, in a moment of prosperity—I say this in no spirit of scorn; we all know what it is to pay for this new gadget and that—buys or makes this one-valve set. His local station he finds is stronger and, to that point, his purchase has been a wise one. The robustness of the single valve set is in its favour and, with dull emitters, the low and high tension batteries should present no drawback. But what of "All the World on one valve"? He has one valve—

I draw a veil. Alas! that such a veil of silence cannot be drawn over Mr. Everyman's aerial. Oh! Mr. Everyman, don't do it! Please don't! You render such a disservice to broadcasting, you annoy your neighbours, you irritate the family. This last point need not matter, it is your family and they can deal with you or you can deal with them. It is your poor unfortunate neighbours outside.

Of what is oscillation you can read hereafter by writing to us for our pamphlet. If I can persuade you that, unless it be in the hands of the very skilled, the single valve set is not useful except to listen on phones to your local station (up to thirty or forty miles), then I have not written in vain. The pure common-sense technical bedrock

(Continued overleaf in column 3.)

An Immortal Love Story.

Gounod's "Romeo and Juliet."

OF all the lyric forms of *Romeo and Juliet*, Gounod's is the most popular. Before the "composer of love," as he called himself, turned to the drama of the Capulets, it had been exploited by many musicians, including Bellini. He wrote a work on the subject in four acts; but the third was so unsatisfactory that one from Verdi's opera on the same theme was substituted for it, and for years Bellini was commonly credited with the whole of this curious amalgam.

Sometimes it was no less remarkable for other reasons. During, when in Florence, heard that it was to be presented. He went to the theatre with an ardent desire to hear it, and was horrified to find that, while the Juliet was a big and handsome woman, the Romeo was another actress, and one so small and slim that she was dwarfed in the duets.

Gounod's setting, however, is now most in favour everywhere, and is held in such esteem in France that it is considered superior even to *Faust*.

An Eleventh Hour Change.

Compared on the shores of the Mediterranean, *Romeo and Juliet* underwent many modifications before it was produced. One was made at the eleventh hour. At the early rehearsals the prologue was sung "off," with the curtain down; but, a few nights later, somebody proposed that the curtain should be raised, and that all the artists should take the place of the chorus. As a result, we have the prologue in which the characters and chorus briefly outline the story.

The opera was produced at the Théâtre Lyrique, Paris, on April 27th, 1867, and its success was never in doubt. Particularly well received was the now famous Balcony Scene, despite its many resemblances to the still more famous Garden Scene in *Faust*. So great was the enthusiasm, indeed, that it caused an incident probably unique in the annals of the lyric stage.

During a duet between Romeo and Juliet—"when," as a contemporary chronicler graphically narrated, "Mme. Carvalho passed from one of the arms of the tenor Michot to the other"—there was such tumultuous applause that the singers could not continue, and had to begin again.

A Favourite of Patti.

The audience, too, at once recognized the merits of the graceful and animated waltz, "Fate is the tender dream of youth." This number was written by Gounod specially to enable Carvalho to show her virtuosity, and, according to the wags, she used to sing

Je veux vivre

Dans le rôle qui m'enivre

in this fashion: "Je (one, two) veux (one, two) vi-vi-cre-en-en-ivre (one, two) le (one, two) rô-lê-m-en-ivre. . . ." But she made the waltz a success, and afterwards it became a favourite of Patti and other prima donnas.

When the curtain finally fell, there was a great demonstration, and for one hundred consecutive nights subsequently it was received with almost equal appreciation.

Prompted by the Composer.

The work was revived at the Opéra in 1898, and added to its repertoire. At the first performance, when Gounod conducted, the actress cast for the Page had a temporary loss of memory when it was her turn to sing. Gounod, who had been a choir-master, prompted her as he had many others in like circumstances in church, and thus many people in the stalls heard a musical phrase sung in an opera by its own composer.

Romeo and Juliet was started on its tour through Europe by a number of performances in Italian in London. Patti and Mario were the lovers, and both added to their laurels.

The prima donna afterwards sang the part at the

Opéra, Paris, Nicolini playing Romeo. She was then, through the instrumentality of the Empress Eugénie, who had brought about her marriage, the Marquis de Caux; but this union was not to last long, and it was evident to some of the audience at the Opéra that if it was dissolved, Nicolini would be that nobleman's successor. For the couple were actually as much in love with each other as the parts they were representing would ordinarily have imposed on them to simulate.

One night a conscientious statistician kept count of the kisses exchanged in the Balcony Scene, and he made the number twenty-nine! Not very long afterwards Nicolini became Patti's second husband.



The Balcony Scene from "Romeo and Juliet."

Since the London production in Italian, many other remarkable representations of *Romeo and Juliet* have been given in this country. In 1898 there was a "cosmopolitan" performance at Windsor, and on this occasion several London journalists were among the "spectators," with the result that some exceptional details "got in the papers."

England, indeed, has shown itself more appreciative of Gounod's first and last immediate success than any other country, except France, and there is no sign of any change in public taste.

T. W. WILKINSON.

[The Opera of "Romeo and Juliet" will be broadcast from Manchester and Daventry on Saturday, November 21st.]

ECHOES OF THE PAST.

THE purport of the programme to be given from the Plymouth Studio on Friday, November 20th, is to recall to the minds of listeners "Echoes of the Past." Under this heading, Mr. James Vosper, well known in the West of England as the policeman baritone, will sing various old-time melodies, including "A Hundred Years Ago," by Geoghan. The Royal Marine Band of the Royal Naval Barracks (Devonport) will contribute suitable selections.

A recent programme, known as "Ye Good Old Days," met with much appreciation, and it is hoped that "Uncle Tom Cobble's Birthday"—an incident on Dartmoor, which will follow the first portion of the programme—will give listeners equal enjoyment. The sketch itself is by George Scantlebury and Ben Norton, and will be presented by Mr. Norton, who will himself take part. The principal characters will include Mr. George Scantlebury, Mr. James Vosper, and Miss Gladie Seaton. The evening's entertainment will conclude with a violin recital by Miss Jocelyn Boundy.

The World On One Valve!

(Continued from the previous page.)

of it all is that, as in all engineering, we must have a proper factor of safety. I am not ashamed in the least to repeat what I have written so often, because I am told repetition is the soul of journalism, and the best journalism aims at public service.

If you must listen, in the present stage of the art, to distant stations, two or three high frequency valves are essential. I have lately made my father-in-law a belated present of a wireless set. My father-in-law was born in that unromantic age when a hansom cab, apart from the train, was the fastest of vehicles (in more senses than one). He was never an engineer and his electrical knowledge is confined to a knowledge of how to switch on and off a light. He now finds himself in possession of one of the most remarkable pieces of apparatus in a world which daily produces more and more wonderful machinery.

Birmingham, Münster, or Brussels are his for the adjustment. While he, like a sensible man, mostly listens to London, he still has the other possibility of roaming further afield. And he never disturbs those few neighbours high on the Chiltern Hills. The reason and the only reason is that his set is a properly designed and manufactured set which is still sensitive and yet never offends others.

So we come to the fact that the fullest potentialities of wireless cannot be unselfishly realized unless we are prepared to pay money for the pleasure. We have always striven to stress the public service conception of our work. We have always tried to give you the best in the means whereby you receive programmes and the programmes themselves. We have given with both hands, I hope not stinting the service for the benefit of the few, but so rapidly has the art developed that we have been unable to make concrete some of the ideals we hear in mind, and we ask meanwhile for your co-operation and your patience.

Neither of these are given by the persistent oscillator who spoils the service for ourselves, himself, and others.

In a recent article, I tried to show how the art would, in all probability, develop; fewer stations, but higher power. Then, indeed, the single valve man, and even the crystal user, will have the chance of alternative programmes with simple apparatus. Then all England on the valve will be nearer realization. We aim at developing the art in terms of the best service for all. In the meanwhile, may we ask for co-operation and unselfishness from those who seek to take more from the service than the service can give. The service is doing its best. Won't you co-operate and do the same?

May I end by saying once more: "Please don't do it!"

EVERYBODY PLEASED!

It is natural that the close relationship between the B.B.C. and listeners should produce a big post-bag on practically every subject connected with the broadcast programmes, and it is also to be expected that the views of listeners should not be altogether unanimous. But at least we have apparently succeeded in pleasing everybody at the same time.

Of the hundreds of letters received in connection with the broadcasting of the Bells of Crowland Abbey on October 25th, not one contained an adverse criticism. This, we admit, constitutes a record in our programme correspondence, and one of which we are very proud. It is, indeed, something to have achieved for once, unanimity among listeners, although it may be a long time before it happens again. We sincerely hope that no listener will remember that he forgot to register a complaint!

Official News and Radio Gossip.

The Prince to Broadcast Again.

THE voice of the Prince of Wales will again be heard by London and Daventry listeners at 9.15 p.m. on November 25th, when he makes an appeal at the Guildhall on behalf of the "Society for the Prevention of Cruelty to Children."

"Mercury Mary."

We intimated in a recent issue that London listeners could look forward to the broadcasting of an excerpt from *Mercury Mary*, the musical comedy at the Hippodrome. This broadcast will take place on November 27th, and will begin at 8.50 p.m., with the song "Honey, I'm in Love," and the transmission will include the numbers "I'm a Little Bit Fonder of You" and "They All Look Good."

In Memory of a Famous Composer.

On the afternoon of November 29th, the B.B.C. will honour the memory of Puccini with a musical programme of his works. Mr. Percy Pitt, as an old friend of the composer, will give a short address and possibly an official representative of Italy—Puccini's nation—may also take part.

A Blind Organist's Recital.

In connection with the special concert, provided entirely by blind artists in commemoration of St. Cecilia's Day, on November 22nd, listeners to the London and Daventry programmes will hear an organ recital, between the hours of 3.30 p.m. and 5.30 p.m., by the well-known blind organist Mr. William Wolstenholme. His compositions, "The Question" and "The Answer," are familiar to all frequenters of organ recitals. This feature will be relayed from the National Institute for the Blind.

St. Andrew's Day.

The Programme Board of the B.B.C. intends to make a special effort to celebrate St. Andrew's Day, November 30th, by a special Scottish programme. Details will be announced in due course.

Lancashire Talent Series.

An entirely new movement is to be inaugurated at the Manchester Station on Friday, November 27th, when the first of a Lancashire Talent Series will be broadcast. The programme will be supplied, between 8.0 p.m. and 10 p.m., entirely by Bolton artists, and will include songs by soprano, contralto, tenor, and baritone voices, musical items being contributed by cello and solo pianoforte. It has been felt for some time that an intimate programme of this nature would appeal to the largest possible number of local listeners, and, following the Bolton programme, the series will include, at weekly intervals, programmes entirely contributed by other Lancashire towns. Strict impartiality has been observed in selecting the order in which these shall contribute, and no significance should be attached to the order of priority.

Another Radio Fantasy.

Radio Fantasy No. 10, entitled *Echo*, will be performed at Birmingham Station on Sunday, November 22nd, at 9.20 p.m. It has been written by Mr. Leslie Norris-Rogers, and the music has been specially arranged by Mr. Joseph Lewis. The incidental music will be provided by the Station Orchestra, and the characters will be played by Mr. Percy Edgar, who will take the part of "Harry," Miss Gladys Colbourne, who will play "Bertha," while "Echo" will be Miss Phyllis Richardson and "Pan" Mr. Harold Rowe.

Community Singing at Birmingham.

It is hoped to broadcast a Community Singing Concert to be relayed from the Town Hall, Birmingham, on Monday, November 23rd. The singing will be conducted by Mr. Joseph Lewis, who has made a speciality of these concerts, both here and in London. The artists will be Mr. Parry Jones (tenor), Mr. Dale Smith (baritone), and Mr. Percy Edgar (soprano).

New Schemes for Radio Humour.

The lighter and brighter side of wireless entertainment is always popular with a large number of listeners. Recognizing this, the B.B.C. constantly endeavours to enlarge upon the humorous items which are the most acceptable to their unseen audiences.

In the beginning, these items were usually of the simple entertainer variety to which we are accustomed in concert halls and elsewhere. These being found successful, other artists were engaged—troupes and concert parties—who were equally welcomed. Then the B.B.C. realized that, successful though these were, a more intimate type of humour might be developed.

Wireless Revues.

A kind of Wireless Revue was evolved, a type of revue written specially for, and suitable only to, the peculiar requirements, advantages, and possibilities of invisible entertainment. Entitled *Radio Radiance*, this part with instant and gratifying appreciation, and, together with another form of revue, represented by "Winners," in which popular numbers are happily blended together by whimsical patter written by Mr. R. E. Jeffrey, there has now been built up a steady demand for this kind of humorous entertainment which has led the B.B.C. to make yet another advance in providing the lighter portions of their programmes.

To this end, the services of Mr. Donald Calthrop, the well-known actor and producer of *Tea for Two*, one of the most successful revues of modern times, have been secured to help, advise, and direct the further activities of the Dramatic Department which, under the direction of Mr. R. E. Jeffrey, has always been the means of providing these popular forms of humorous entertainment.

Brahms' "Requiem" at Bournemouth.

The chief feature of the Sunday evening programme at Bournemouth Station on November 22nd will be the Brahms *Requiem*. The solo parts will be sung by Miss Kate Winter (soprano) and, it is hoped, by Mr. Ray Henderson (baritone). The choral parts will be rendered by the Frome Choral Society, conducted by Mr. A. M. Porter. This Society is well known in Somerset and the West of England.

Another Cathedral Service.

The recent transmissions from York Minster and Worcester Cathedral were so much appreciated that listeners will be interested to hear that on Sunday, November 22nd, the Plymouth Station has arranged to broadcast the service from Truro Cathedral, when the Address is to be given by the Rev. Canon Trevor Lewis, M.A. (Sub Dean).

An Entertaining Farce.

A farce, entitled *Affinities*, by Vernon Woodhouse, will be broadcast from the Edinburgh Station on the evening of Friday, November 27th. This is well adapted for radio purposes, and the members of the cast have had considerable experience in dramatic productions over the microphone.

The same evening a novelty will be broadcast from the Station, consisting of a performance of a number of the shortest musical compositions, poems, and stories, in existence. The artists on this occasion will be chosen from members of the Edinburgh Station staff.

Derry and Dublin Talent.

Belfast, unlike most of the other B.B.C. main stations, has no other very large town in its area. Northern Ireland, apart from Belfast, is almost wholly agricultural, and the only large town is Londonderry. On Monday night, November 23rd, a Derry programme will be given by Derry artists, two singers, a pianist, and Mr. Albert T. Cunningham, who will conduct the Belfast Station Orchestra.

Dublin is also represented in the programme that week, for, on Saturday, November 28th, Mr. Percy Whitehead, the well-known Dublin baritone, will be heard.

New Talks Series at Belfast.

Two interesting series of talks begin next week at Belfast Station. On Tuesday, November 24th, Professor Walmsley, of Queen's University, Belfast, will, at 7.10 p.m., give the first of six talks on "The Structure of the Body," and on Thursday, November 26th, at the same hour, Mr. Carl Harbeck will discuss "Gaelic Music," upon which he is a great authority.

Sunday Concert from Leeds-Bradford.

A special concert is being arranged in aid of the National Institute for the Blind, which will be broadcast from the Alhambra Theatre, Bradford, on Sunday, November 22nd. The Band of the Grenadier Guards will play, while vocal items will be given by Miss Maggie Lister (soprano) and Mr. A. B. M. Forbes (bass-baritone). Mr. J. W. Ainsworth, A.R.C.M., will be at the piano.

Special Studio Service at Dundee.

After the News Bulletin, the whole of the programme from the Dundee Studio will be sustained by the Dundee Select Choir on Sunday evening, November 22nd. Under the leadership of Mr. H. Marshall, various items, including psalms and hymns, which have been specially asked for or chosen by local listeners, will be sung.

A Collector of Folk Songs.

In memory of Cecil Sharp, that indefatigable collector of English folk songs, special items will be included in the programme on November 23rd. These will consist of many folk songs, sea shanties, and country dance tunes, which he arranged so delightfully.

Sir Hugh Allen and Dr. Vaughan Williams will broadcast a few words in appreciation of his work, and also on behalf of the Cecil Sharp Memorial Fund at present being established.

Mr. Harry Plunkett Greene will be Master of the Ceremonies, and will contribute songs to the programme. Other artists who will assist are Mr. Frederick Bantlow, of *Beggar's Opera* fame; Mr. Stewart Wilson, the English singer who recently represented us in the Venice festival; Mr. Douglas Kennedy, singing unaccompanied ballads, and Mr. Harold Samuel, the pianist.

A Memory of the War.

A programme which should prove attractive to ex-Service men will be given from Cardiff Station and relayed through Daventry on Thursday next. Although it will deal with the Great War, the terrible side of the fighting will be kept in the background, and listeners' attention will be focused on the wit, the little worries, and the good fellowship which always existed among the troops. All the old familiar tunes will be heard, and there will be an amusing *admiral* scene, and listeners will be finally brought face to face with war in a front-line trench.

Many famous broadcasters will be discovered by attentive listeners, but for this evening, as a tribute to their comrades, artists and others prefer to remain anonymous.

Beethoven's Sonatas.

As the sequence of the thirty-two *Pianoforte* Sonatas of Beethoven, being played by Mr. Herbert A. Carruthers from Glasgow Station on Monday nights, was unavoidably broken on Monday, October 26th, all the subsequent Sonatas were put back a week, and the fifth of the series, which will be given on November 16th, will replace what was originally intended to be the sixth.

Our Point of View.

Radio Revels—Wireless in the Wards.

ALL ENGLAND DANCING.

PREPARATIONS are now far advanced for the holding, in about four weeks' time, of a simultaneous "revel" in every town which has a B.B.C. main or relay station. Those of our readers who have had experience of organizing even one such function will sympathize with the committee which, at Head Office, has been co-ordinating the details of twenty. In most cases the whole profits, and in other cases (where it has been found necessary to borrow the premises, bands and organization of a local dance hall) the whole B.B.C. share in the profits, are going to charities, and preferably to wireless charities.

The London Revel, and, to some extent, other revels, are helping the *Daily News* Fund for Wireless Installations in Hospitals, and the other charities which will be supported (and, it is hoped, will reap handsome returns) are in the majority of cases similar in kind but other deserving causes have not been ignored. The bands in all these halls will be reinforced by loud speaker installations, which will give forth the strains of the bands playing at Olympia, so that all England will be dancing at times to the same tunes broadcast from London and Daventry—perhaps from Rome and Vienna, and from even further afield.

But it will be time, when the Revel is over, to discuss it as a revel. At this stage, it is a more serious note that we would strike. We would ask readers to look December 15th, not primarily for the sake of an enjoyable carnival evening, but for the sake of the charities it stands for.

As we have said, these are in the main wireless charities, but the rest are charities for equipping hospitals with special treatment plant, providing fresh-air holidays for slum children, furnishing rest-houses for girl workers, and for half a dozen other special objects, as well as that most ordinary, yet most essential, object of keeping up the funds of the great general hospitals.

GIVING AND RECEIVING.

THE Radio Revels deserve their name for two reasons. Charity takes the form of radio, and radio becomes the vehicle of charity. The importance of the first we would by no means underrate. And yet, desirable as it is that the dim, still evenings of those who lie in the wards should be soothed or brightened by the music and speech which is generated in the headphones—attractive as is the idea of providing the blind with a form of enjoyment which can dispense with their friends' or nurses' help, and appeals with peculiar intensity to their supersensitive ears—radio, on the Revel night, addresses itself not to those who receive, but to those who give.

In some cases the places of revel are to be open at "popular" prices, but more often the prices are somewhat higher. And this is just as it should be. To a public which we serve, month in and month out, with programmes of music, lectures and dramas at a cost to the listener of a third of a penny a

day, we can safely address an appeal to spend on this one night in the year with a free hand. On such a night a popular price is the price which listeners feel glad to pay to help a popular cause—no more and no less. And, equally, to revellers in the towns and villages where there is no organized Revel, but only the familiar domestic or communal dance to the S.B. music of a loud speaker, we say—let this be a night of charity of giving, as well as of receiving.

TO-DAY AND YESTERDAY.

ALTHOUGH to the ordinary listener it may seem that the wireless transmissions from day to day remain at their same order of excellence—or, as some may prefer to express it, at their same order of inferiority—the engineers of the B.B.C. are all the time seeking to make improvements.

It is interesting, therefore, occasionally to go back three or four years and get a direct contrast between what, in broadcasting, is to-day and yesterday. Only by doing this can we see the full extent of improvements as they have been gradually brought about over any given period. Many instances might be quoted, but probably one of the most fascinating is an examination of the fundamental problem and difficulties of making a mechanical reproduction of music by means of wireless.

It is a remarkable fact that in the range of frequencies in speech and music which lie between 30 and 10,000 a second, there is an extraordinary predisposition in all apparatus, whether mechanical or electrical, to respond to the middle frequencies round about 1,000 and 2,000 a second.

Careful investigation shows this peculiarity to be a common fault with almost every part of wireless equipment—whether transmitters or receivers. They uniformly favour those frequencies represented by the centre notes of a piano. They all fall short in their ability to reproduce the low and high notes. The combined result of these effects is that in reproduction we seldom get an absolutely faithful copy of the original. It is to overcome these problems that research work is continually going on. Decided improvements, slow, but sure, are likewise always being made.

Four years ago we were probably transmitting no treble or bass notes at all, but we know that to-day 80 per cent. of perfect reproduction in the highest notes (10,000 a second) and 30 per cent. of the ideal in the lowest notes is actually being sent out.

Most of these experiments are done in London, and as discoveries are made they are applied to the apparatus at other stations. Research and development are unremitting. We are still far from satisfied with results. Only when we have attained 100 per cent. reproduction of all musical notes will we relax our efforts in this direction.

It is still the major part of the manufacturers' problems to see that the loud speaker or telephone responds in the right ratio to the straight line characteristic we endeavour to achieve at our stations.

Wireless Wisdom.

Points From Talks.

"The Cheshire Cheese."

THIS quaint old bar is unlike any other bar in London. Its very customs are different. No one familiar with them would dream of asking for Irish whiskey: he would call for arrack. But it is the valuable collection of punch-bowls which makes the bar unique. Round those steaming bowls our convivial forefathers chorused the National Anthem and cheered themselves hoarse over the news of Blenheim and Ramillee, of Trafalgar and Waterloo and other great victories of a time when the British Empire was in the making.—*Col. H. P. Drury.*

RAIN sames in the abstract gave us white lines on the concrete.—*Stenson Cooke.*

Light Baths for Night Workers.

ALL night workers suffer sooner or later. Many causes have been assigned for this fact. I believe it to be due to lack of sunlight. They should have artificial light baths. We might well begin with the night nurses in our hospitals, most of all of which have installed lamps during recent months for the treatment of their patients. The argument applies to all night workers and, by similar reasoning, to our miners, who leave the light of day for subterranean gloom and danger, in order that our nation may live. Light baths at the pit-head, as well as baths of water, should be part of the equipment for the future.—*Dr. C. W. Saleeby, F.R.S.E.*

If I may be daringly candid, even a scientist does not always in his heart welcome fresh truths.—*Professor Barkin.*

Triumph Over Trade Depression.

THE sterling character of our people shows itself at its best when in a tight place, and I am confident that our manufacturers and merchants will emerge from the present trade depression no less triumphantly than did their predecessors from the difficult times which followed the Napoleonic Wars over 100 years ago.—*Sir Philip Cunliffe-Lister, K.B.E.*

GENIUS is an extraordinary thing and resembles a cat, inasmuch as you never know which way it is going to jump.—*James Agate.*

What Is the Answer?

AN old Malay from up jungle, who knew practically nothing of Western life, stopped me one day just after the outbreak of the Great War. He was anxious to know if the Germans were lighter or darker than the Malays. "Why, Ibrahim," I told him, "they are white like the English." "White, Tuan!" he ejaculated in surprise, "well, are they Christians?" "Certainly, they are," I assured him. He seemed perplexed, but at last managed to stammer: "If they are white and Christians, Tuan, why do they fight white men who are also Christians?" How could I answer him in a way that he would understand? But I know it made me feel rather small.—*John Burnley.*

Camels Children Swallow.

ELLEN KEY, the Wise Woman of Sweden, has said: "Where the faults of children are concerned, at home and at school, we strain at gnats, while children daily are obliged to swallow the camels of grown people."—*Muriel Wright.*

BOOKS of any merit convey to us a certain infection.—*Desmond MacCarthy.*

When to Plant Roses.

THE greatest strides in the evolution of the rose have been made during the past fifty years, in which time roughly 3,000 varieties have been created, varying in colour from rich crimson and pure white to the innumerable shades of yellow, pink and almost blue, but not quite. Given a soil and situation in which the average vegetable life flourishes, provided the right sorts are chosen, roses can be made to thrive with a minimum amount of trouble and expense; but they must be planted at the right time, the end of October, November or December.—*F. Cant.*

PEOPLE YOU WILL HEAR THIS WEEK.



Miss **IRENE GROOM**, who is giving a pianoforte recital in Bournemouth listeners on November 15th.



The **TEMPLARS' CONCERT PARTY** are visiting London Studio on November 18th. They will also be heard from Daventry and several other stations.



Miss **NILDA ATKINSON** will sing and play harp solo at Manchester on November 18th.



Mr. **ROY HENDERSON** (Baritone) is singing at Nottingham on November 20th.



Miss **VIVIEN LAMBELET**, of the Offenbach Follies, will be heard by London, Daventry, Liverpool, and Belfast listeners on November 20th.



The Rt. Hon. Mr. **SAMUEL HOARE**, Secretary of State for Air, is to broadcast a talk on Aviation on November 17th (B.B. to all Stations).



Miss **LUCILLE LA VERNE** will broadcast a short recital of stories from London, Daventry, and other Stations on November 21st.



Mr. **F. ANSTEY**, the famous author, who will give humorous readings from his works on November 16th (B.B. to various Stations).



Captain **FRANK H. SHAW** has specially written a broadcast play to be given from London on November 16th (B.B. to other Stations).



Miss **JOSEPHINE LAMB** (Soprano) will broadcast songs from Birmingham on November 21st.

Wake Up, Novelists!

Their Sad Neglect of Radio Stories. By Herbert Shaw.

THE coming of wireless gave to novelists a great treasure-house of imaginative possibilities, and they have been too lazy to turn the key of the door. Have our sensational writers, in some secret council, decided among themselves to boycott wireless, and the fine chances it gives them for new turns and situations in their stories?

They have certainly neglected it, for you won't find it mentioned, except incidentally, half-a-dozen times in the year's output of novels. This is odd, because although all of us are now familiar with wireless, there is hardly a thoughtful man or woman who does not still appreciate its magic and its wonder.

Imagination's Lucky-Bag.

The story writers used the S.O.S. call from vessels in distress, and then ran away from the theme, although more and more, as wireless has grown to be part of our daily lives, imaginative fancies in which wireless figured would be welcomed, to entertain the great host of radio enthusiasts.

It is time they woke up and mended their ways— isn't it the present-day novelist's boast that he must be modern and bang up-to-date, whatever his faults?

Their neglect of the possibilities of wireless is a crime. Sensation and sentiment, drama and mystery and action—all these could be "woven into wireless" and add a fresh interest to the romances of to-day.

As the writers of fiction seem so shy of the subject, let us have a look into the lucky-bag of imagination and see if we can find a few ideas for their use. Playing the old favourite children's game of "Let's pretend," which every writer of stories must do when he attacks his work, we will give them one or two suggestions for plots which may spur our dilatory novelists on.

A Romantic Plot.

First, let us think of an imaginary country somewhere in the Balkans, a romantic kingdom of fierce warriors and lovely ladies like that country of Ruritania of which Sir Anthony Hope made such good use. The whole land is seething with discontent, and this discontent, for his own purposes, has been fanned to the point of flaming into rebellion by a cunning noble who has deceived the gullible young king.

The noble is at the head of a band of conspirators who have worked long and hard to undermine the faith of the people in their king. They desire revolution above all things. Revolution and the overthrow of the king will bring them great rewards.

There comes a day when the princess, who loves the king, finds proof of the treachery of the conspirators, and discovers all their plotting. Is it too late to save the kingdom and its ruler? At midnight the revolution is timed to begin. The princess rushes to the palace with her momentous news. What way can be found of acquainting the people of the country with the news that they have been deceived by the covetous noble and his allies? In an hour, in less than an hour, the gun that is the signal for uprising will sound in the great square!

Saved by Radio.

There is only one way—wireless. Just in time, near the close of a special wireless programme that has kept most of the inhabitants of the capital in their homes, the young king broadcasts a wonderful message to the people of his threatened realm. Such a message—so sincere and enthusiastic and infused with truth that it sets the people cheering in their houses and saves the kingdom from the disaster that was so near.

More difficult to work, but worth attention and speculation, would be the unknown broadcasting

station from which a gifted leader of men who aims to be Dictator of a country sends out mysterious messages. Who can this man be, this man who has such intimate and uncanny knowledge of all the affairs of State? His influence could be, for story purposes, either for evil or for good. His powers of remaining unknown, the methods by which the inexplicable secrecy of his station and his hiding-place is for so long maintained, with a thousand people intent upon tracking him down—ought not these things to make a worthy stage for a first-class yarn of thrills, adventures, and achievement?

Love and Humour.

These are big themes, but in the field of wireless there is more than enough room for smaller and quieter ideas. In his lodgings, the lonely young man is tired and unhappy. To listen, he thinks, may lighten his mind—and then he receives a shock. Somewhere, a year before, he has heard that sweet voice that comes to him from the night, singing a loved, familiar song. The singer's name is not on the programme—or he finds it to be an assumed name, when eagerly he makes inquiry. There seems to be a conspiracy to stop him from discovering the identity of the singer, and he is so sure he has met her before. But he determines to find her, and his adventures on the way to success make the story.

There are humorous possibilities also. There could be wireless stories of laughter as well as romance. Take this same young man, searching passionately for the owner of the unknown voice which has so greatly stirred him. He swears he will find her. For weeks he pokes through the programmes of the various stations, to discover her name again.

For One Night Only.

At last, he gets upon the right track. And at last, following disappointment after disappointment, adventure after adventure, he meets the fair singer face to face, and a cruel and awkward disillusionment is his unhappy lot.

For the owner of the wonderful golden voice is a young man—a female impersonator who, for sufficient reasons, has been able to keep his identity secret until now!

Crime has not yet been touched upon; but, in clever hands, it should provide as wide a field as romance for fiction with a "wireless end." What a story waits for our entertainment if an ingenious writer can set himself to make plausible the theme of the capturing of a broadcasting station—for one night only—by a gang of clever crooks who are out for a tremendous coup. There are no limits to the evil they could do. Special message sent out for a millionaire—the crooks waylay him, kidnap him, hold him to ransom. Also they secure his only daughter.

A Guilty Secret.

Or they could threaten a rich man with a secret past with the broadcasting of his guilty secret. They could follow this plan of blackmail with a hundred rich men whose secrets they had worked for years to secure with just this end in view—a colossal night of blackmail. Imagine their confederates, simultaneously in a hundred great houses in the city—"You must decide very quickly what our silence is worth. I am to send a message to my colleagues by telephone within five minutes from now. If you do not pay what we ask... your secret will be broadcast to London and the world! You had better pay up!"

Wakes up, please, novelists! There are great chances in wireless themes for your clever brains, for your skillful pens. Wake up—and let us hear from you!

The Broadcast Pulpit.

Points From Radio Preachers.

The Raw Material of Character.

OUR life is a continuous extraction from the raw material of circumstances into something other, for better or for worse. Our bodies are great and intricate factories receiving daily the raw material of air, food and clothing which by chemical action and reaction is turned into living tissue, rich blood and tough fibre. Man yet but dimly understands this inward process that so rhythmically maintains comparative health and strength. But life knows other raw material besides these things. Human experience is a long category of sorrow and suffering, of despair and defeat, of confusion and sin, and these things are to the soul what minerals and wood are to the factory, and food and air to the body, just raw material.

As the enrichment of life is determined by our power of converting its raw material into effective necessities, so is the enrichment of character determined by our power of turning suffering and sorrow into abiding values.

Man has tried many ways of overcoming the agony of affliction and the despair of defeat, but always without success until he learns the employment of moral and spiritual power. For this task, man is not sufficient, his inventive genius is of no avail. If suffering is to be transmuted into beauty, loss into gain, darkness into light, then man must needs learn the grace and power of God. If a moral failure is to be transformed into a moral victory, it will be accomplished by the spirit of God, and nought else.—The Rev. Alexander Hutter, Whitefield's Tabernacle, London.

Ruined by Friendship.

SOME men are ruined by their enemies, more are ruined by their friends. It is amazing how easily some people form their friendships, how they take the line of least resistance, how they fail to realise all that is involved in the mystic bond of friendship. Friendships are lightly made, and secretly, slowly character degenerates, ideals are dimmed until that friendship, begun in the comradeship of some light-hearted hour, closes the door on a hundred noble things.

So is it with the choices we make. Every day we are called upon to decide in a hundred small concerns, and our choices make us or mar us. Then one day we are called upon to face one of life's great decisions, and, it may be, we have not been living on high levels, we have been guilty of infidelities to conscience, and we choose amiss; for the action of any decisive hour is shaped by the influence of the innumerable lesser choices of every day.

Then days or years pass and the choice slowly works itself out in character, and a thousand things are tainted by our disastrous choice. We never meant to shut out power and purity, but they have revealed ever since; we become aware that we have lost something without which life can never be the same again.—The Rev. F. Ivan Usher, Stoke-on-Trent.

Medical Work in India.

AS a nation, we have had, and still have, a large say in the profound revolutionary changes which have taken place during the last hundred years with growing momentum in the life of India.

In nothing has that silent and unselfish service been better exemplified than in the devotion of medical men and women, many of them servants of the Government, not a few of them missionaries of the Christian Church, who have dedicated life and thought and labour to the alleviation of the bodily ills of the people.

How great the problem has been will perhaps be better realised if one compares it to an effort to supply with an effective medical service the whole of the continent of Europe, excluding Russia. When one thinks of it in that way, one wonders not so much at any shortcoming as at the extent of the success achieved.—Dr. Leckmere Taylor, Edinburgh.

Bow Bells.

The Chimes Beloved By "Cockneys."

[London's famous Bow Bells will be broadcast on Sunday, November 15th.]

ST. MARY-LE-BOW is the premier church of the City of London. Usually called "Bow Church, Cheapside," it was erected by Wren, in 1671, on the site of a previous Norman edifice which was destroyed in the Great Fire of 1666. Wren, in fact, used the original Norman Crypt for his foundation. The Normans employed Roman bricks and tiles and, it is thought, Saxon workmanship. Here, on the capital of one column, may be seen a specimen of Norman spearhead decoration—the only known example in the world.

In the well-proportioned tower, considered Wren's masterpiece of its kind, are the twelve famous bells. The tenor bell weighs over two and a half tons.

"The Whittington Chime."

In his book on Bow Church, the Rev. A. W. Hutton says: "It is probable that what Dick Whittington heard on Highgate Hill was the curfew on Bow Bell. In 1469, the Common Council directed that it should be rung on Bow Bell at 9 p.m."

The bells now in the belfry are not those heard by Sir Richard Whittington, according to the legend, in 1375, for those perished in 1666 in the Great Fire. Also, there can be found no record of more than one bell until 1515, when another was presented and rung at the funeral of a churchwarden. Now, six bells are needed for the "Whittington Chime," so that the legendary tune to "Turn again, Whittington, Thrice Lord Mayor of London" cannot be historically maintained. But it is true that the curfew was rung at this church at the time, and among the City records is contained an order, made in 1334, forbidding people to wander about the streets after "the hour of Curfew has rung out at the Church of Our Lady at Bow."

A Great Poet's Birthplace.

High above Cheapside, on the top of the steeple, is the copper-gilt dragon, 8ft. 10in. long, and its wings are "charged" with Greek or, as they are now called, "Grecian" crosses.

The altar panel is a copy of Murillo's "Holy Family," and is said to be one of the six most valuable pictures in the City of London.

All the stained glass windows are modern. The large West window is the John Milton memorial and depicts a scene from "Paradise Lost." Milton was born close by, in Bread Street, and the church possesses the register entry of his baptism.

The church's pulpit is a work of art, on which are carved the Royal Arms and interlocking "C's" of King Charles II. and his Queen Catherine, who were accustomed to witness "Chepe" tournaments from a gallery erected close to the Lantern Tower of the old Norman Church.

Noted for its Music.

It is of noteworthy interest that the ceremony of the Confirmation of the Election of all Bishops in the Province of Canterbury takes place at Bow Church.

Bow Church has long been famous for its music. Every Sunday a small, but accomplished, choir renders fully choral cathedral services. A feature of these services is the use of Sir Walford Davies's "speech rhythm" method of singing the Psalms. Many years ago, oratorio services were inaugurated on the last Sunday evening in each month, and these are still held. Oratorios by Handel, Haydn, Pary and Mendelssohn are sung and the "Christmas Oratorio" and other cantatas by Bach are frequently given.

The church possesses a three-manual "Walker" organ, which is famous for its striking diapason tone and for its delicate and beautiful soft flute stops.

Sir Walford Davies's well-known "Solemn Melody" for organ and strings was written for, and first performed in, Bow Church. J. E. H.

The Pioneer Spirit.

By F. A. Mitchell-Hedges, The Explorer.*

MANY people have put the following questions to me: What is the use of exploration work? And what benefit is it to the country if you do find a ruined city, the evidences of ancient civilizations and their culture—we cannot possibly see what good it does to bring back specimens for the museums? Others have frankly told me that they considered it a waste of money on our part.

The "Petty Cash" Mind.

I am quite sure all these people are well-meaning, and I will even join issue with them to this extent, that if exploration work, if the discovery of ancient cities, and knowledge of bygone civilizations simply means the donating to museums of specimens, I consider the work largely valueless, as, of course, it would be unproductive—by this, I mean that it would not produce revenue. But it is necessary to have a broad vision. We are, unfortunately, inclined to be insular, and my personal experience is that during the last few years the horizon of thought with many in this country has become attenuated. It is fatal for any country to develop the "petty cash" mind, and that is why with exploration work we must look beyond ancient ruins, specimens, and adventures in practically unknown lands. We must embrace an ideal.

What has made the British Empire? It was the pioneer spirit of adventure, of men like Sir Francis Drake, Captain Cook, and Sir Henry Morgan, to mention only a few, whose amazing deeds and whose courage and fearlessness will go down to posterity for all time. It was men like Clive. Later, we have that great pioneer, Cecil Rhodes, whose name will for ever be associated with Rhodesia and South Africa.

Romance of Two Poor Boys.

Now let us forget the whole of their work from an exploration and spirit of adventure point of view, and come down to cold facts. What did they produce for the benefit of their country? Drake and Morgan, the West Indies, and the wealth that the nation has year by year derived from trade and commerce, through giving us this part of the world. Captain Cook, Australia and New Zealand. Consider the power, prestige and financial benefit these virile and wonderful countries have given us. Cecil Rhodes, Rhodesia and South Africa. Here the ground has, year after year, poured forth its riches for the further advancement of our Empire.

But one need not search ancient history to find records of great deeds. Look what we have achieved in Canada. It is a romance, yet, I am afraid, not sufficiently appreciated by the people of to-day. Two poor Scotch boys, fired with the spirit of adventure, left Scotland to arrive at last in a country where, outside a few comparatively small towns, there was practically nothing but hundreds of thousands of square miles of prairie and forest.

Into the Great Unknown.

Largely through these two boys' stupendous work and fearlessness, the scenery changed. Gigantic railways grew, coal mines were opened up, prairies disappeared, in their place mile after mile of waving cornfields arose. It was a great Canada, no longer the land in which they arrived, but almost an Empire in itself that magically appeared. Undaunted by the heat of the summer, undaunted by the bitter colds and blizzards of winter, when the thermometer would sink to fifty, even sixty, below zero, they fought the elements, they conquered, they were an amazing example of our breed.

Later, the world honoured them, their names for ever will stand as two of the greatest Empire builders this country has ever known. I speak of Lord Strathcona and Lord Mount Stephen—they were the poor boys who emigrated from Scotland

* In a Talk from London.

into the great unknown. Fired with the pioneer spirit, which every Briton should have, they discarded the thought of the privations which lay ahead. The dictionary had not revealed to them the word "vacillation."

Risen From the Ranks.

It is strange, but true, that many of our greatest Empire builders have come from the ranks. The many marvellous feats in railroad building in the Argentine have been largely accomplished by men who have risen from lowly positions. Egypt, India, Australia, Rhodesia, practically every country throughout the world can tell the same story. The great wealth we derive from our South African mines, running into millions of pounds every year, was produced by the indefatigable work of men who rose from the people.

In Great Britain, our princes of industry are nearly all men who have had to fight and battle their way through life. The late Lord Leverhulme stands as a magnificent example. That great pioneer, by his forcefulness and strength of character, built up a colossal business, which year after year has produced a gigantic revenue, largely derived from abroad, for the benefit of Great Britain.

Living to-day, you will find that our greatest shipping magnates, railroad controllers, heads of vast industrial concerns, inventors, statesmen, authors—in fact, all branches—embrace men whose names are household words and who have risen from the ranks. It is to men of this breed we owe our Empire, and they were certainly not born with a silver spoon in their mouths.

A Light That is Dimmed.

But to-day, is the flame of our pioneer spirit shining with the strong clear light that has made it a world beacon through past generations? I fear not. If there were 100 first-class funerals to-morrow, have we among our men up to the age of forty those with sufficient knowledge, breadth of vision, forcefulness and indelible belief in themselves to take their place and carry on?

At school, and up to a certain point, numbers of young men seem to do splendidly, then, for some strange reason, they appear to become inoculated with a bacillus of inertia, against which it would seem no anti-toxin can prevail.

To-day, among the majority in this country there appears to be something lacking; it can best be described as the difference we all know between the brilliance of the diamond and paste. There is not the fire, initiative and dynamic forcefulness which is necessary to carry us through to the goal that we in our youth dream we intend to reach. Too many follow a path of least resistance.

Women and the Empire.

It is much the same with our women. One finds somnolence and a distinct spirit of taking it easy. There is probably nothing finer than the right type of woman; the help and inspiration she can give to a man is an immense force for good. A man who is a real man when he cares for a woman can hardly be a failure. His own pride will never allow him to shatter the trust and belief the woman has in him. The destiny of the Empire, I feel certain, lies more in the right type of British women's hands than people think.

What is the value of exploration and the discovery of old ruins and fresh lands? There are still vast tracks of country in the world that have never seen a white man and I will tell you the value of exploration in these bleak spots of the map. It will be the vanguard of the trade army that will follow behind. America fully appreciates this; she has had five big expeditions out within the last year. Shall we, who have always been recognized as world pioneers, fall behind? Throughout the whole of the United States the slogan is 100 per cent. American. Ours must be 100 per cent. British.

News from the Aunts and Uncles.

The Children's Corner.

"For Aunties Only."

GREAT was the excitement when at the Cardiff Studio the other day there arrived a little booklet labelled "For Aunties and Cousins Only." There was only one Uncle present, and he was quickly "shooed" away until the Aunties had carefully read the contents of the booklet.

It contained pictures of charming frocks, and a little later, when the fuss had died down, everyone made her choice in front of the microphone.

The Uncles feel rather hurt that, so far, no interest has been taken in their ties and sticks. Will some expert offer advice—and then, perhaps, the Uncles will stop being jealous?

Santa Claus at Glasgow.

Preparations are now in full swing for the Radio Circle Party to be held in Glasgow at Christmas. It is hoped that about a thousand poor children of the City will be entertained to tea and that Santa Claus (who has already given his promise to be present) will have a gift for every child. All this depends greatly on the help given by the members of the Radio Circle. Of course, the Uncles and Auntie know that it is not possible for all the little ones to be present at the party, but just think what can be done even by those who live at a distance, for contributions of toys, money, books, and sweets—no matter how small—will all be welcomed at the Studio, 21, Rhythwood Square.

Novelties at Leeds-Bradford.

Starting on Monday, November 23rd, some new features will be introduced in the Leeds-Bradford Children's Corner. First of all, we are promised a "Dreamy Evening" with Uncle Bob. He has already been discovered asleep in the Studio twice during the Children's Corner, so we shall all look forward to his "Dreamy Evening." We hope it won't send you all to sleep.

On Tuesday, we are going to the "Mad Hatter's Tea Party" with Uncle Max. Special arrangements will, of course, be made for an extra supply of clean teacups. On Wednesday, Auntie Nora will reintroduce us to Robert Louis Stevenson. Thursday is never complete without Granfer Daisy. On Friday, Auntie Doll is going to give an evening of "Old Rags." This will not be such a beggarly evening as it sounds. You will be surprised at the number of old Rags which you know and have forgotten; and no Saturday is ever complete without Billy Smith.

There will probably be other visitors as well, but their identity will be a secret for the present.

Uncle Tom to Leave Belfast.

All those who listen to the Belfast Children's Hour will be very sorry to hear that Uncle Tom is leaving the Belfast Station. His jokes and nonsense will be badly missed, but it is hoped that, as he will still be in Northern Ireland, he will sometimes be able to renew acquaintance with the large family of nephews, nieces and cousins.

A Fancy-Dress Party.

Most of the details for the big Fancy-Dress Party for Aberdeen Radio Circle members have now been arranged. It will be held in the Music Hall, Aberdeen, on December 15th, from 5.0-7.0 p.m. The fun will start with a Grand March for everybody, which will be headed by the Toy Drum Major. Prizes will be given for the prettiest and funniest costumes worn by the children. Then, there will be dancing for the older children and games for the younger ones, with treasure hunts and all sorts of exciting things. Be sure to watch for the Donkey Parade. The Uncles and Aunties think it will be great fun.

The tickets, which are ready now, are one shilling, which includes tea. They are for Radio Circle members only, of course. There will be room for parents and others who want to see the jolly scene, in the gallery. Tickets for this will be one shilling, and the proceeds will go to the Aberdeen Sick Children's Hospital Fund.

THE MOON MAN.

THE stars were twinkling down upon a little boy. His name was Billy Bunnyhug. He could not understand why the sky had so many eyes while he had only two.

As he stood at his cottage door, just by the tiny garden, he heard the sound of music coming from afar. It was like one long sweet note, growing louder and louder, coming nearer and nearer . . . and nearer . . . and NEARER!

Ding . . . ding . . . ding . . . DING . . .

Then a small voice chuckled: "Are you Billy Bunnyhug?"

For a moment Billy didn't reply. He looked round to see who was talking, and his two eyes were quite enough to show him a queer creature who danced in the moonlight.

"Yes, I'm Billy Bunnyhug. Whatever do you want? And wherever did you spring from?"

The queer creature went on dancing his funny jig and answered: "I want you to be my friend. And I spring from the moon. See that moonbeam there, Billy Bunnyhug? Well, I slid all the way down from my home in the sky!"



They went for a walk up the moonbeams.

"But I thought the moon was made of green cheese," remarked Billy. "Nobody can live in green cheese!"

"No, the moon is made of melted sixpences," said the Moon Man. "That's why it shines so brightly."

"How silly!" said Billy. "I do believe I'm dreaming."

"You are," the Moon Man said. "Else I shouldn't be dancing before you."

The Man in the Moon and Billy Bunnyhug got on very well together, so well that they went for a walk up the moonbeams and left Clover Cottage far below.

Presently, they reached the end of the journey. When Billy looked down he saw the old world floating about like a great balloon.

"However am I going to get back?" he asked suddenly.

"By waking up," said the Moon Man. "But first, let me show you what a large place the moon really is. This side we're on now is always facing your earth as we float round the world, and this is the side where I sit and smile down at you all. Jolly, isn't it?"

As they strolled across the moon's face, Billy thought he heard a bell ringing. . . . Ding . . . ding . . . ding . . .

"My!" he cried. "What's that?"

"I believe it's a sign that you're going to wake up. You'll have to come and see me again tomorrow night. . . ."

Billy Bunnyhug opened his eyes to find the sun shining and his mother standing over him.

"Come along, Billy," said Mrs. Bunnyhug. "You've overslept and will be late for school. Can't you hear the bell ringing?"

Ding . . . ding . . . ding . . . DING . . . C. W.

Readers' Stories.

Merry Mishaps Told by Listeners.

(We print below the readers' amusing experiences in connection with radio that the Editor considers to be the best submitted this week.)

"Shocked" the Sailors.

MANY years ago there was moored at Malta, one Saturday morning, a brand-new battleship just fitted up with what was then quite new and mysterious—a wireless installation.

Now it was the custom then, as it still is, to the great discomfort of H.M. Navy, to wash down decks every Saturday morning, and on this particular day bare-footed bluejackets were vigorously plying their water-hoses all over the quarter-deck.

What was "amusing and surprising," but quite unpublishable, was the language of those same bluejackets when they received electric shocks whenever the water from their hoses came in contact with the down lead of the transmitting aerial, which was then being tuned up with a powerful plain aerial spark—Lt.-Col. Chrysanthus Crawley, 34, Alexandra Road, S.E. 10.

The Cat Was Innocent.

I PUT the head phones on my spaniel puppy a few nights ago for the first time. She listened very attentively to the music and the announcer, but when a soprano began to sing, she immediately turned and stared suspiciously at the cat—A. R. McLaren, "Ryhall," Plumpton, Sussex.

Slightly Mistaken.

ONE night recently a friend who knew very little about wireless came to my house to listen. Noticing the darkened part of the valves, he asked: "What's the matter with them, have they been smoking?"—J. T. Hymas, Jour., Prospect House, Burton Leonard, Harrogate.

Whiskers!

A MAN came into the wireless store where I am employed and asked what cats' whiskers are made of. He said he had a valuable Persian cat and one morning, after the animal had been out all night, he noticed that some of its whiskers were missing. If anyone had cut them off to use for their wireless sets, he said indignantly, he would prosecute them!—J. J. Mawby, 106, Howard Road, Leicester.

A Light Reason.

"You know I envy you having the wireless," said a friend who came to tea one afternoon. "I should have one myself, but we haven't got the electric light laid on."—Mrs. Plaistow, 17, Stanhope Road, Highgate, N.6.

Why He Failed.

AT a farm in Devon, where I spent my summer holidays, a labourer who had rigged up an aerial between his house and a nearby barn, found he could get no results whatever. Thinking the trouble was caused by birds sitting on the wire, he fixed up a scarecrow on the roof of the barn, but without any better results. Finally, it was discovered that no connection had ever been made between the aerial and his lead-in wire.—Miss E. Beevis, 85, Cressfield Road, West Acton, W.3.

The Dancing Porpoises.

DURING the summer months, I was on board a steamer, off Ushant, listening to dance music played from London, and received on a powerful loud speaker set. One afternoon a shoal of porpoises following the boat seemed to be attracted by the music, and while it lasted, hopped up and down and over in the water keeping correct time to the tune.—H. Gunzer, 98, Churston Avenue, Upton Park.

LISTENERS will enjoy reading in book form these delightfully written Anniversary Talks that are broadcast every evening and which have just been published under the title of "A Minute a Day" by Messrs. Herbert Jenkins at 6s. net. It will come as a surprise to most people to learn that the author of the smallest, though one of the most popular features of the programme, is the A. Bonnet Laird whose name is as familiar as the country-side. Talk he gives from London each Wednesday.

Programme Pieces.

A Weekly Feature Conducted by
Percy A. Scholes.

PARTS OF "THE RING OF THE
NIBELUNGS."

(LONDON AND OTHER STATIONS, MONDAY,
TUESDAY, AND FRIDAY.)

LAST week, an Act from Wagner's great Cycle of music-dramas, *The Ring*, was described in these columns. Two more Acts are to be given this week, and *Siegfried's Funeral March* is in the Liverpool programme for Tuesday; listeners who are not thoroughly familiar with the whole work should turn back and read at least the first two paragraphs of last week's article.

ACT II. OF "SIEGFRIED."

In the gloom of forest night, by the entrance to a cavern the Nibelung dwarf, ALBERICH (*Bass*), is seen. He it was that first stole the Rhine Gold and made of it the Ring. He has long since lost it and now watches at the entrance to the cave where Fafner (once giant, now dragon) guards the Ring and the rest of the Gold. Alberich expects the young hero, Siegfried, to come here and slay the dragon, and hopes he may himself regain the Ring by strategy.

WOTAN (*Bass*), god of gods, now appears under guise of "The Wanderer." Alberich gives him no words of welcome, for Wotan tricked the dwarf of the Ring (and himself forfeited it in turn). But "The Wanderer" suggests to Alberich that he warn the dragon of Siegfried's approach, and offer to avert the fight if Fafner will give him the Ring. They rouse the dragon, FAFNER (*Bass*), but he is not perturbed. The Wanderer laughs and leaves Alberich, who, grumbling, withdraws into a cleft.

As day breaks, Alberich's brother-dwarf, MINE (*Tenor*), approaches with his foster-child, SIEGFRIED (*Tenor*). The young hero, Siegfried, who has some of Wotan's own blood in his veins, is destined by the god to regain the Ring. Mine, of course, knows all about the Ring, and hopes to gain it himself through Siegfried's aid. He now brings Siegfried to the lair of the dragon who is to teach fear to this fearless youth.

Mine gives Siegfried a terrible description of the dragon. But Siegfried drives Mine away contemptuously, then lies down on a bank and listens to the ravishing marmurous sounds of the forest. He hears the rapturous song of a bird and wishes he could understand it. But he cannot even answer it on a reed which he cuts; so he blows his hunting-horn.

By this Fafner is roused, and emerges from the cave. Siegfried fights and kills him.

When he has tasted the dragon's blood, he is able to understand THE VOICE OF A WOOD-BIRD (*Soprano*) which tells him of the treasure, and he enters the cave. Mine and Alberich slink back. They meet and, of course, quarrel, since both of them covet the Ring. When Siegfried returns from the cave, they withdraw. The Bird warns Siegfried against Mine. Mine returns, and tries to poison Siegfried, pressing on him a refreshing draught after his fight. Mine's nervous patter is a confusion of threats and flattery. Siegfried's response is to strike him dead.

Wary, Siegfried lies down again on the bank, and appeals to the Bird. The Bird now sings to him of a glorious bride who awaits him, sleeping on a rock, guarded by fire—BRUNHILDE (Wotan's "wild-maid," who has disobeyed the god, and is condemned to be the wife of the mortal who finds her; but Wotan has yielded to her pleadings that she shall be surrounded by a great fire that only this hero of heroes may win her).

Siegfried's whole being is thrilled by the ravishing song of the Bird, who flies before him, leading him to Brunhilde.

(Continued overleaf in column 3.)

Listeners' Letters.

Listeners are reminded that we do not consider anonymous letters for publication. Preference is given to letters which contain references with brevity. The Editors' address is 8-11, Southampton Street, Strand, London, W.C.2.

Do Professors Ever Dance?

PROFESSOR W. C. WHITTAKER, in his article on "The Future of Music," in *The Radio Times*, speaks of the "worthless music associated with the more frivolous theatrical entertainments," and "the drivel of the music-hall and the nag of the jazz." I would not dare to argue with anyone about the merits of classical music, still less with a professor; but is it fair to call the lighter and frivolous types of music worthless?

There is a time for everything and man is a many-sided being. We do not always want to be reading Shakespeare, perfect as his English is. It is frequently a real joy and relaxation to turn to the light and frivolous. So with music. I unashamedly confess that times without number when I take up my ear-phones I would sooner listen to "Show Me the Way to Go Home" than to Beethoven's "Moonlight" Sonata, much as I love the latter.

Many of us want not only education, but relaxation in radio. Life is serious enough as it is, and a lapse into the frivolous is good for the soul. "Worth" is a relative term, and the lift of dance music will often do more good to a tired mind than a Brahms recital. Do professors ever dance? I hope so, for their own sakes.—FRANK TINKHAM, Carate, St. Paul's, Truro, Cornwall.

Keeping Children Young.

I THINK the article by Mrs. Masterman, in *The Radio Times*, under the heading "Do You Like the Children's Hour?" is grossly unfair to the B.B.C. Children do not need teaching—in the strict sense of the word—all day long, and surely any normal child would bolt from the room at the mere mention of Children's Corner, if teaching were the rule.

Children need entertainment quite as much as the grown-ups, and no one who loves children would wish to see their Corner turned into an educational one, and thereby putting old heads on young shoulders. The kiddies have a fair proportion of "star" turns and appreciate them, but the programme would not be complete without some "patter" or "back-chat" between the uncles and aunts, which, after all, is not harmful in any way.

I, for one, say, carry on as usual and let us keep our children with us as long as possible.—M. H. Chelmsford.

Discouraging the Uncles.

As a constant listener to the Children's Hour, I think that some of Mrs. Masterman's remarks in your paper are not only crushing, but most discouraging to those Uncles and Aunts who are doing their best to speak naturally and simply to the kiddies. It is the very "amateurishness" (to quote Mrs. Masterman) by which the success of the Children's Hour is achieved.—ANDREW MONTAGUE-SMITH, Ardleigh, Chipstead, Surrey.

"Those Talks."

WHILE the opposing opinions on programmes can never be fully reconciled, there might be common ground in agreeing that any non-musical item which can be easily sought and read, and which does not greatly gain in value by the personality or delivery of the speaker, is not a suitable broadcast item. News and weather reports must be excepted, as these depend upon the time factor. The Horticultural Bulletin is an example of the item which is better printed and more likely to be followed by leisurely reference.

Similarly, the announcer's remarks on composers would be no less interesting if printed adjacent to the item. Why waste golden minutes in saying what could be read by those who wish to know it? I think that music unduly dominates the

programmes. Strawberries would suffice, if we had them all the year round. We are tending to undervalue exquisite music by having an excess of it.

Let us have more expert talks and more plays. Whilst music is a transient pleasure, the views of the scientist, the discoveries of the explorer, and the emotions of the actor leave us satisfied when we each ask ourselves: "What have I acquired this evening?"—F. RATCLIFFE, 7, The Green, Twickenham.

Little Listens to Davenry.

I AM an Englishwoman living with a French family who possess a four valve wireless installation. Naturally, it is possible to capture most European posts, but I find it difficult to conceal the feeling of pride and pleasure which I have, when the Frenchman, after having tried several stations, is naturally, but sometimes reluctantly, attracted back to Davenry—firstly, by the clearness of its transmission and secondly, by the variety of the London and Davenry programmes, which he realizes are selected to suit all tastes.

Sometimes a wish is made that more dance music, not necessarily "jazz," should be included occasionally at about 7.30 p.m., but, of course, the English listeners come first.

The Frenchman is very gracious in his admission of the superiority of English transmissions, and is immensely flattered by the fact that a good proportion of French music is included. Would not this be one way of retaining amicable relations between the two countries in the future?—EILEEN DONOVAN, Lille.

Radio and Shorthand.

WITH reference to your paragraph with the above title, it may interest you to know that for the last fifteen months I have used the wireless extensively for speed practice. Not only have I used it myself for reporting most of the speeches that come through after 10 p.m., but during the day the School Talks are reported by the students in my school. The talks and speeches are of the utmost value from the shorthand writer's point of view.—GEO. W. VERNON, 32, Creeby Road, West Bridgford, Notts.

Wanted: A New Call.

I SHOULD like to suggest an alteration in the "calling" of the stations. There are thousands of us listeners who are not so alert in hearing as when we were younger, and it would be a real boon to us and could not conceivably be objected to by others if the present form of, say, "London calling" were altered to "Station calling—London," with a momentary pause between the word "calling" and the station.

This form would prepare the ear for the name, which at present falls suddenly on the ear with, if anything, a slight emphasis on the "calling."

Even in church the number of the hymn is generally repeated, though if still missed, it can be obtained from one's neighbour, but this is impossible in wireless.—FRED WEBB, Worcester.

Wireless While at Work.

WE have a wireless set in the laundry here so that our girls can listen while they work.

As we only work until 4.30 p.m., we are always glad when entertainments begin early.—G. MARGARET, Spelthorne S. Mary, Bedford, Feltham.

The Nazi "Noises."

HENK is a suggestion for the next "Stunt"—let the B.B.C. invite all listeners who have cats and dogs to leave their loud speakers on when they go to bed on a given night, and then relay a performance from The Tles.—INSOMNIA, London.

Are You a Middle-Brow?

Going to School by Wireless. By Clarence Winchester.

Too much has been heard from the radio high-brow who treats with scorn the rather jolly jazz programmes, and from the radio low-brow who looks with contempt upon Einstein's theory and kindred interesting subjects. It is time that something was said on behalf of the middle-brow who can take with perfect equanimity judicious doses of both jazz and Einstein.

The high-brow is a prig with his erudition. The low-brow is a "mug" in his ignorance. The middle-brow is the listener who is ever ready to enjoy light items when he is in a light mood and to learn something fresh when his mind is receptive to information.

I am a middle-brow, like the majority of listeners, and accordingly I welcome the inauguration of the "Broadcast University."

Room for Improvement.

Because the middle-brow can trip lightly to the strains of the Savoy Band, he is none the less capable of adding to his normal store of knowledge. Because he would like to know something about heredity, or the meaning of progress, or of man before history he is none the less joyous when he hears the saxophone. Indeed, he is one of the bulk of listeners who marvel at the comprehensive nature of the programmes, without being blind to the fact that there is room for further growth and improvement.

He knows that it is very pleasant to learn new things, if you are interested in those things. With Shakespeare he says:—

No profit goes where no pleasure ta'en;
In brief, sir, study what you most affect.

Nobody need be frightened of being educated, even by wireless. It is a pleasing process if your interest is aroused; and, if interest is not aroused, it is easy to switch off and wait a few moments for the jazz. It is easy, too, to blame the speaker for having failed to tickle your intellectual palate—and to wait for another who will give you profit and pleasure!

Moments for Feeling.

As a middle-brow, I draw swords with the low-brow and claim that education never did anyone any harm; I draw swords with the high-brow and challenge him to deny that there are moments for feeling and moments for schooling.

The middle-brow is welcoming the broadcast 'variety courses, for the simple reason that education proper must often than not begin in earnest when school days finish. Much of that education comes from the bitterness and sweetness of life—and much of it from books; but, try as we will to engage in book-learning, some of us find that the spoken word leaves a more indelible impression on the mind. That is why so many students go to night classes and university extension lectures. For myself, I sit in front of the loud-speaker, notebook in hand, and record the salient points of lectures in which I am interested.

Learning in Comfort.

Some may say that this is learning with laziness. I would rather say that it is learning in comfort, for I have sat on hard class-room desks for many hours until the physical aches have ousted any mental ambitions I may have had. I am, you see, just a middle-brow, and I have yet to hear any logical reason for gaining knowledge with a maximum of discomfort.

The universality of the wireless 'variety is its most praiseworthy feature. Whether you live in Mayfair or Limehouse, or at Land's End or John o' Groats, you are not deprived of this practically free learning. It is the only truly democratic system of education; and whether you wear dress clothes or corduroys, the information broadcast is always at your service.

Whether the time will come when the B.B.C. control an educational centre on a special wave-length I do not know; but I feel safe in prophesying that one day there will be wireless examiners who will receive papers from these middle-brows who, like myself, would like to check what they have learned and hold a periodical mental stocktaking. The fancy lends itself to further exploitation, but we shall of necessity go slowly in a spirit of inquiry and useful experiment.

In the Minority.

French is already part of the curriculum. It would be well if we could add English, for if language is the machinery for the inter-communication of thought, then the teaching of English is the first essential in successful wireless education. Too many of us speak bad French before we have troubled to speak intelligible English—the language which is the communicating medium between wireless teacher and wireless student.

I admit that there are some people who do not wish to be intelligible—they are usually very high-brow or very low-brow; but they are in the minority. Most of us are middle-brows, earning our daily bread, desiring amusement and instruction, having our gay moments and our serious moments; and, accordingly, listening to whatever entertains or instructs us.

If I have misjudged the number of middle-brows, I shall be astonished.

SONGS WORTH KNOWING.

"Linden Lea."

THIS Dorset song, the words by W. Barnes, has been set to music by R. Vaughan Williams. We publish the words by permission of the publishers, Messrs. Kegan Paul and Co.

WITHIN the woodlands, flow'ry gladed,
By the oak trees' mossy noot,
The shining grass blades, timber shaded,
Now do quiver under foot,
And birds do whistle overhead,
And water's bubbling in its bed;
And there for me, the apple tree
Do lean down low in Linden Lea.

When leaves that lately were a springing,
Now do fade within the copse,
And painted birds do hush their singing,
Up upon the timber tops;
And brown leaved fruit's a-turning red,
In cloudless sunshine overhead,
With fruit for me, the apple tree
Do lean low down in Linden Lea.

Let other folk make money faster,
In the air of dark-room'd towns;
I don't dread a peevish master,
Though no man may heed my frowns,
I be free to go abroad,
Or take again my homeward road,
To where for me, the apple tree
Do lean down low in Linden Lea.

A TORQUAY correspondent asks us to issue a warning to any of our readers who may be users of battery chargers at home against the practice of bringing naked lights near whilst charging is proceeding.

When thus charging his accumulator, he lighted a match to see how the work was progressing, when an explosion took place, blowing out one of the plugs and causing the acid to get into his eyes—fortunately, without serious results, although forcibly reminding him of the reporter who, being instructed to write up a motor accident, sent in a note as follows:—

"John Smith lit a match to see if there was any petrol in his tank. There was. Age forty-seven!"

Programme Pieces.

(Continued from the previous page.)

ACT II. OF "THE TWILIGHT OF THE GODS."

The dull-witted Gunther, survivor of the Gibichung race, has accepted the counsel of his crafty half-brother Hagen (son of Alberich) to seek to gain Brünnhilde as his wife. To this end, they use Siegfried, who has come to them, wandering in quest of heroic adventure. Through a love-potion, he forgets his love for Brünnhilde, falls in love with Gunther's sister, Gutrune, and agrees to give Brünnhilde for Gunther.

Once again Siegfried plunges through the fire this time disguised as Gunther. He seizes Brünnhilde by force, wrests from her the Ring, which he had given her as pledge of his love, and brings her down the mountain, disappearing, and leaving her with the real Gunther.

When ACT II. opens, HAGEN (Bass) sleeps at night outside the Gibichung's Hall by the Rhine. To him comes his father ALBERICH (Baritone), and foretells the downfall of the gods and urges him to gain possession of the Ring.

With the breaking of day, Alberich departs, and SIGMUND (Tenor) returns. Hagen summons GUTRUNE (Soprano), and Siegfried tells them how he has gained Brünnhilde, who follows behind, led by Gunther. Siegfried enters the Hall with Gutrune to prepare for the double festivities. Hagen summons THE VASSEN (Bass and Tenor) for the rejoicings. (Later, women also join the throng.)

Presently, GUTRUNE (Baritone) brings BRÜNNHILDE (Soprano) in a boat to the shore and leads her into the midst of his people.

Brünnhilde's perplexity is increased tenfold when she finds Siegfried here, and his name coupled with Gutrune's, and finds him wearing the Ring, pledge of his love, which she thought Gunther had stolen from her. She cries out vehemently against Siegfried, saying that she is his wife and he has been false to her. But Siegfried is still under the spell of the love-potion, and remembers nothing of his love for Brünnhilde.

For a long time these two are at cross-purposes. Brünnhilde hardly controlling her shame and passionate wrath.

At length Siegfried swears his innocence on Hagen's spear-point. Brünnhilde strides forward, tears Siegfried's hand from the spear-point, and places thereon her own hand, swearing that he has broken all his vows.

Finally, Siegfried makes light of Brünnhilde's outburst, and gaily leads off Gutrune into the Hall. Everyone follows him but Brünnhilde, Hagen, and Gunther, who stay behind.

Hagen says that Siegfried must be put to death for his treachery. Brünnhilde tells Hagen that Siegfried is invulnerable except in his back, which needs no protection, for he would never turn his back to a foe.

Gunther is overcome with grief, but is persuaded by Hagen to agree to their plot against Siegfried; and all three solemnly vow that Siegfried's blood shall atone for his crime.

FUNERAL MARCH FROM "THE TWILIGHT OF THE GODS."

Hagen has persuaded Siegfried to relate to the people the story of his life, giving him a draught which restores his memory. Siegfried unthinkingly tells of how he first won Brünnhilde—for himself. The people spring up in amazement, and Hagen thrusts his spear into Siegfried's back. Siegfried dies, calling on Brünnhilde.

In the course of SIGMUND'S FUNERAL MARCH, his body is borne away on a bier by the vassals. In this most imposing and impressive funeral music we have almost the whole of the great drama recalled.

LONDON PROGRAMMES.

Week Beginning
November 15th.

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The High-Power (Daventry) Programme will be found on page 352.

SUNDAY, Nov. 15th.

Star Band Concert

CEDRIC SHARPE
GORDON BRYAN
HE SALISBURY SINGERS.

THOMAS BATES
Les Pléiades Song

MARYAN ELMAR
The Last Waltz

Lucille La Verne
Short Recital of Stories.

4.35 (approx.) CEDRIC SHARPE
The Salisbury Singers
Lonely Boy

W. de and Music by Richard

MARYAN ELMAR
London Round

Religious Service.

Wendell Feasting I Watch

Religious Service.

0.15.—Hymn, "O Jesu, Thou Art Standing" (A. and M. 188).
Bible Reading
Anthem, "God That Madest Earth and Heaven"

Address by the Rev. E. D. JARVIS, Muswell Hill
Hymn, "Now That the Daylight"

Local News

VIVIENNE CHATTERTON
THE LONN WHISTLES
L. STANTON JEFFERIES.
THE ORCHESTRA.

2.15
Ambrose Gauntlett
VIVIENNE CHATTERTON
Sally Sings

THE ORCHESTRA
Pulse Music
Solo Violin, S. Kneale Kelley

Four Old English Songs

10.15 THE ORCHESTRA

MONDAY, Nov. 16th.

3.15.—Transmissions to Schools: Mr E. Kay Robinson, "British Plants: The Meaning of a Flower."

4.0.—"Vogues and Vanities," by Carmen of Cockayne.

6.40.—Mrs. Hugh Spender, "Reminiscences of Greece"

7.0.—TIME SIGNAL

7.10
"Engraved"
Performed by the B.N.O.C.

8.40
"FOR ENGLAND."

FRANK H. SHAW

General Chiropractic VI

10.15 THE ORCHESTRA

11.0.—Close down

11.0.—Close down

11.0.—Close down

11.0.—Close down

11.0.—Close down

TUESDAY, Nov. 17th.

10.20
The Holborn Restaurant
H. Walford Davies, Mus. Doc.

4.15
Pavilion

5.15 CHILDREN'S CORNER

6.0
G. LADY HAY

6.0
G. LADY HAY

(Continued on the next page.)

EVENTS OF THE WEEK.

SUNDAY, November 15th
LONDON, 4.15. Lucille La Verne in a Short Recital
BIRMINGHAM 8.30. Birthday Programme
BOLRNEMOUTH 8.35 Picture "Anna Dornay: The Flight into Egypt."
CARDIFF, 8.10.—"First Concert of the Cardiff Musical Society," relayed from the Park Hall, Cardiff
MANCHESTER, 8.30.—A Russian Programme.

MONDAY, November 16th.
BIRMINGHAM, 10.30. Short Recitals.
BOLRNEMOUTH, 8.40. "John Citizen at Home"
CARDIFF, 7.30. "A Varied Programme"
NEWCASTLE, 9.15. "Radio Radiance."
GLASGOW, 8.0. The Sonatas of Beethoven.
TUESDAY, November 17th.
LONDON, 8.0. Musical Comedy Memories.

WEDNESDAY, November 18th
LONDON, 10.30.—The Week's Feature.
CARDIFF, 8.0 8.6.—"The Spirit of Welsh Music."
MANCHESTER, 8.0.—A Yorkshire Night
THURSDAY, November 19th.
MANCHESTER, 8.45.—"Schubert."
NEWCASTLE, 8.30.—Schubert Anniversary Concert.
GLASGOW, 8.30. "Bach."
FRIDAY, November 20th,
LONDON, 9.0.—Oscarbach Folkies.

BIRMINGHAM, 8.30.—Children's Concert.
BIRMINGHAM, 9.15. Radio Radiance.
NEWCASTLE, 8.0.—Symphony Concert.
SATURDAY, November 21st
LONDON, 8.0.—Donald Colthrop's At Home.
MANCHESTER, 8.0.—Grand Opera, "Romeo and Juliet" (Conrad), relayed to "5XX"
ABERDEEN 9.0.—Songs from "The Lady of the Lake" (Macfarren).

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365 M.

LONDON PROGRAMMES.

(Continued from the previous page.)

Week Beginning
November 15th.

7.0.—TIME SIGNAL FROM M. J. G. TO
BEN WEATHER
CAST and 1st. NEWS BULLETIN
Mr. R. C. MINCHIN

7.25.—M. J. G. TO M. J. G. TO

7.40.—Mr. JAMES A. E. D. A. D. A. D.

Bright and Breezy.
8.0. THE ORCHESTRA
8.15. M. J. G. TO M. J. G. TO
MEMBERS

WIN. J. G. TO M. J. G. TO
FOR E. J. G. TO M. J. G. TO
JAMES WHITFIELD
RAYMOND H. J. G. TO M. J. G. TO

9.45. M. J. G. TO M. J. G. TO

10.0. TIME SIGNAL FROM M. J. G. TO
FORECAST and 2ND GEN-
ERAL NEWS BULLETIN.
Mr. J. G. TO M. J. G. TO

10.40. M. J. G. TO M. J. G. TO
at the Carlton Hotel

12.0. M. J. G. TO M. J. G. TO

WEDNESDAY, Nov. 18th.

10.20.—Time Signal from M. J. G. TO
Orchestra, from M. J. G. TO

5.15. M. J. G. TO M. J. G. TO
My Part of the Country

1.15. Music relayed from the Capitol
Theatre, Haymarket

5.15. CHILDREN'S CORNER
Piano Improvisation by M. J. G. TO
Temple on the Hill by M. J. G. TO

6.0. Light Music

7.0. TIME SIGNAL FROM M. J. G. TO
CAST and 1st. NEWS BULLETIN

The Name of Musician Son of
Folk prepared by M. J. G. TO

E. H. BARTON
Light Music

7.40. M. J. G. TO M. J. G. TO
ERICK C. LINFIELD

HE MADDEN COLLEGE

7.0. M. J. G. TO M. J. G. TO

7.30. M. J. G. TO M. J. G. TO

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1.15. M. J. G. TO M. J. G. TO

Ninth Children's Concert.

THE PEOPLES CONCERT

1.0. M. J. G. TO M. J. G. TO

1.15. M. J. G. TO M. J. G. TO

1.30. M. J. G. TO M. J. G. TO

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6.45. M. J. G. TO M. J. G. TO

FRIDAY, Nov. 20th.

10.0. M. J. G. TO M. J. G. TO

10.15. M. J. G. TO M. J. G. TO

(Continued in column 4, page 350)

BIRMINGHAM PROGRAMMES.

(Continued from the previous page.)

4.45.—Afternoon Topics: Asseline Lewis, in collaboration with Madame Mollweiss (Directrice de l'Ecole Domestique et Sociale, Paris), "The Preparation of 'Fetters' in France."

5.55.—Children's Letters.
LOZELLS PICTURE HOUSE

Conductor, PAUL RIMMER.
7.0.—Mr. Gil Evans (International Inter-University Referee), Rugby Football.

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

7.10.—A Summary of the Wireless Papers for the Week, S.B. from London.
8.0.—Opera.

7.30.—"THE TWILIGHT OF THE GODS" (Act II), relayed from the Opera House, Manchester.

8.30 (approx.)—A Children's Concert.
Under the Direction of Mrs. L. WEBB.
CYRIL JOHNSON'S BOYS' ORCHESTRA.

(Ages 10-13.)
Cadet's March "de Ville"
MARJORIE ASHTON (Age 14)
Song, "The Garden of Your Heart"
IDA THOMAS (Age 13).

CHARLES WARREN (Age 12)
Violin Solo, "Serenade"
PETTY HUTCHINGS (Age 15)
Song, "The Garden of Your Heart"

JACK HARRIS (Age 10)
Recital, "Jack"
MARJORIE BATES (Age 16)
Piano Solo, "Serenade"

BOBBY DEVLILLE (Age 13)
Song, "I Will Sing of Thy Great Name"

CYRIL JOHNSON'S BOYS' ORCHESTRA.
Musical from Symphony No. 24 in B-flat

9.15.—Radio Pastiche.
(5th Edition.)

Played by
A COMPANY OF WELL-KNOWN LONDON ARTISTS.

FEDIE MORRIS
JEAN ALLISTONE
JAMES WIRGHAM,
IRIS WHITE,
TOMMY LAMLEY,
MAUDIE DUNHAM,
and

CHORUS OF DANCING RADIOS.

Book by Jack Heltier.
Popular Musical Numbers.
Directed by
JAMES LESTER and
R. E. JEFFREY

10.0.—WEATHER FORECAST and NEWS, S.B. from London.
Ministry of Agriculture Talk by Mr. J. B. JESSE, S.B. from London. Local News.

10.30.—Song Recital

WINIFRED DAVIS
(Mezzo-Soprano).

"Sea Wrack"
"Two Bird Songs"
"Were I a Rose"
Two Parodies of Nursery Rhymes

11.0.—Close down

SATURDAY, Nov. 21st.

3.45.—Dante Music by the "Decameron" and "Buffalo" Orchestras.

4.45.—Afternoon Topics: Mr. G. F. J. BURNETT, M.A., "Data." Marjorie Royce (Soprano).

5.15.—CHILDREN'S CORNER.

5.55.—Children's Letters.

6.0.—LOZELLS PICTURE HOUSE ORCHESTRA

Conductor, PAUL RIMMER.
7.0.—WEATHER FORECAST and NEWS, S.B. from London.

Mr. R. M. RIDLEY "Patriotic Poetry." S.B. from London.

7.25.—Music from the "Serenade"

7.40.—Mr. H. F. FARMER Travel Talk No. 1, "Electric Eels, Water Snakes and Other Water Creatures."

THE STATION ORCHESTRA.

JOSEPHINE LAMB.
MONA WASHBOURNE
(Songs at the Piano).

FRANK THOMPSON
(Lectures).

8.0.—Music and Song.

THE ORCHESTRA.

Overture, "The Arcadians"
Monckton and Talbot

JOSEPHINE LAMB.

"Dream of Day Jilt"
"I am Meant to Make My Glad"
"Merris England"

MONA WASHBOURNE.
Vocal Solo

A Simple Little String

"I Really Can't Say"

THE ORCHESTRA

Selection, "A Princess of Kensington"

JOSEPHINE LAMB.

"The Blackbird"
"Buy My Strawberries"
"Down Vauxhall Way"

"Il Bacio"
THE ORCHESTRA.
Selection, "A Son from Me"

FRANK THOMPSON
"The Welshman in London"

"Disappearances"
MONA WASHBOURNE

"Bread and Cheese and Kibbles"
Heavy music by Louis

"Mister Baby"
FRANK THOMPSON

"Asking Papa"
THE ORCHESTRA

Selection, "I"
Rubens and Wand

10.0-12.0.—Programme S.B. from London.

10.30.—Close down

BIRMINGHAM NEWS.

ON Sunday, November 18th, at 8.30 p.m., a special Birthday

Birmingham Station, with an address by the Rev. J. L. White, of the Church, Newcastle.

contains the nature of Mr. Harold Casey (baritone), and Mr. Percy Edgar (soprano).

Mr. Sidney Rogers, F.R.H.S., has selected "New Poinsett Flowers" as the subject of his Monday talk.

Mr. Rogers is the recipient of a small, but steady stream of letters from interested listeners, and there is no doubt that his weekly contribution on horticulture, whether it describes work in the flower garden, the orchard,

peas, or vegetable cultivation, is regularly awaited and made a note of by all the listeners.

In the Children's Corner, on Tuesday, November 17th, Mr. Norman E. L. Gurst, B.A., will give a historical

Pageant. Mr. Gurst gave a number of historical talks last winter, and these talks are a continuation of the historical talks given then.

Dramatic Stories.

Miss Gladys Ward, who is giving No. 5 of her Dramatic Stories, was not her fault, as she says. When she was twelve, she began to read everything that came her way, and when she was in her teens, she went to the Academy of Music with the idea of studying the art of elocution, and she thinks that it was this inclination to the subtle beauties of the English language that decided her in the

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London Programmes

(Continued from page 348.)

9.3.—2nd Version.)

DORIS VANE
VIVIEN LAMBELE,
CLADYS PALME,
JIM CLAYTON

LEONARD HILKAR
JOSEPH FARRINGTON
STUART ROBERTSON

10.0.—TIME SIGNAL FROM
GREENWICH WEATHER
FORECAST and 2ND GEN-
ERAL NEWS BULLETIN S.B.

Ministry of Agriculture To
Mr. J. B. JESSE
Ministry of Agriculture
Ministry of Agriculture
Ministry of Agriculture

10.30.—Close down

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11.30.—Close down

12.0.—Close down

12.30.—Close down

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3.30.—Close down

4.0.—Close down

4.30.—Close down

5.0.—Close down

5.30.—Close down

To the Honorable
 The Senate
 of the State of New York
 in Session
 at Albany, January 1, 1900.
 I have the honor to acknowledge the receipt of your
 resolution, passed at the session of the Senate, held at
 Albany, on the 21st day of December, 1900, in relation
 to the appointment of a commission to inquire into the
 condition of the State of New York, and to report thereon
 to the Senate at its next session.
 I am, Sir, very respectfully,
 Your obedient servant,
 J. B. ALBANY, N. Y.
 J. B. ALBANY, N. Y.

[illegible][illegible]

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1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

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$$\begin{aligned}
 & \text{17) } T = \{T_1, \dots, T_n\} \text{ — множество транзитивных замыканий } T_1, \dots, T_n \\
 & \text{18) } T = \{T_1, \dots, T_n\} \text{ — множество транзитивных замыканий } T_1, \dots, T_n \\
 & \text{19) } T = \{T_1, \dots, T_n\} \text{ — множество транзитивных замыканий } T_1, \dots, T_n \\
 & \text{20) } T = \{T_1, \dots, T_n\} \text{ — множество транзитивных замыканий } T_1, \dots, T_n \\
 & \text{21) } T = \{T_1, \dots, T_n\} \text{ — множество транзитивных замыканий } T_1, \dots, T_n \\
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 \end{aligned}$$
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 101 The New American Music
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THE UNIVERSITY OF CHICAGO

[illegible]

1. The first part of the text discusses the importance of the "National Day" (National Day) and the "National Day" (National Day) in the context of the "National Day" (National Day) and the "National Day" (National Day).

THE UNIVERSITY OF CHICAGO

CONCLUSIONS

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CARDIFF PROGRAMMES.

Week Beginning
November 15th.

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

The High-Power (Daventry) Programme will be found on page 352.

SUNDAY, Nov. 15th.

THE LANCE OF THE
REGIMENT.

(By permission of Lieut.-Col. T. G. Matman and Officers.)

1.30. HENRY ST JOHN (Tenor).

THE BAND.

1.30. HENRY ST JOHN (Tenor).

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1.30. HENRY ST JOHN (Tenor).

THE BAND.

"The Hymn of Praise."

A. S. M. C. O. B. A.

DOROTHY SILK (Soprano).

JOHN COATES (Tenor).

RITA MATTEL (Second Soprano).

THE CHOIR OF THE

10.45.—Close down.

MONDAY, Nov. 16th.

12.30-1.30.—Lunch-time Music from

Cox's Café. Music by the

2.30-3.0.—Organ Recital relayed from

the Capital Cinema.

3.0-4.0.—The Station Trio. Frank

1.30. HENRY ST JOHN (Tenor).

THE BAND.

1.30. HENRY ST JOHN (Tenor).

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1.30. HENRY ST JOHN (Tenor).

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1.30. HENRY ST JOHN (Tenor).

THE BAND.

A Varied Programme.

LEONARD BUSFIELD

(Solo Violin).

RAY WALLACE

(Entertainer).

THE STATION ORCHESTRA

WARWICK BRAITHWAITE

Music.

7.40. "STEFERIE" (A. H. H. H.)

8.30. THE ORCHESTRA.

Over the

LEONARD BUSFIELD.

Arranged

W. I. Orchestra

Over the

"The Admiral's Galliard"

8.50. THE ORCHESTRA

The

THE WA RADIO

ILLIERS

"THE MONKEY'S PAW"

A

by W. W. Jacobs.

Devised

by Louis N. Parker

Mr. White

Frederick CULLEY

Mrs. White.

KATE MAWLE

Herbert

SHIRLEY EVANS

Sergeant Major Morris

DONALD DAVIES

Mr. S. J.

DAVID THOMSON

Merriment.

THE ORCHESTRA

H. H. H. H.

Hammer

RAY WALLACE.

"Puff Puff"

K. Morris and R. P. P.

"Mother's Mother" U. S. Stearns

10.30. BERT FIRMAN'S DANCE

12.0.—Close down.

WEDNESDAY, Nov. 18th.

12.30-1.30.—Lunch-time Music from

Cox's Café. Music by the

London Orchestra.

3.0.—Organ Recital, relayed from the

Park Hall Cinema.

THE ORCHESTRA.

Surge, "As You Like It" Quilley

"Shepherd's Holiday" "Even

in the Forest" "Morcy

10.30. Pianoforte Recital

by

GORDON DRYAN

Two Sonatas, B Minor and C

Major

"Passepié" "Delibes

"The Old Musical Box"

"Vieille Danse" "En Route de

Musique" "En Route de

Stades, E. Major and C. Major

11.0.—Close down.

TUESDAY, Nov. 17th.

3.0.—A Short Concert of Gramophone

3.15.—School Transmission: "The

Magia Crystal" (7) The

Peasant's Revolt, by Mr.

Guy Pocock, M.A.

3.45. The Station Trio: Frank

Thomas (Violin) Frank White

Thomas (Violin) Frank White

11.0.—Close down.

5.0. CARDIFF RADIO "FIVE

O'CLOCKS" "Five O'Clocks

10.30. CHILDREN'S CORNER.

10.45.—"The Letter Box."

11.15.—"Teens' Corner: "The Young

12.0.—Close down.

7.0. WEATHER FORECAST and

NEWS. S.B. from London.

Mr. F. J. HARRIES "The

Rising of King Monmouth"

12.0.—Close down.

7.0. WEATHER FORECAST and

NEWS. S.B. from London.

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Rising of King Monmouth"

12.0.—Close down.

7.0. WEATHER FORECAST and

NEWS. S.B. from London.

Mr. F. J. HARRIES "The

Rising of King Monmouth"

10.30. CARDIFF RADIO "FIVE

O'CLOCKS" "Five O'Clocks

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MANCHESTER PROGRAMMES.

Week Beginning
November 15th.

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

The High-Power (Daventry) Programme will be found on page 352.

SUNDAY, Nov. 15th.

A Russian Programme.

WALTER HAY

THE STATION ORCHESTRA

Conductor, F. H. MORRISON

3.30. THE ORCHESTRA

"Ivan the Terrible"

"Musketyer"

WALTER HAY

A Pleading "O. But to Hear"

"My Voice" "To the Forest"

THE ORCHESTRA

"Lasse-Nuette"

EFFIE MANN

"Before My Window"

"To the Child"

"The Soldier's W"

THE ORCHESTRA

"Music for the Children"

8.10. Mr. S. G. HONEY Talk to Young People.

Service.

Rev. A. D. HIDE

"Religious Address"

8.15. Local News.

Vocal and Instrumental.

DALE SMITH (Baritone)

ALFRED BARKER (Solo Violon)

MEDEL (Blind Pianist)

ALFRED BARKER

2nd Movement of Violon Concerto

DALE SMITH

"The Day's End"

MEDEL

"The Last Chord"

"Hallelujah Chorus"

"O'er the Mountains"

"Palm Moon"

"Spanish Serenade"

"Serenade"

DALE SMITH

"Hear My Prayer O Lord"

"I Will Lift Mine Eyes"

"Sing Ye a Joyful Song"

MEDEL

Beethoven, Op. 36

Grand Fugue, Op. 72

DALE SMITH

"Lord's Prayer"

10.30.—Close down.

MONDAY, Nov. 16th.

5.20. School Broadcast

Albert Thomas, M.A. (Paris)

Reading from "The Iliad"

"L'Aube" (Mabere)

Part of Act III

3.45.—The Sunshine Trio

4.0.—Afternoon Talk Mr. Ronald

4.15.—Tea-time Concert

Music relayed from the State

Café James Sparrow (Baritone)

5.15.—CHILDREN'S CORNER

6.0.—The Magazine

7.0.—The Magazine

7.07.25.—The Magazine

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ARTHUR KNOWLES, the Master

JEANETTE and FREY, the

Argumentative Pair.

THE VARIETY BAND will

play the Latest Dance Numbers.

Directed by

ERIC FOOTE and VICTOR

SMYTHE

10.30.—Close down.

Special Feature.

HILDA ATKINSON

(Sings and Songs at the Harp).

11.0.—Close down.

TUESDAY, Nov. 17th.

11.15-2.0. Tuesday Midday Society's

Concert, relayed from the

Holldsworth Hall. J. Dale

Elwes (Soprano), J. Dale

Smith (Baritone).

3.25.—School Transmission Mr. H

4.0.—Tea-time Concert

4.15.—Tea-time Concert

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FRANK FOXON

"North Country Folk Song"

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MANCHESTER PROGRAMMES.

(Continued from the previous page.)

WINIFRED DAVIS
FRANKLYN KELSEY
THE ALFRED EDWARDS
WINIFRED DAVIS
THE WIND ROSE
WATER
THE ORCHESTRA
MAMEN, Musical
FRANKLYN KELSEY
Thanksgiving to the Brook
Grop from Tartarus
THE ORCHESTRA
The Unfinished Symphony
WINIFRED DAVIS
"Do But die Rub" (Thou
Art My Rest")
"Auf dem Wasser zu Singen"
(Sing on Upon the Water")
FRANKLYN KELSEY
The Hardy Gurdy Man
Dithyrambe
THE ORCHESTRA
Military March in D, Op. 51
10.0-10.30—Programme S.B. from
London.
10.30—Station Topics
11.0-11.30—THE SAVOY BANDS
S.B. from London.

FRIDAY, Nov. 20th.

1.15-2.0—Music relayed from the
State Café.
3.25—School Transmission: The Rev.
J. Shepherd, M.A., "A Trip
With the Swallows" (1).
3.45—The Station Quartet
4.0—Afternoon Talk—Mr Alan Grid,
Scandinavian Fiction"
4.15—Tea-time Concert: The Sta-
tion Quartet, Dorothy Verney
(soprano),
5.15—CHILDREN'S CORNER
6.0—The Majestic "Celebrity"
Orchestra, relayed from the
Majestic Hotel, St. Anne's-on-
Sea.
7.0-7.35—Programme S.B. from Lon-
don.
7.35—Boy Scouts' Local News Bal-
loon.
7.40—MR. GLYDE BRIDEN "West
African Pidgeon English."
Descriptive Recital
JOHN ANTHONY
TOM J. PHILLIPS (Tenor)
ARTHUR J. ARMSTRONG
(Solo Violin)
At the Piano, ERIC FOGG.
Descriptions by
E. SIMS HILDITCH
8.0—TOM J. PHILLIPS
"Immelman Rose"
W. Paterson-Dwyer
ARTHUR J. ARMSTRONG
Rhapsody, Op. 26... Stravinsky
2nd Movement from Sonata, Op.
15
JOHN ANTHONY
"I Love Tio"
TOM J. PHILLIPS
"A Fairy Story"
Night again, Sing"
ARTHUR J. ARMSTRONG
"Cradle Song"
"Beccase"

TOM J. PHILLIPS and
JOHN ANTHONY
"A Story in Norway"
JOHN ANTHONY
Radio Radiance
A Revue in Four Acts
COM ANY OF THE KNOWN
EDDIE MORRIS
JAN ALLSTONE
JAMES WILKINSON
ISIS WHITE
TOMMY HANDLEY
MAUD DUNHAM
and
CHORUS OF DANCING
RADIOS
Book by Jack H.
Popular Musical Numbers
Directed by
JAMES LESTER
10.0-10.30—Programme S.B. from
London.
10.30—Special Feature
11.0—Class down.

SATURDAY, Nov. 21st.

3.45—Auto-Piano Recital by J.
Meadows.
4.0—Afternoon Talk Miss J.
Whitford. "Dramatic"
4.15—Ten Times Concert. Er
Turner (Baritone), Marjory
Furnham (Soprano), Marion
Stanley (Piano), Sidney W.
(Cello)
5.15—CHILDREN'S CORNER
6.0-7.40—Programme S.B. from Lo-
ndon.
7.40—MR. F. STACEY LINTOTT
Weekly Talk on Sp
Grand Opera.
Relayed to "5XX."
"ROMEO AND JULIET"
Soprano LILY ALLEN (Soprano)
Alice Moxon (Soprano)
Baritone FRED HINDLE (Tenor)
LEE THISTLETHWAITE
Baritone
Capulet
Gregorio
Paris
HERBERT RUDDOCK
(Bass)
From Lawrence
The Duke of
Verona
REGINALD
WHITHEAD
(Bass)
HUBERT CARTER (Tenor)
THE STATION OFFICE
CHORUS
THE STATION ALFRED
Conductor, T. H. MORRISON
Descriptive Notes by
JOHN F. RUSSELL
11.0-11.30—Programme S.B. from
London.

Swansea Programmes. 482 M

Week Beginning Sunday, November 15th.

SUNDAY, November 15th.
1.15-2.0—STAR BALLAD
2.0-2.30—S.B. from London
3.0-3.30—S.B. from London
3.30-4.0—S.B. from London
4.0-4.30—S.B. from London
4.30-5.0—S.B. from London
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5.30-6

331 M.

NEWS, S.B. from London.
Sports T.a.k. S.B. from London.
10.30.—THE SAVOY BANDS. S
from London.
12 0.—Close down.

SNG Nottingham Programmes. 326 M. 6ST

Week Beginning Sunday, November 15th.

SUNDAY, November 15th.

3.30-4.00 *Lyons' Café Orchestra* (B. J. M.)
8.0-8.35 *Lyons' Café Orchestra*

MONDAY, November 16th.

1.0-1.30 *Lyons' Café Orchestra*
3.45-4.00 *Lyons' Café Orchestra*
4.15-4.30 *Lyons' Café Orchestra*
5.15-5.30 *Lyons' Café Orchestra*
6.15-6.30 *Lyons' Café Orchestra*
7.10-7.25 *Lyons' Café Orchestra*
8.15-8.30 *Lyons' Café Orchestra*

TUESDAY, November 17th.

11.30-12.30 *Lyons' Café Orchestra*
3.45-4.00 *Lyons' Café Orchestra*
5.15-5.30 *Lyons' Café Orchestra*
6.0-6.15 *Lyons' Café Orchestra*
7.10-7.25 *Lyons' Café Orchestra*
8.15-8.30 *Lyons' Café Orchestra*

WEDNESDAY, November 18th.

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7.10-7.25 *Lyons' Café Orchestra*
8.15-8.30 *Lyons' Café Orchestra*

THURSDAY, November 19th.

1.0-1.30 *Lyons' Café Orchestra*
3.45-4.00 *Lyons' Café Orchestra*
5.15-5.30 *Lyons' Café Orchestra*
6.0-6.15 *Lyons' Café Orchestra*
7.10-7.25 *Lyons' Café Orchestra*
8.15-8.30 *Lyons' Café Orchestra*

FRIDAY, November 20th.

11.30-12.30 *Lyons' Café Orchestra*
3.45-4.00 *Lyons' Café Orchestra*
5.15-5.30 *Lyons' Café Orchestra*
6.0-6.15 *Lyons' Café Orchestra*
7.10-7.25 *Lyons' Café Orchestra*
8.15-8.30 *Lyons' Café Orchestra*

An Evening With Nottingham Artists.

ROY HENDERSON (Baritone)
FREDERICK HODGKINSON (Soprano)

3.30-4.00 *Lyons' Café Orchestra*

ROY HENDERSON
Ballade de Nohuho
To the Forest
Don Juan
Serenade

DORIS HUBERT

Toccata in A
Sonata in G
Prelude

A Toys

Gayette in E
Opus in G

"THE BURGLAR AND THE"

ROY HENDERSON
"Unhappily of the House"
"Five Eyes"
"The Burgher"
"The Burgher"
"The Burgher"

ROY HENDERSON

"Unhappily of the House"
"Five Eyes"
"The Burgher"
"The Burgher"
"The Burgher"

WEDNESDAY, November 18th.

1.0-1.30 *Lyons' Café Orchestra*
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8.15-8.30 *Lyons' Café Orchestra*

NOTTINGHAM NEWS.

NEAT Henry...
he given entirely by Nottingham artists, is expected to prove one of the most successful of the series by this Station. Mr Roy Henderson, the well-known baritone, will be a very welcome representative. Miss Doris Hubert, another of the artists on that night, is making her first appearance on the Nottingham radio.

A Faxon Church.

For some weeks Nottingham has been giving a series of talks on Tuesday evenings on "Famous Houses and Churches of the East Midlands." On November 17th, the seventh of the series will be given by Mr J Holland Walker, and his subject will be "Melbourne Church, Derbyshire."

Stoke-on-Trent Programmes. 306 M.

Week Beginning Sunday, November 15th.

SUNDAY, November 15th.

3.30-4.00 *Lyons' Café Orchestra*
8.0-8.35 *Lyons' Café Orchestra*

MONDAY, November 16th.

1.0-1.30 *Lyons' Café Orchestra*
3.45-4.00 *Lyons' Café Orchestra*
5.15-5.30 *Lyons' Café Orchestra*
6.0-6.15 *Lyons' Café Orchestra*
7.10-7.25 *Lyons' Café Orchestra*
8.15-8.30 *Lyons' Café Orchestra*

TUESDAY, November 17th.

11.30-12.30 *Lyons' Café Orchestra*
3.45-4.00 *Lyons' Café Orchestra*
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6.0-6.15 *Lyons' Café Orchestra*
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8.15-8.30 *Lyons' Café Orchestra*

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THURSDAY, November 19th.

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FRIDAY, November 20th.

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5.15-5.30 *Lyons' Café Orchestra*
6.0-6.15 *Lyons' Café Orchestra*
7.10-7.25 *Lyons' Café Orchestra*
8.15-8.30 *Lyons' Café Orchestra*

THE THREE ACES

ROY HENDERSON (Baritone)
FREDERICK HODGKINSON (Soprano)

3.30-4.00 *Lyons' Café Orchestra*

STOKE-ON-TRENT NEWS.

MR...
the programme from the Stoke-on-Trent Station on November 20th, needs no introduction to Potteries listeners. He has already given several performances from this Station, including one at the first concert on October 28th, 1924.
The Three Aces, who will also be heard next Friday, are well known

ARTHUR HIGHFIELD

3.30-4.00 *Lyons' Café Orchestra*
8.0-8.35 *Lyons' Café Orchestra*

SARA JOHNSON

1.0-1.30 *Lyons' Café Orchestra*
3.45-4.00 *Lyons' Café Orchestra*
5.15-5.30 *Lyons' Café Orchestra*
6.0-6.15 *Lyons' Café Orchestra*
7.10-7.25 *Lyons' Café Orchestra*
8.15-8.30 *Lyons' Café Orchestra*

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FRIDAY, November 20th.

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6.0-6.15 *Lyons' Café Orchestra*
7.10-7.25 *Lyons' Café Orchestra*
8.15-8.30 *Lyons' Café Orchestra*

SATURDAY, November 21st.

3.30-4.00 *Lyons' Café Orchestra*

CHILDREN'S CORNER

5.15-5.30 *Lyons' Café Orchestra*

6.15-6.30 *Lyons' Café Orchestra*

7.10-7.25 *Lyons' Café Orchestra*

8.15-8.30 *Lyons' Café Orchestra*

9.15-9.30 *Lyons' Café Orchestra*

10.15-10.30 *Lyons' Café Orchestra*

11.15-11.30 *Lyons' Café Orchestra*



Outwitting Father Time

—the Wuncell Dull Emitter has the longest life of any valve because it operates at by far the lowest temperature.

MANY a man trying out his first Wuncell has serious doubts as to whether his Valve is really switched on. In broad daylight it is literally impossible to discover, by a superficial glance, whether the current is on or off. And at night time the glow is only just discernible.

Such a record low working temperature means one of the biggest steps forward in the history of the valve. A brilliant contribution to the fascinating quest for the "cold" valve.

The Wuncell functions at only 800°—yet some dull emitters operate at 2000°. And its filament—built up layer upon layer under the Cossor patent process—is practically as stout as that used in a bright emitter.

Allied to the Wuncell filament, of course, are the well proved Cossor principles of construction. A hood-shaped Anode which retains almost

the whole of the electron stream. An arched filament which is not subjected to the strains and stresses which every straight filament must undergo. And a hood-shaped Grid which—by a superb feat of engineering skill—is built up on a stout metal grid band with each turn of the wire secured in three distinct places. Every Wuncell Grid is secured in 35 distinct positions—such rigidity is not obtainable in any other valve. No wonder the Wuncell is acclaimed as the first non-microphonic Dull Emitter!

Remember, long life is only one of the Wuncell features—economy is another. Every Wuncell saves its cost in six months. An accumulator that lasted only one week on a charge with bright emitters would last nearly two months with Wuncell's. See your dealer about these super-economy valves at once and start saving money from to-day.

The Wuncell Dull Emitter

W1 for Detector and I.P. 14/-
W2 for H.F. amplification 14/-

The Cossor Loud Speaker Valve W3

Voltage 250 volts. Consumption 75 amp.
Price 18/6

Use in W12 Series, with special
anode

W12 in amplifier unit 16/-
W12 in amplifier unit 16/-

Cossor

THINK CONSTRUCTIVELY!

Interesting Book which Shows You How To Make the Best Use of Your Brains.

Every reader who wishes to make the very best use of his or her mental powers should write to-day for a copy of "The Efficient Mind."

This book shows you how that world famous system of action the mind-training known as Pelmanism is enabling thousands of men and women to increase their Earning Power, to win Promotion to higher positions, to develop their personal efficiency.

The secret of the success of Pelmanism is that it enables you to think constructively.

The average person, who has never trained his mind scientifically, has never learnt to think constructively, coolly and creatively.

From the time he rises in the morning to the time he goes to bed, many hundreds of wretched thoughts pass through his brain, half-formed thoughts and vague impressions which never lead to anything, which are never connected up to any definite plan.

The mind trained by Pelmanism to think constructively, instinctively rejects ideas which are useless and purposeless and takes hold of those which are useful, develops them and harnesses them to some definite purpose.

That purpose may vary—in fact it does vary—with different individuals.

It may be an ambition to achieve success in Business or Professional life.

It may be a desire to win Academic success.

It may be a wish to win distinction in Art or Science or Literature or Public Affairs.

It may be an aim to do one thing, some particular piece of creative work, better than any other person has ever done before.

But whatever your particular aim, desire or ambition may be, Pelmanism, by eliminating Mind Wandering, by developing your powers of Concentration and by enabling you to think constructively, will help you to achieve it.

That is why Pelmanism is so strongly recommended to everyone who wishes to increase his or her efficiency, not only by thousands of successful business men and women but by such well-known authorities as—

- | | |
|------------------------------|-----------------------------------|
| Lord Riddell | The Baroness Ostry |
| Sir Arthur Quiller-Couch | The Rt. Hon. T. P. O'Connor, M.P. |
| Sir Harry Johnston | Canon Hannay |
| The Rt. Hon. J. M. Robertson | Mr E. F. Benson |
| Sir I. G. Chiozza-Monney | Dr. Ethel Smyth |
| Mr Jerome K. Jerome | Mar. Gen. Sir F. Maurice |

and many others. The Pelmanism will be found in the pages of "The Efficient Mind."

This book shows you how by using a few simple rules you can develop just those qualities which will enable you to succeed in life.

Just write to-day to the Pelman Institute, 85, Bloomsbury Street, London, W.C.1 (using the coupon printed on this page), and a copy of "The Efficient Mind" will be sent to you by return, gratis and post free.



Don't Be a Slave of the Machine!

THIS has nothing to do with answering. It has to do with LIFE—your life, my life, every one's life. It has to do with your Business, Trade, or Profession. It has to do with your Personality.

DON'T BE A SLAVE OF THE MACHINE.

It may be a typewriter, an office desk, or a shop counter.

It may be the custom, traditions, and conventions of your profession.

It may be the unchanging routine, the drab monotony, the mechanical regularity of your daily work and habits.

Sooner or later that is the machine which masters all of us. The months and years roll on, the vision fades; the ambition that once fired us and drove us forward disappears. A network of habit entangles us; the mechanism of our Business has detached us in its cold, unfeeling way; we have been surrendered to Routine, we have become the slaves of a soulless machine.

How to Develop Personality.

This tyranny of the machine is a danger to which the Pelman Institute is giving special attention. It is employing every means to strengthen PERSONALITY so that the worker in any Profession or Business shall retain his individuality despite the soul-destroying influence of Routine, and shall become the MASTER and not the Slave of the Machine. In this work it is achieving remarkable success. The popularity of the Pelman Course proves this beyond a doubt. For 25 years the Pelman Institute has been studying the "human factor" and enabling thousands of men and women to strengthen their Personalities, to develop the undeveloped powers of their minds, to increase their efficiency (and thus their Earning Power), and to become the capable masters of the machine instead of its habit-enmeshed slaves.

I feel and know that I am no longer a unit in the crowd but a man of Personality.

This extract from a letter received from a Pelman Student is typical of thousands of similar communications from men and women who have developed INITIATIVE, CONCENTRATION, ORIGINITY, ORIGINALITY, SELF-CONFIDENCE, JUDGMENT, DECISIVENESS, ORGANISING POWER, PERSONALITY and other invaluable qualities of mind and character by means of Pelmanism. And side by side with the development of these qualities have come increases of income to the extent of 50 per cent., 100 per cent.,

even of 200 per cent. and over, and in positions giving greater scope and value in business.

"Since taking up the Course, instead of being subservient, I have become master; at the same time my income has doubled itself and should things progress in the manner they seem to be doing, before very long it will easily treble itself."

Writes a DENTAL SURGEON.

"The Pelman Course has been of the greatest value. I can directly ascribe to its influence the fact that my salary is now 30% greater and my position one of responsibility and trust as against one of subservience."

Writes a CASHIER.

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Auto-microphone Catwhisker is undoubtedly the most perfect solution to Crystal set tuning. Its unique design based on the style of a point eliminates all difficulties. An independent pressure between the Catwhisker contact and the Crystal surface. Remarkable for its system. Low wave.

CLIMAX POPULAR CRYSTAL SET fitted with (1) auto-microphone Catwhisker with the Auto-microphone Catwhisker and Climax Superb Crystal range 300-500 mtr.

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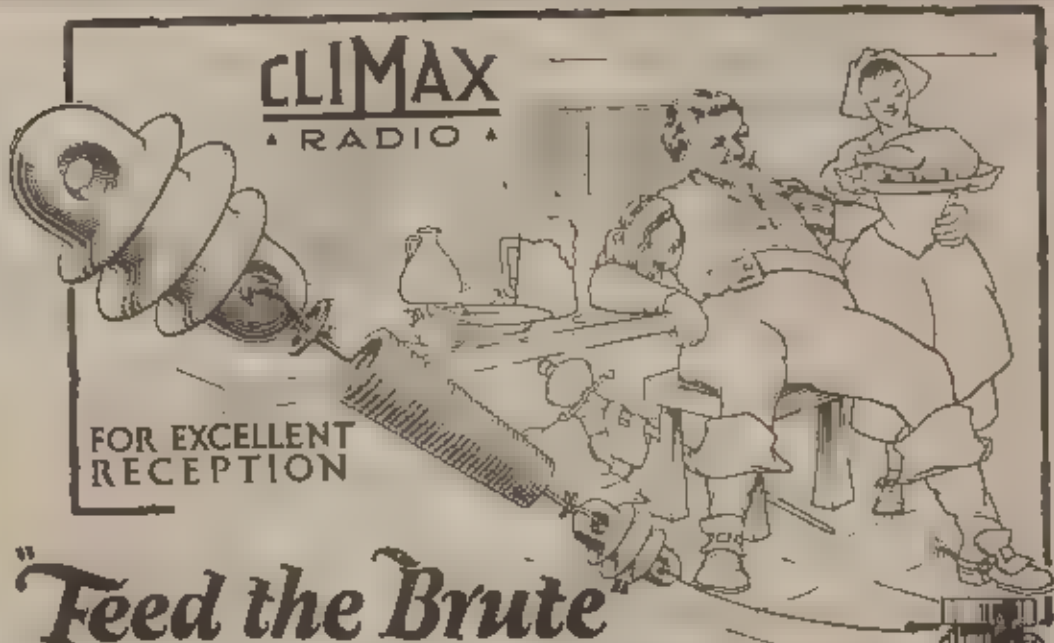
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UNDOUBTEDLY THE BEST FOLDING FRAME AERIAL

The working is arranged so that the mechanical and electrical balance. They are the advantages of the pancake type of the telescopic type. A very attractive appearance in operation. It is very easily portable form. It is fitted with a pair of...



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Here's Falstaff—a real good fellow, always at his best, always getting and giving good reception. What's the secret of his bonhomie, his complete success!

Follow Falstaff and remember it's just the same with your wireless set. Don't starve it; "Feed the brute." Avoid all aerial and earth losses by using the Climax Insulated Shock Absorber Set and the Climax Radio Earth, and give your set a really good chance.

The Climax Insulated Shock Absorber Set for aerial insulation de luxe. One pair of Climax Insulators while the aerial wire is covered from end to end due to metal swag or water. Insulator (Regd. Design No. 708 18) will stand four times the flash-over voltage of a shell or egg insulator while it has an area capacity to earth as the 100,000 volt insulators. It is a direct pull of hundreds of pounds. It is perfectly self-cleaning on all surfaces.

PRICE One Climax Insulated Shock Absorber Set, comprising four Climax Low Loss Insulators and two Climax Shock Absorber Springs 3/- per box. Climax Low Loss Insulators boxed separately 1/- per box. Climax Low Loss Aerial 120 ft 6/- Climax Low Loss Lead-in Connector Much easier to fit than the ordinary lead-in tube, and with an almost negligible loss. Price 2/6 each.

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Made on the multi-gap, quenched spark principle. Provides absolute protection for the set whether in the open or not. NO SWITCHES NECESSARY. The mica insulating discs and series multiple gaps ensure



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If you have difficulty in obtaining genuine CLIMAX production and are asked to accept inferior imitations, kindly send your order direct to us, enclosing P.O. or cheque to the correct amount, when immediate attention will be given to your instructions.

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MASTER Valves are not entirely the work of the electrical specialist. My beakers and solutions may provoke the mirth of those engineering demi-gods, but they know right well that the purity of their materials and the advantages of certain minerals are the results of my labours.

I am like all chemists—EXACT.

I want perfection in the materials for my valves . . . you want perfect reception Then take the advice of a man who is decidedly analytical and ask for

Mullard's High-
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Type 3
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THE MASTER VALVE



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Ask any dealer for Leaflet V.R. 26 for Comprehensive Range of Mullard Receiving Valves.

C.A.V.



U.S. Pat. & Des. Off.
 Reg. U.S. Pat. & Des. Off.
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Dimensions 7 x 8
 Height 7 1/2 Weight
 charged and filled with
 acid 13 lbs.

DON'T REMEMBER

Don't buy a H.T. Accumulator merely because it has an attractive appearance. Find out about actual performance.

Don't buy a H.T. Accumulator because of its supposed large capacity.

Don't be confused between ignition and actual capacity rating.

Don't buy a H.T. Accumulator if the cells are not insulated by air.

Don't buy a H.T. Accumulator that is easily spilt.

Don't buy a H.T. Accumulator with unnecessary external tapping.

and

DON'T imagine you can get equal results with **DRY BATTERIES** because you cannot. The difference is enormous. When you buy a C.A.V. Accumulator you buy 32 years' experience.

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the C.A.V. H.T. 3 gives 4 to 6 months' use on one charge.

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the C.A.V. H.T. 3 cells are solidly supported with special insulating wax at the bottom, making damage in transit impossible. The cells are individually spaced by air

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NO WAITING! 60-volt in oak case, with strong carrying handle.

List No. 537. Fully charged (first charge free).

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60/-

Write for a copy of our complete radio catalogue.

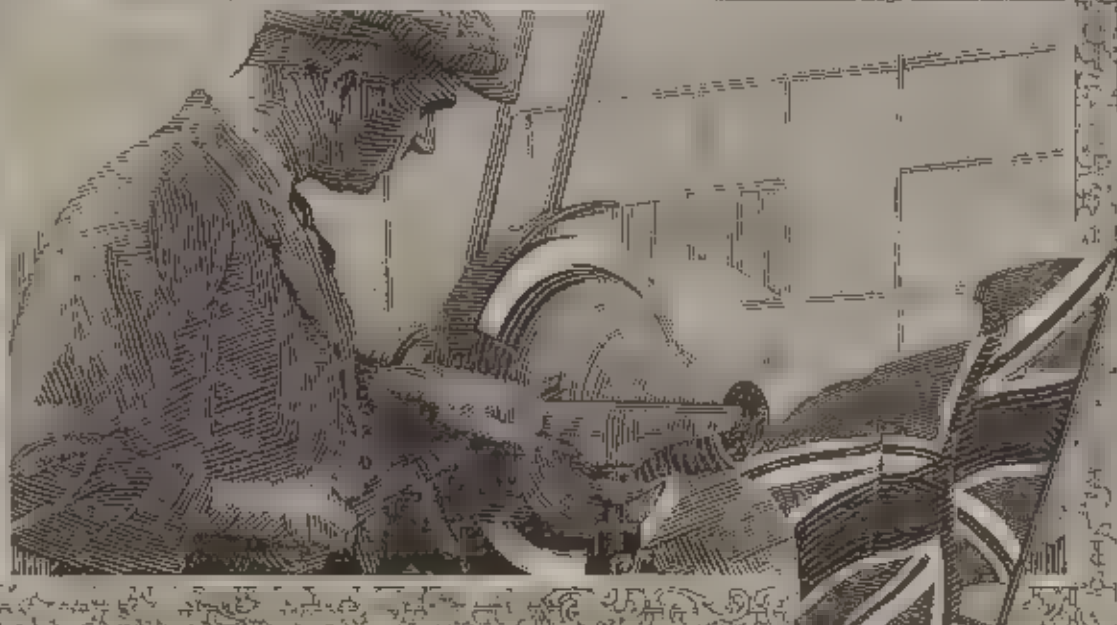
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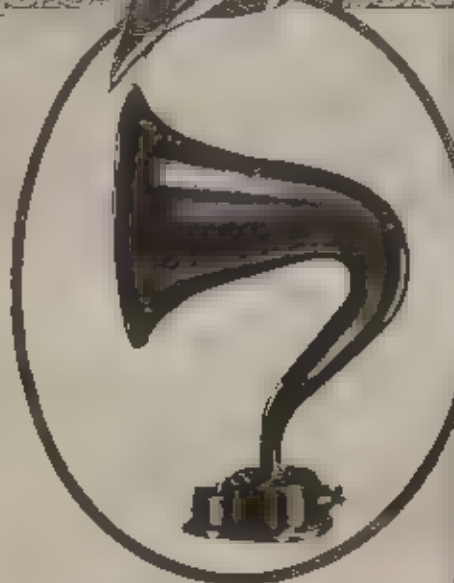


Such craftsmanship found only in the superb Brown—

WE are proud of the workers responsible for the manufacture of BROWN Headphones and Loud Speakers. Each one is imbued with one ideal, that every instrument, no matter its price, must be worthy of the great name enjoyed by the BROWN throughout the world. Not how cheap, but how good is ever the motive at the back of the BROWN organisation. How this is reflected in the instruments themselves can be seen by anyone—examine a BROWN with critical eye—note its exquisite finish, its jointed parts carefully polished, its balance and its harmonious and pleasing outlines. But hear it and at once you'll sense its superiority—instinctively you'll feel that here at last is the interpreter of real radio music. It takes the BROWN with its tuned reed mechanism—found in no other Loud Speaker—to give you the true thrill of realism. All dealers stock BROWN Loud Speakers in a full range of sizes.

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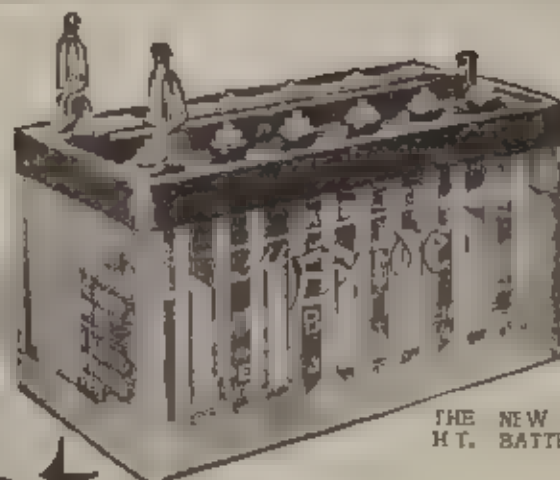


The New H3.

Standing 15 inches high and fitted with the standard Brown tuned reed movement, this new H3 will give an exceptionally generous volume of tone. Owing to its greater sensitiveness it will give much louder results than any other Loud Speaker of similar size. Price £3

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THE NEW WH TYPE
H.T. BATTERY

For the Best Wireless Reception

Exide

The Long-Life Battery

The table below gives the types of batteries recommended and the burning hours between charges.

If your requirements are not met here—ask for a copy of Catalogue "W."

Ordinary Bright Emitter (Filament Current, 0.7 ampere):		
1 Valve 3 CZ 2-1 (6 Volts) 28 hrs.	33/6	2 Valves 3 CZ 4-1 (6 Volts) 28 hrs. 48/-
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		3 Valves 1 HZ 3 (2 Volts) 58 hrs. 21/-
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		3 Valves 1 HZ 3 (2 Volts) 43 hrs. 17/6
0.06 amp. Dull Emitter (Marconi-Oram "D.E.3.", B.T.H. "B.5.", Ediswan "A.R. 06", Mullard "D. 06"):		
1 Valve 2 DTG (4 Volts) 280 hrs.	10/-	2 Valves 2 DTG (4 Volts) 186 hrs. 10/-
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WH High Tension Battery supplied in 24 volt units, sealed in moulded glass container.

Obtainable Everywhere.

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Cenbu 7629 30

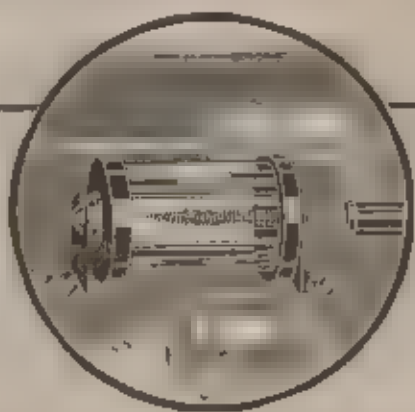
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The secret of the efficiency of the Ethophone I.

A STANDARD Burndept Component which has contributed largely to the popularity of the Ethophone I Crystal Receiver is the efficient Crystal Detector shown above. This component can be made with ease by means of the micrometer screw movement and frequent re-setting of the gold ear whisker is not required. The sensitive synthetic crystal, which is enclosed in a dust-proof tube, gives loud and clear signals. The Ethophone I gives good results on both 20 and 25 miles from a main broadcast station and about 100 miles from Davenport.



tion of the high power of normal B B C stations, no extra plug-in coils are required, a switch on the panel giving three ranges covering 150 to 200, 200 to 300, and 300 to 400. Further particulars of this guaranteed instrument will be sent on receipt of the coupon below.

Ethophone I. Mark III £3-3-0
Complete installation with headphones and aerial £4-18-0
The Burndept Range includes everything for new installations from complete sets to individual components.

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To Burndept Wireless Ltd., Aldine House, Bedford Street, Strand, London, W.C.2.

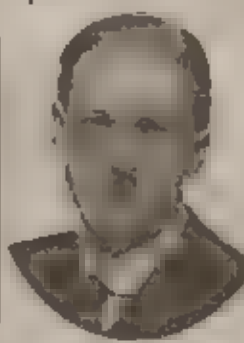
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Radio Times



The Editor
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M.I.E.E.

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The Wireless Constructor

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A New B.T.H. Receiver



Price £6-0-0
(Less batteries & valves)
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embodying a transformer
& condenser of amazing
efficiency

THIS receiver is the latest development by The British Thomson-Houston Company, and is a really efficient instrument at a moderate price. Good loud speaker results can be obtained up to 25 miles on B.B.C. main stations, or approximately 100 miles on Daventry.

The circuit employed is a detector with one stage of L.F. The plug-in aerial and reactance unit is provided for 300 to 500 metres but a similar unit can be supplied for 1500 to 1800 metres at an extra price of 18s. 0.

The perfect functioning and excellent reproducing qualities of this set are in no little measure due to the inclusion of the two following components:—

B.T.H. LOW FREQUENCY TRANSFORMER.

This transformer is the result of extensive research and experiments and has only been introduced after exhaustive tests. The windings are mounted on in a bobbin of synthetic insulating material, and are perfectly insulated throughout.

B.T.H. VERNIER CONDENSER.

Built on robust lines, this condenser provides a means of very delicate adjustment. Maintenance of calibrated capacities and length of service are important features. A definite stop is provided to prevent complete mis-tune.



The reliability of the transformer and condenser is a feature of the set. The transformer is built on a synthetic insulating material and is perfectly insulated throughout. The condenser is built on robust lines and provides a means of very delicate adjustment. Maintenance of calibrated capacities and length of service are important features. A definite stop is provided to prevent complete mis-tune.

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4 PIN WECO VALVE
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PM VALVE FOR POWER
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45/-

That elusive distant station will readily respond to Western Electric Weco valves and Headphones.

Remember that the best components give the best results in the long run and you cannot do better than pin your faith to apparatus that has been proved by all wireless experts.

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POWER VALVE. A new product requiring 4 volts for filament supply. Gives excellent amplification without distortion and is absolutely silent in operation.

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VALVES

SAVE 6/8 IN THE POUND.

Three valves for the price of two. That's what our new policy means to you.

Where you paid twelve shillings for a 4-Volt Dull Emitting Valve you now pay eight.

You get the same valve, made with just the same first-class materials and workmanship, identically the same in performance, and it costs you four shillings less.

There is no catch in it. There is no sacrifice in quality. The four shillings were the saddlemaker's profit. They are now yours. Exactly the same applies to the 6-volt Dull Emitter—formerly 13/6, now 9/6, and to the Bright Emitter—formerly 7/6, now 4/6.

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BRIGHT EMITTERS 4/6

Type F1 (the plain Louden) for detection and L.F. Amplification.	Filament Volts.....	4.5
Type F2 (the blue Louden) for L.F. Amplification.	Filament Amps.....	1.4
	Anode Volts.....	40

DULL EMITTERS.

For 4-volt Accumulator.....	8/-
For 6-volt Accumulator.....	9/-

Type F1 (the plain Louden) for detection and F. Amps	Filament Volts.....	4.5
Type F2 (the blue Louden) for L.F. Amplification	Filament Amps.....	1.4
	Anode Volts.....	40

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Write for free catalogue of other Fellows Wireless Products.

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Herewith Remittance value.....


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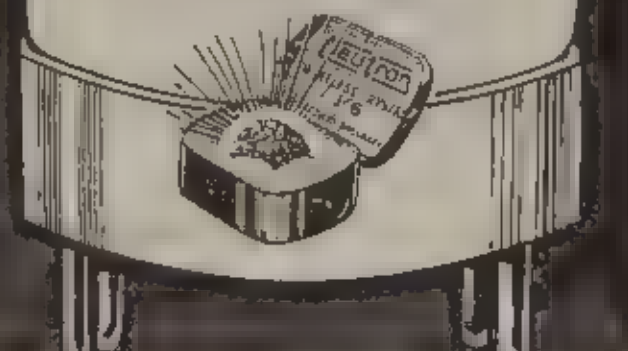
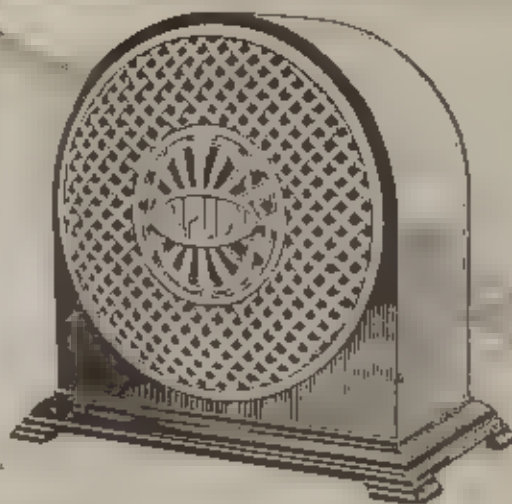
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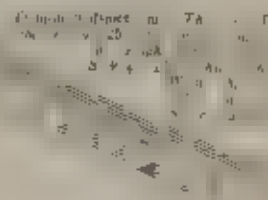
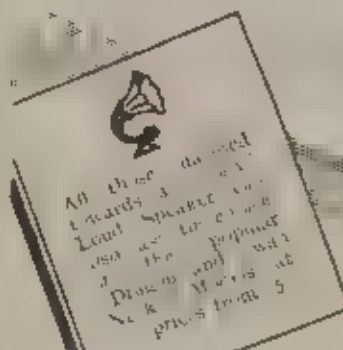




Fig. 3

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£6-15-0

This is one of the most useful sets on the market. It is easy to tune, and simple to operate, providing ample power for Loud Speaker Work.

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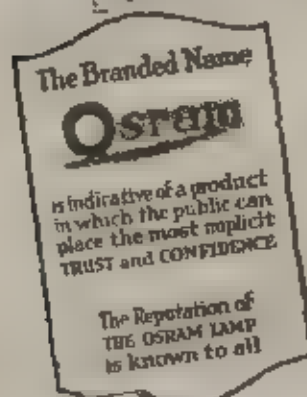
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with
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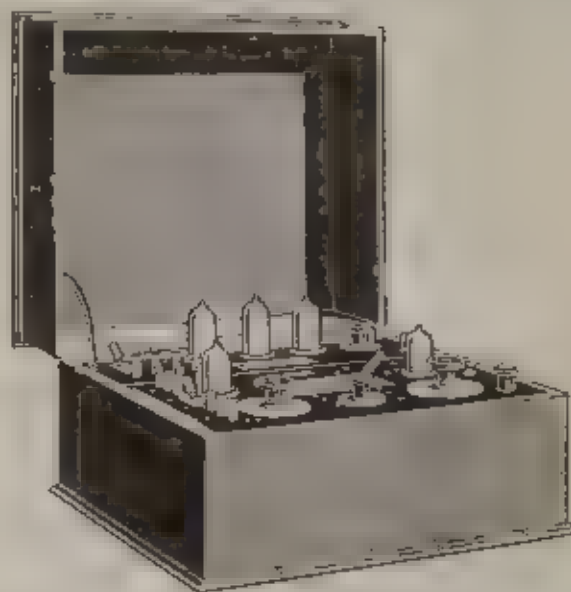
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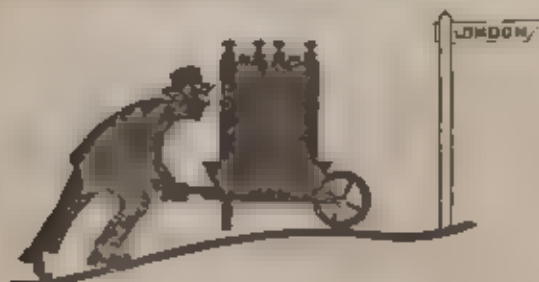
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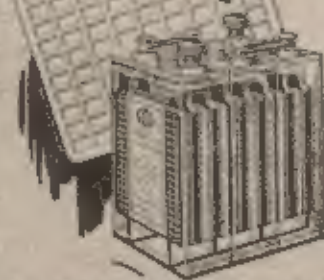
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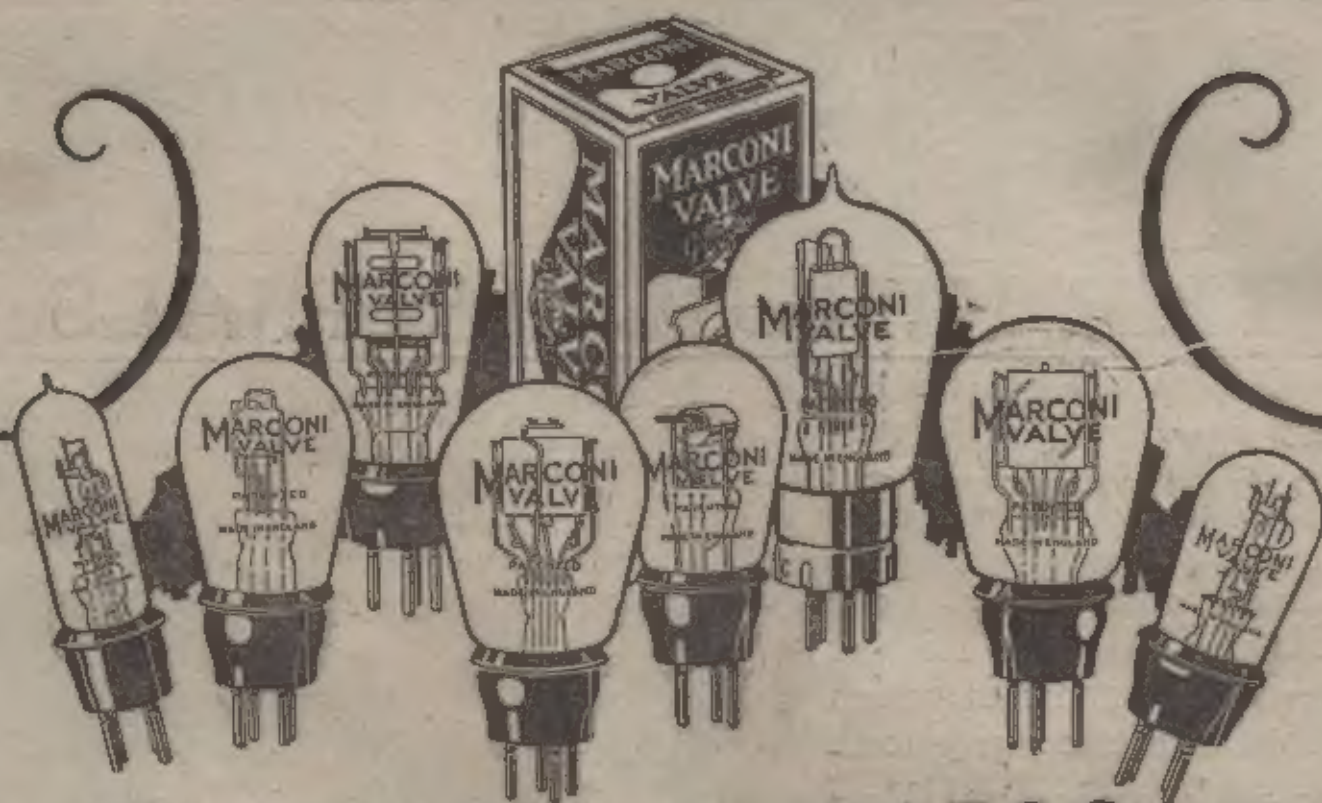
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