

WHY CALL IT WIRELESS? By P. P. ECKERSLEY.



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EVERY FRIDAY.

Two Pence.

OFFICIAL PROGRAMMES

for the week commencing SUNDAY, May 3rd.

MAIN STATIONS.

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

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

SPECIAL CONTENTS:

A SONG INSPIRED BY GIPSIES. The Story of "Where My Caravan Has Rested."

WIRELESS AND THE MODERN BOY. By Alec Waugh.

RADIO AND SPORT.

OFFICIAL NEWS AND VIEWS.

PEOPLE YOU WILL HEAR NEXT WEEK.

IMPORTANT TO READERS.

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Nature's Wheels Within Wheels.

By Professor J. ARTHUR THOMSON, M.A., LL.D.\*

THIS was one of Darwin's big ideas, that no animal lives or dies to itself. The circle of one creature's life intersects the circles of many other lives, often including man's. Cats have to do with next year's clover crop and with checking the spread of the plague in the Indian villages. Water wagtails have to do with the success of sheep-farming, and squirrels with the richness of the stooks in the harvest-field. These are familiar Natural History conundrums, and everyone knows how earthworms have made the fertile soil and how the mistletoe is planted on the apple-tree by the missel-thrush.

But what, for instance, is the connection between mussels and minnows? The fresh-water mussel in the river-bed produces her eggs in spring, but they are not liberated. They get stowed away in the cradle of the outer gill-plate, and there they develop into pinhead larvæ with two valves. When, about midsummer, a minnow comes swimming past in a leisurely way, the mother fresh-water mussel, thrilling to its proximity, liberates some of her young ones. Out they come, like children from the open school door, clapping their valves in the water and exuding threads of glue. They are excited by the presence of the fish, and they moor themselves to its skin, or fins, or gills. There they sojourn for a while, undergoing a profound change, and eventually they drop off, perhaps miles away from their birthplace.

The point is that the race of fresh-water

mussels cannot be continued without this sojourning of the young ones on the minnow, or some other fish. Then, curiously enough, there is a continental fish, called the bitterling, which spends its youthful life inside the gills of the freshwater mussel! This is what is meant by "wheels within wheels."



Prof. J. ARTHUR THOMSON.

It is easy enough to understand that the shooting down of kestrels and owls, and the trapping of stoats and weasels, will mean an increase of field-voles and field-mice, but what is the connection between little fishes and the waning of the glory that was Greece? According to some authorities, the sapping of the vitality of Greece was in great part due to the incursion of malaria. But malaria is a disease due to a blood-destroying microscopic animal which is carried by the mosquito from man to man. The female mosquito takes a sip of blood from a malarial patient; the microscopic malaria organism passes through a cycle of changes in the insect's body; then the mosquito punctures the skin of a healthy man, the contaminated mouth-parts introduce the microbe, and there is another case of malaria. But the early stages of the

(Continued in col. 3 overleaf.)

\* In a Talk from Aberdeen.

## A Song Inspired by Gipsies.

The Story of "Where My Caravan Has Rested." By A. B. Cooper.



Mr. HERMANN LÖHR.

THERE have been a few favoured mortals whose talents were both musical and poetical, and who could write the lyric and set it to sweet strains, and thus make what the public know as "a popular song," quite independent of any collaboration. As a rule, however, as in the proverbial case of a quarrel, it takes two to make a song, and it is interesting

to hear both sides of a song's story—the musical and the literary.

It is an old subject of heated controversy as to which counts for most, the words or the music.

The answer is that it is all a question of degree. The great lyric is independent of musical setting. It may be set, but it need not be. Like the fixed stars, it is a sun shining by its own light. Similarly, the greatest music is independent of any language but its own. Nevertheless, the supreme heights, either of music or poetry, are, like Everest, very rare and very hard to scale, and most of us are thankful for the poets who have the gift of touching our hearts, at least, and for the composers who can wed "perfect music unto noble words" with a simplicity which succeeds in giving pleasure to millions, where Beethoven and Bach, the mighty men of music, give pleasure to hundreds.

### Delayed Success.

There are some songs which, the moment you know them, you feel you have always known, and of these, "Where My Caravan Has Rested" is an excellent example. The words and music have an inevitable relationship which give the mind the sense of memory rather than sudden acquirement, and this is a phenomenon which invariably marks the song as out of the common.

Yet, although "Where My Caravan Has Rested" is to-day so widely popular, it appeared to climb into favour on the back of another. Mr. Hermann Löhr, its composer, says: "Curiously enough, this song did not find favour for some time. Unlike 'Little Grey Home in the West,' which captured the public instantly, the 'Caravan' took a long time to achieve a big success, and, although it was written and published years before 'Grey Home,' it was only after that song's enormous popularity that it began to boom. In America, its success has been as great as here, and the sales across the Atlantic have been wonderful.

### Flowers at the Cross Roads.

"It was first published as long ago as 1909, by Messrs. Chappell and Co., and the story of its evolution is a simple and interesting one. I had a friend who, like George Borrow and Sir Richard Burton, used to spend much time with gipsies, and, by long association with them—believe me, the only way—had learned to speak their language quite fluently, and it occurred to me that a book of gipsy songs might prove a novelty. But, though my friend was learned in gipsy lore, and could speak Romany, he was no poet, so I asked Mr. Edward Teschemacher to write me a set of lyrics founded on real and true episodes or traditions of gipsy life, which my friend would supply.

"One of these quaint customs was the placing of some grass or flowers at the cross roads, to show those following which way they had gone. This is known as the 'Patterain.' By this means, at night, when the caravan halted, the

others were able to come up with it, and the whole band or company would be assembled for the night. This custom struck me instantly as being full of sentimental suggestion which would appeal to a poet, and Edward Teschemacher has used his opportunity with great skill."

It is not everybody who looks to see who wrote the words of the songs they love and sing, but even the most careless can hardly have succeeded in missing the name of Edward Teschemacher, for it is a name which appears on the covers of something like two thousand songs.

### Among the Romanys.

But, although he has collaborated with many composers, and is the writer of the words of such famous songs as "Tommy Lad," "Because," "I Know a Lovely Garden," "Until," "Shipmates o' Mine," "O Lovely Night," and many another, he can seldom have been better inspired than when he wrote these simple words:—

Where my caravan has rested,  
Flowers I leave you on the grass,  
All the flowers of love and memory,  
You will find them when you pass.  
You will understand their message,  
Stoop to kiss them where they lie;  
But if other lips have loved you,  
Shed no tear—and pass them by.

The author of these charming words says: "Most of my life has been spent at a lonely country village on the Chiltern Hills, and gipsies used to camp, and, indeed, do still, on the village green, and I had been familiar with them all my life. I was, therefore, quite ready for the task of writing gipsy songs."

### Nature's Wheels: Continued From Column Three.

to find that when the white ants are young, their nurses feed them in such a way that they are bound to become infected with the Infusorians which are eventually of so much use to them. Here, again, we find "wheels within wheels." These particular Infusorians are not known anywhere else.

The leafcutter ants in the tropical forest cut off segments of leaves from certain kinds of trees and carry these home to their underground city. What do they make of them? Mr. William Beebe, travelling naturalist to the New York Zoological Society, put on big army boots, smeared thick with vaseline, to balk the attacks of the shrewdly biting soldiers; he took a pick-axe and broke into the thickly peopled city; and then he saw a sight: hordes of worker-ants munching and chewing, chewing and munching, at the leaves, but not swallowing any, making, in fact, a thick green paste on which they grow a particular kind of mould—not known anywhere else—which is the sole food of the ants as long as they are underground. The green paste is the culture-bed for the mould; and the ants take care that weed-moulds are not allowed to spoil the crop. They behave like man with his mushroom-beds.

And when the queen-ant flies away on her nuptial flight, to start a new community, she takes with her, in a depression beneath her chin, a sample of the palatable mould. When she has daughters, worker-ants to help her, and when they bring in pieces of leaf and chew these into green paste, then the queen beds out her sample of mould, and thus starts a new growth for the new community!

We do not know of any better example of "wheels within wheels," but there are hundreds of others, for it is one of the great trends of Animate Nature to link lives together in an intricate Web of Life.

## Nature's Wheels Within Wheels.

(Continued from the previous page.)

mosquito's life are spent in pools—it is just a kind of gnat—and the larvæ are often eaten by fishes. The more numerous the little fishes, the fewer the mosquito-larvæ, and the less frequent the malaria. In many Indian towns it has been found profitable to introduce little fishes, called "millions," into the water-reservoirs, for they devour the mosquito-larvæ, and thus reduce malaria.

But the idea of "wheels within wheels" also means that different kinds of creatures work into one another's hands. What is more characteristic of Scotland than the heather? But how is it that the heather is so very successful on mountain and moorland where few other plants can survive? It is not that the soil is bad, but it is unready. It is not that water is scarce, but it is very sour. Yet the heather is triumphant. What is its secret? It has formed a partnership with a fungus, which penetrates it through and through, in root and stem, in leaf and flower, even in the seeds. By means of this partner-fungus, the heather is able to make much of the unready soil and the sour water. It is more like a firm than a single plant.

Similarly, all the lichens that grow on the rocks and walls and tree-stems, apparently without soil at all, are double-plants, partnerships of Algae and Fungi, little mutual benefit societies.

Till recently it was found almost impossible to grow orchids from seed in this country, and fresh plants had to be brought from distant lands. Now it has been discovered that the orchid seeds do not develop vigorously, except in partnership with certain moulds that are normally present in the soil or on the branches where the orchids are at home.

Again, it is well known that all the clovers and pea-plants, such as the gorgeous blue lupins, that often flourish in poor soil, get on so well because they have partner bacteria that form strange swellings or tubercles on their roots. By means of these minute partners, the clovers and vetches and lupins are somehow able to capture the free nitrogen of the air, and thus make up for the scarcity of nitrogenous compounds, like saltpetre, in the soil. What man does with terrible electric discharges, the clover does quietly—we do not know how. By help of its partners, it gets hold of the atmospheric nitrogen of which there is an unlimited supply.

The grubs of the death-watch beetle bore in old wood, and they seem to thrive on it, though it is very unpromising. How is this? It turns out that opening into the food-canal there are two little pockets just crammed with yeast-plants, and these ferment the chewed wood, changing it into more usable materials. These death-watch grubs are really peripatetic breweries; they are not feeding so "dry" as would at first sight appear. In many insects these partner-yeasts have now been demonstrated, and this is what we mean by "wheels within wheels."

The termites, or white ants, of warm countries feed largely on dead wood, and the drier the better. They thrive on most unpromising materials, and yet they have no partner yeast-plants. But it has been found that in all the termites that feed exclusively on dead wood, the food-canal contains very beautiful microscopic animals called Infusorians. These attack the chewed sawdust and work upon it, for their own interests, of course, so that it becomes digestible by the termites. It is very interesting

(Continued in previous column.)

## Radio and Sport.

### Does it Help or Hinder?

OF the many charges levelled at wireless, not the least fatuous is that it is having a baneful influence on the national interest in sport and athletics. Recently, I heard a prominent literary critic, who should have known better, assert that the younger generation is becoming round-shouldered and pigeon-chested as a result of "fiddling about with these receiving sets."

At once it may be said that sport and athletics, as subjects for talks, have figured conspicuously in the broadcast programmes in the past two or three years. Enthusiasts will have no difficulty in recalling the disquisitions on "Rugger," for example, given at frequent intervals by Major Tosswill.

There have been talks on "Soccer" and the Cup Final by F. M. Carruthers. Arthur Newton has given interesting addresses on long-distance running, and F. A. M. Webster has enlightened listeners on the various aspects of the 'Varsity sports.

There have been lectures on tennis, hockey, lacrosse, and badminton, and, as every cricketing listener knows, the great national game has been the subject of diverting discourses by experts, while the last Olympic contests were dealt with exhaustively in a similar way.

Are we to believe that these talks, nearly all of them by recognized authorities, have gone for nothing in listeners' minds? Have they not quickened the pulses of the myriad devotees who have heard them; stirred latent longings to shine at this or that game, inspired in the breasts of sportsmen, embryo and otherwise, a desire to be up and doing?

### The Call of the Open Air.

Many listeners remember with satisfaction the "Sportsman's Night" programme broadcast a short time ago. The effect of that programme must have been all to the good; scores of young men, bending over their receiving sets, must have heard the call of the great out o' doors, and have had intensified their love for open-air England, and the health of body and soul that it implies!

And if much has been done in the past, still more is to be done in the future. On May 9th, for instance, "Plum" Warner—a name that will live in cricket annals, if ever there was one!—is going to talk to listeners on cricket prospects of the coming summer, while tennis will be dealt with by Gordon Lowe. More than this, ideas are being exchanged with a view to radiating the sounds of great football and cricket matches and those of other sporting contests.

### Stimulating the Listener's Interest.

Whether it will be possible to follow intelligently by wireless the course of a game, remains to be demonstrated. But there can be no doubt that the enthusiasm of a crowd of spectators can be communicated to listeners, whose interest must almost inevitably be stimulated in consequence. The film has indubitably enhanced the popularity of sporting and athletic events up and down the country. Wireless, one may be sure, will be a no less potent factor. For the discomfiture of those who, like the literary critic, regard wireless as detrimental to sport, let us all join in one concerted contemptuous smile!

REGINALD POUND.

A WHOLE evening of Sullivan's works is being arranged for Cardiff listeners on Wednesday, May 13th, the anniversary of the birth of Sir Arthur Sullivan. The programme will be rendered by the "5WA" Symphony Orchestra, conducted by Mr. Warwick Braithwaite, with songs by Miss Carmen Hill and Mr. Barrington Hooper.

## A Force in British Music.

### Coleridge-Taylor and His Rise to Fame.

IF any British composer of modern times may be justly called unique, that composer is, undoubtedly, Coleridge-Taylor. Although he wrote nothing really "big"—no brilliant operas or symphonies—he made for himself a lasting place in music and his works are steadily growing in popularity over twelve years after his death.

Much of his music has been already broadcast, and on Friday, May 8th, a special programme devoted to his compositions is to be given at Dundee Station. On this occasion, a number of his songs will be sung, including "Unmindful of the Roses" and "Eleanore."

Samuel Coleridge-Taylor was born in Holborn, London, in 1875, the son of a native of Sierra Leone who had married an Englishwoman. From early childhood he showed marked musical ability, and he was only six when it was recognized that music was the career for which he was most fitted.

### Sir Charles Stanford's Advice.

After some initial training at Croydon, he went to the Royal College of Music in 1890, with the idea of studying the violin. While there, he came under the notice of Sir Charles Villiers Stanford, who was so struck with his cleverness that he advised him to devote himself to composition.

Young Coleridge-Taylor took the advice, and rapidly made headway. Although he composed many minor works, his first great success was his strikingly original setting of *Hiawatha's Wedding Feast* (Longfellow) for soli, chorus, and orchestra. This was first performed at the Royal College of Music in November,

## Singing in Gaol.

By Gibson Young (Organising Director, Community Singers' Association).

SOME of my best Community Singing friends are in gaol, not because they are good singers, but for other reasons of State.

I am a frequenter of gaols by desire and not by force of circumstances. I am very fond of gaols, so long as I do not have to stay the night.

Not long ago, I started a Brass Band in a big Penal Establishment. The personnel of that band was piquant, to say the least. Three murderers, a bank manager and a counterfeiter were in the front row, armed with cornets. Three of the mildest looking burglars I have ever seen played the trombones, and a big nigger beat holy smoke from an inoffensive drum. This gallant band of State guests practised for six hours daily, almost at the point of the bayonet, and were lodged in a special portion of the prison to protect them from their fellow lodgers.

The singing of the five hundred who were not bandsmen and who only practised once a week on a Sunday afternoon was an unforgettable experience. On my first meeting with them, I was the most miserably nervous man alive. It was not physical fear either, but pure stage fright. Row on row of grey-garbed, eager-faced men whose cells I had just inspected and whose dour faced warders I did not like, partly because I felt that they had no sense of humour at all, was an entirely new emotional experience.

One is prone to imagine all sorts of horrible things in a gaol. Here were scores of unfortunates who might, for all I knew, think that I was merely patronising them, but "Mother Machree," "Loch Lomond," and "The Old Folks at Home" put a different complexion on the business, and in half an hour that audience was mine.

1898, and was at once proclaimed as a work of outstanding merit.

Its success caused the composer to write a second work inspired by Longfellow, namely *The Death of Minnehaha*. This was in 1900, and was followed by *The Blind Girl of Castel-Cuille* (Leeds Festival, 1901); the cantata *Kubla Khan* (Handel Society, 1906,) and a one-act opera, *Endymion's Dream* (Brighton Festival, 1910).

Germany early recognized Coleridge-Taylor as a force to be reckoned with in music, and as far back as 1897 Joachim led a performance of his clarinet quintet in Berlin.

The late Sir Herbert Tree was a great admirer of Coleridge-Taylor's genius and commissioned him to write the incidental music to Stephen Phillip's *Herod* and Shakespeare's *Othello* for the productions of those plays at His Majesty's Theatre.

Among Coleridge-Taylor's numerous minor compositions, perhaps the most popular is his *Petite Suite de Concert*, which is heard so frequently nowadays that it may be said to have become hackneyed.

### His Great Ambition.

All through his life Coleridge-Taylor was a warm champion of the Negroes, but this was especially so in his later years. His great ambition was to do for Negro music what Grieg had done for the Norwegian and Dvorak for the Bohemian.

This led him to set to music the poems of Paul Lawrence Durbar, the celebrated Negro poet, and the strain of colour in him was probably also the reason for his attraction to Longfellow's "Hiawatha."

This ambition he never realized; but he wrote enough music of another kind to earn him the undying regard of true music lovers.

There is more than a little pathos in the idea of this London-born man yearning after the melodies of far-off lands where people of his father's race sang beneath a tropic sun. And, indeed, there is a plaintive ring in much of his music which, to those who knew the man, explains a good deal of his nature.

### Acclaimed by America.

The composer's fame had spread to America, and in 1904 he visited the United States, where his works were successfully performed at New York, Washington, Chicago, Baltimore, and Philadelphia.

Besides his success as a composer, Coleridge-Taylor was noted for his great ability as a teacher. In the latter capacity he did splendid work as Professor of the Violin at Croydon Conservatoire and, later, as Professor of Composition at the Crystal Palace.

Coleridge-Taylor was at the height of his fame when, in 1912, death claimed him, in his thirty-seventh year. What he would have become had he been spared to us, one can only guess; but considering that in his short life he composed such a large number of works, and was increasing in power at the time of his death, it is safe to assert that had he lived, he would have given us much more of great worth and value.

As it is, he has left his mark as a composer of rare charm and originality.

C. T.



S. COLERIDGE-TAYLOR.

# Official News and Views. GOSSIP ABOUT BROADCASTING.

## British Programmes for America.

THE Radio Corporation of America has begun to make elaborate arrangements to re-broadcast the British High-Power programmes through a considerable chain of stations covering a large area of the United States and Canada. Special receiving apparatus is being erected in Northern Maine. This will pass the signals by 500 miles of land-line to the control-room and central distributing point in New York City. The Americans expect to be ready to begin their systematic re-broadcasting of British programmes by October. The B.B.C. will do everything possible to secure the re-broadcasting in this country of suitable American programmes, but the problem is a good deal harder to solve from West to East.

## Night Distortion.

Our latest programmes are picked up in America in the early part of their evening; but it is after midnight here when the best American programmes normally arrive. Moreover, the short waves on which the American Stations work suffer a great deal from night distortion. It has always to be kept in mind that, before a satisfactory continuous service can be provided, there must be an adequate factor of safety. The B.B.C. engineers are pursuing their experiments, and although they are gaining ground steadily, they would not be justified at this stage in recommending the expenditure of a large sum on the erection of special receiving apparatus for American programmes.

## To Set Britain Singing.

On Saturday, May 9th, a Community Singing Concert will be broadcast by London from the Royal Albert Hall. It is expected that the great hall will be filled for the occasion and that thousands of voices will take part in the choral rendering of well-known ballads and folk-songs. This concert is being organized under the auspices of the Community Singers' Association, of which Mr. Gibson Young is the Organizing Director, and with which Sir Hugh Allen, Sir Richard Terry, Dr. W. T. Whittaker, Dr. Herbert Wiseman, Mr. Hugh S. Robertson, Mr. Percy Pitt, Mr. Geoffrey Toye, and Mr. Kenneth Curwen are associated. The Association hopes to extend its activities all over the country and to link up with other organizations that share the spirit of its slogan, "Set Britain Singing."

## Lectures and Counter-Lectures.

London is to broadcast a novel series of Lectures and Counter-Lectures in aid of King Edward's Hospital Fund. These take place in the Great Hall of the London School of Economics. "Is Woman's Place in the Home?" is the subject of the second of the series, arranged for Tuesday, May 5th, at 5.30 p.m., when Miss Rebecca West will debate with Mr. Alfred Duff Cooper, D.S.O., M.P., with Viscountess Gladstone in the chair. On the following Tuesday, at the same time, Mr. Leo Maxse and the Earl of Balfour will debate "Does Golf do More Harm than Good?" with Sir Robert Hudson in the chair.

Those who wish to attend these lectures should communicate with the Secretary of the London School of Economics, Houghton Street, Aldwych. The series will continue until June 9th. Particulars of other debates will appear in subsequent issues of *The Radio Times*.

## The Motorist and Wireless.

The early results of a census being held by the Automobile Association on the number of car owners who possess wireless sets shows that hardly a single person who drives a car for pleasure or business is without a receiving apparatus. The object of the census is to ascer-

tain whether motoring talks will be acceptable in future broadcast programmes. No fewer than 228,000 answers have been received and are now being classified.

## York Minster.

Twelve military units, the Lords-Lieutenant of the three Ridings, the High Sheriff of Yorkshire, and the Lord Mayor and Corporation of York, will attend the special military service which will be broadcast from York Minster on May 3rd. The Bishop of Lewes will preach, and Sir Charles Harrington, General Officer commanding the Northern Command, will read the lesson.

York Minster dates from 627, when it was first built by Edwin. All Yorkshiremen are proud of their Minster, and it is appropriate that its outstanding event of the year should be broadcast.

## Henry Ainley to Broadcast.

Mr. Henry Ainley, the famous actor, will appear in the London programme on Sunday, May 10th, when a Schumann symphony will be conducted by Mr. Percy Pitt. *Mansfred*, the main item, will be declaimed by Mr. Ainley. This is seldom given because it demands considerable resource in orchestra, chorus and principals, and few conductors are acquainted with the work, although the overture is frequently performed at Symphony Concerts.

## Talks on Parliament.

Mr. W. M. R. Pringle, until lately Liberal member for Penistone, is giving a new series of broadcast talks on Parliament and parliamentary personalities. Mr. Pringle is an "old hand." He has represented many different constituencies. Lord Oxford referred to him the other day as "Polumetis" Pringle, coupling him with Homer's widely-travelled Odysseus. He is a mine of information on procedure and parliamentary history and etiquette. His perpetual fund of Scots humour has endeared him to all parties in the House. His broadcast comments on current proceedings are both shrewd and raucy.

## Seasonal Changes.

Listeners will have noted no startling innovation in the programme changes that accompany Summer-time. The main entertainment period is from 8 to 10 o'clock, instead of from 7.30 to 9.30, as in the winter. The regular closing time has been advanced half-an-hour to 11 o'clock, with a further half-hour on Tuesdays and Thursdays. On Saturdays, stations continue until midnight. The Children's Corner now runs from 6 to 6.30. One of the local news bulletins has been dropped. The Summer Term of the "Broadcast University" has begun with a brilliant array of speakers, covering a wide range of subjects.

## Opera in Welsh.

A good example of Welsh Art will be provided by Swansea on Friday, May 15th, when *Blodwen*, a Welsh Opera in three acts, by Dr. Joseph Parry, will be broadcast through Cardiff as well. Mr. T. D. Jones will conduct. The work will be rendered in Welsh to words written by the Bard, Mynyddog.

## "Iphigenia" at Belfast.

The production on Thursday, May 14th, of Professor Gilbert Murray's translation of *The Iphigenia in Tauris* of Euripides will be the most important work as yet undertaken by the Belfast Radio Players. The leading parts have been given to Miss Flora Robson, who will come from London specially for the part of Iphigenia; Orestes will be played by Mr. Arthur Malcolm, who has recently given several clever performances with the Belfast Radio Players.

## An "Old Yorkshire" Evening.

Yorkshire, the largest English county, is barely represented in any Folk music collection. Much interest attaches, therefore, to the "Old Yorkshire" Evening being organized at Leeds-Bradford on May 22nd. Two dialect music plays entitled *The Elopement* and *Job and his Comforters* will be given. These are written by Mr. Frank H. Kidson, who is also responsible for the Old Yorkshire airs which accompany the words. The incidental music, also of Yorkshire origin, will be provided by the Station trio.

## The Old Timers Again.

The previous performance of old musical items by veterans of the stage was so successful that another version will be broadcast from London on Wednesday, May 6th. Mr. Charles Coorn, the famous walking comedian, will tell some of his reminiscences of old time music halls. He will include his well-known song, "The Man who Broke the Bank at Monte Carlo."

## "Pot-Pourri" at Plymouth.

On May 15th, a programme of Pot-Pourri will be given from the Plymouth Station which will include something entirely new in the Manning Organ Trio. Miss Dorothy Lincoln (soprano), and Mr. Alex. Dark (tenor) will sing popular ballads, while Miss Phyllis Smith (violin), Miss May Bartlett (violin), and Mr. Ernest Manning (pianoforte), will contribute solo instrumental numbers. Miss Florence Harding and Mr. Bloye Keys will provide the humour.

## North Country Harmony.

The St. John's Church Boys' Choir, of Blackburn, which has established a British record in winning no fewer than ninety prizes in two years, will make their first appearance in broadcasting at the Manchester Station on Wednesday, May 13th. Another well-known North country group which is appearing in the same programme is the Black Dyke Mills Band of Bradford, consisting of two cornets, a horn and a euphonium.

## Browning Anniversary.

At 10.10 p.m. on Thursday, May 7th, Miss Rosaline Masson will broadcast from Edinburgh, through all stations, on "Browning As I Knew Him." Miss Masson is the well-known biographer of R. L. Stevenson.

## Ballads at Birmingham.

Mr. John Collinson and Mr. Topliss Green are among the artists included in the special ballad programme which Birmingham will broadcast on May 15th.

## Old Psalm Tunes.

After the Evening Service at Aberdeen on Sunday, May 10th, there will be a sacred recital of old Psalm tunes by the Precentors' Choir.

## The Empire Through Glasgow.

Listeners to Glasgow on Monday, May 11th, will hear the second of the Empire Phono-Flight Series. On that night Glasgow will ring up the curtain on Australia, and will carry listeners from Sydney to Port Hedland, by way of Bendigo, Melbourne, Adelaide, Kalgoorlie, and Perth. The prelude will be provided by a representation of Captain Cook's landing at Botany Bay on April 28th, 1770.

## B.B.C. French Talk.

The French Talk on May 7th will be on Alphonse Daudet, and M. Stéphan will read *La Dernière Classe*. This story is to be found in the book *Les Contes du Lundi*.

# PEOPLE YOU WILL HEAR NEXT WEEK.



Miss BEATRICE HARRISON (Cellist) will play on May 5th for all Stations, except "5XX."

[Hawker Reel. A. McGregor.]



Miss REBECCA WEST, the writer, will speak on "Is Woman's Place in the Home?" at London on May 5th.

[Ternside.]

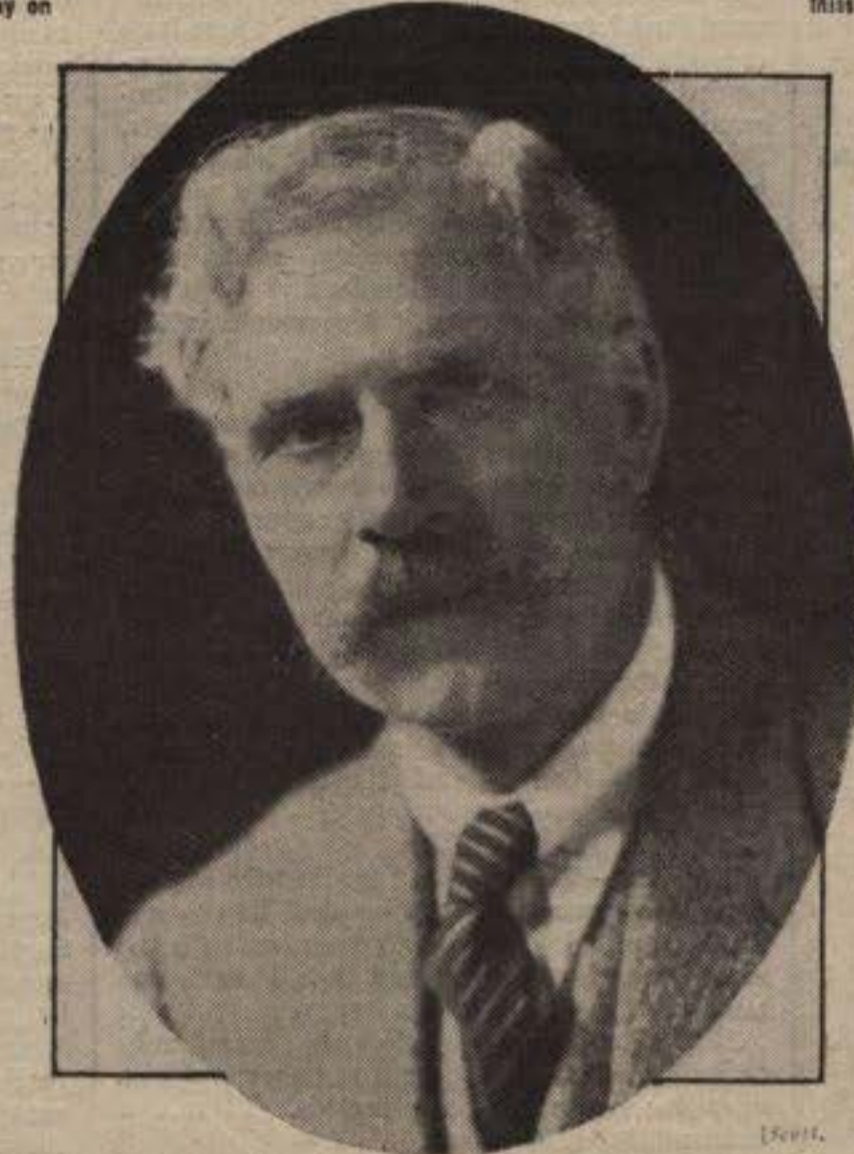


Miss SYDIL GORDON (Mezzo-Soprano), who will sing at Manchester on May 6th.

[Lindsay.]



Mr. JOHN BOOTH (Tenor) will sing at London on May 3rd.



The Rt. Hon. J. RAMSAY MACDONALD, M.P., who will speak on "The Meaning and Limits of Open Diplomacy" on May 5th. (S.B. to all Stations.)

[Scott.]



Mr. P. F. ("Plum") WARNER, will talk on "Cricket Prospects" at London on May 9th.

[Faulk.]



Miss DOROTHY BENNETT (Soprano) will sing at London and Bournemouth on May 4th and 8th respectively.



The WESSEX GLEE SINGERS, who will broadcast from Bournemouth on May 4th.



Miss DORIS GROVER, to sing at Aberdeen on May 7th.

# WIRELESS PROGRAMME—THURSDAY (May 7th.)

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

The High-Power (Chelmsford) Programme will be found on page 255.

## 2LO LONDON. 365 M.

- 1.0-2.0.—Time Signal from Greenwich. The Week's Concert of New Gramophone Records.
- 3.15-3.45.—Transmission to Schools: Shakespeare's Monarchs—Henry VIII. Lecture Recital by J. C. STOBART and R. E. JEFFREY.
- 4.0-5.0.—"Home-Making the World Over: France and Belgium," by Jane Barrington. Music performed during Afternoon Tea at the Trocadero. "The Development of English Drama" (2), by Arthur Compton-Rickett, M.A., LL.D.
- 6.0.—CHILDREN'S CORNER: "A Zoo Story," by L. G. M. of the *Daily Mail*. Pianoforte Solos by Gordon Bryan. Stories by Miss Nobody Special.
- 6.30.—Children's Letters.
- 6.40.—Music.
- 7.0.—TIME SIGNAL FROM BIG BEN. WEATHER FORECAST and 1ST GENERAL NEWS BULLETIN. *S.B. to all Stations.*  
Market Prices for Farmers. *S.B. to all Stations.*
- 7.15.—M. STEPHAN: A French Recital under the Auspices of L'INSTITUT FRANCAIS. *S.B. to all Stations.*
- 7.30.—Music. *S.B. to all Stations except Belfast and Manchester.*
- 7.40.—Boy Scouts' and Girl Guides' Programme: Choir from London Guiders' Training School.

### Chamber Music Programme. Brahms—Tchaikovsky.

#### THE PHILHARMONIC PIANOFORTE QUARTET:

PAUL BEARD (Violin);  
FRANK VENTON (Viola);  
JOHAN C. HOCK (Violoncello);  
CHARLES KELLY (Pianoforte).  
NORMAN NOTLEY (Baritone).

NOTE: To-day is the anniversary of the birth of Brahms (1833), of Tchaikovsky (1840), and of Robert Browning (1812).

- 8.0. Paul Beard, Johan C. Hock, and Charles Kelly.  
Theme and Variations from Trio, Op. 50 in A Minor ..... *Tchaikovsky*
- 8.30.—Readings from Browning.  
8.40. Norman Notley.  
"Kein wort von Dir" ("No Word From Thee").  
Wiegenlied (Cradle Song).  
"Nur wer die Sehnsucht kennt" ("None But the Weary Heart") ... *Tchaikovsky*
- 9.50. THE LONDON RADIO REPERTORY PLAYERS  
in  
"PEACE."  
A Farce in One Act by *George Calderon*.  
Cast:  
Sir Blennerhassett Postlethwaite  
ASHTON PEARSE  
A Burglar ..... RAYMOND TRAFFORD  
A Policeman ..... GEORGE SKILLAN
- 9.15. Norman Notley.  
"Feldeinsamkeit" ("Summer Fields") ..... *Brahms*  
"Wir Wandelten" ("We Wandered") ..... *Brahms*  
"Wie bist du meine Konigin" ("Gracious and Kind Art Thou, My Queen") ..... *Brahms*  
Paul Beard, Frank Venton, Johan C. Hock, and Charles Kelly.  
Movements from Quartet, Op. 25, in G Minor ..... *Brahms*  
Allegro; Andante con moto; Presto—Rondo alla Zingaresa.  
NOTE: The Intermediate Times are Approximate Only.

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

Miss ROSALINE MASSON: "Browning as I Knew Him." *S.B. from Edinburgh to all Stations.*

Local News.

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

11.30.—Close down.

## 5IT BIRMINGHAM. 475 M.

- 3.30-4.30.—The Station Pianoforte Quintet.
- 4.45-5.15.—WOMEN'S CORNER: Florence M. Austin, "Gossip in the Fields."
- 5.15-5.55.—CHILDREN'S CORNER.  
5.55-6.0.—Children's Letters.
- 6.40.—Boy Scouts' and Girl Guides' Bulletins: The Rev. R. A. Royle (Commissioner for Rover Scouts), "Rovers and Their Work."
- 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*  
Market Prices for Farmers. *S.B. from London.*
- 7.15.—FRENCH RECITAL. *S.B. from London.*
- 7.30.—Music. *S.B. from London.*
- 7.40.—Scout Bulletin.
- 8.0-11.30.—Programme *S.B. from London.*

## 6BM BOURNEMOUTH. 385 M.

- 3.45-5.0.—Talk to Women: "London Papers," by Anne Farnell-Watson. The "6BM" Trio: Reginald S. Mouat (Violin), Thomas E. Illingworth ('Cello), Arthur Marston (Piano). Albert Potter (Baritone). Kathleen Jones (Contralto).
- 5.0-5.30.—CHILDREN'S CORNER: Boy Scouts' and Girl Guides' News.  
5.30-5.45.—Children's Letters.
- 6.0-6.30.—Scholars' Half-Hour: "Tramcars and Why They Go," by C. H. Woodward, A.M.I.E.E.
- 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*  
Market Prices for Farmers. *S.B. from London.*
- 7.15.—FRENCH RECITAL. *S.B. from London.*
- 7.30.—Music. *S.B. from London.*
- 7.40.—Scout Bulletin.

### "Among the Mountains."

ALICE MOXON (Soprano).  
SPENCER COURTENAY (Tenor).  
MARTHE HUGENTOBLE (Yodelling).  
THE WIRELESS ORCHESTRA:  
Conducted by  
Capt. W. A. FEATHERSTONE.

- 8.0. Orchestra.  
Overture, "Land of the Mountain and the Flood" ..... *Hamish McCunn* (46)
- 8.10. Spencer Courtenay.  
Songs of the Rumanian Mountains  
*H. Lohr* (15)
- 8.15. Marthe Hugentobler.  
"Meine geits so schon und lustig" (Old Swiss Air) ..... *Traditional*
- 8.20. Orchestra.  
Fantasia, "A Summer's Day in Norway" ..... *Willmers* (34)
- 8.35. Alice Moxon.  
"Solveig's Song" ..... *Grieg*  
"Away on the Hill" ..... *Landon Ronald* (5)
- 8.40. Orchestra.  
"Two Caucasian Sketches" ..... *Ippolitov-Ivanov*

- 8.50. Alice Moxon and Spencer Courtenay.  
Duet, "A Messenger I Wing to You" ("Carmen") ..... *Bizet* (44)
- 9.0. Orchestra.  
Descriptive Fantasia, "Shepherd's Life in the Alps" ..... *Kling* (16)
- 9.15. Spencer Courtenay.  
"Over the Mountains" ..... *Quilter*  
"Cloudy Heights of Tatra" ... *Dvorak*
- 9.20. Marthe Hugentobler.  
"Mein Vater ischt ein Appezeller" (Old Swiss Air) ..... *Traditional*  
"Luceiget vo Berge Stal" ..... *Ferdinand Huber*
- 9.25. Orchestra.  
Tone Poem, "Finlandia" ..... *Sibelius*
- 9.35. Alice Moxon.  
"A Little Winding Road" ..... *Landon Ronald* (26)  
"I Heard a Piper Piping" ..... *Bax* (45)
- 9.40. Orchestra.  
"Alpine Echoes" ..... *Herfurth* (34)
- 9.45. Alice Moxon and Spencer Courtenay.  
Duet, "See Where the Moonbeams Wander" ..... *Rossini*
- 9.50. Orchestra.  
Overture, "William Tell" ..... *Rossini*
- 10.0.—WEATHER FORECAST and NEWS. *S.B. from London.*  
Miss ROSALINE MASSON. *S.B. from Edinburgh.*  
Local News.
- 10.30.—THE SAVOY BANDS. *S.B. from London.*
- 11.30.—Close down.

## 5WA CARDIFF. 351 M.

- 3.0-4.30. HARRY HOPEWELL (Baritone).  
THE STATION ORCHESTRA:  
Conductor, WARWICK BRAITHWAITE.  
Orchestra.  
Overture, "Shamus O'Brien" ..... *Stanford* (9)  
"Canzonetta" ..... *Tchaikovsky*  
Harry Hopewell.  
"When Dull Care" ..... *arr. Lane Wilson* (9)  
"The Violet Seller" ..... *Byrne*  
"When a Maiden" ..... *Mozart*  
Orchestra.  
"Three Arabian Dances" ..... *Ring* (15)  
Harry Hopewell.  
"Boot and Saddle" ..... } *Rupert Marsh*  
"Pebbles" ..... }  
"Hunting Song" ..... }  
Orchestra.  
"Album for the Young" ..... *Schumann*  
Harry Hopewell.  
"Thy Beaming Eyes" ..... *MacDowell* (25)  
"Nelson's Gone A-Sailing" ..... *Lohr* (15)  
"A Little Work, A Little Play" ..... *Lloyd* (58)
- 5.0-5.30.—"5WA'S" "FIVE O'CLOCKS":  
Miss Eleanor Vachell, F.L.S., Member of the Botanical Exchange Club of the British Isles, "Wild Flowers."
- 5.30-6.10.—CHILDREN'S CORNER.  
6.10-6.15.—Children's Letters.
- 6.15-6.30.—"Teens' Corner: Talk to Boy Scouts by Mr. H. Seymour Thomas, Hon. County Secretary for Cardiff.
- 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*  
Market Prices for Farmers. *S.B. from London.*
- 7.15.—FRENCH RECITAL. *S.B. from London.*
- 7.30.—Music. *S.B. from London.*
- 7.40.—Mr. J. A. HANLEY, A.R.C.Sc., Ph.D., Chief Advisory Officer for the Bristol Province, "Bad Patches in Farm Crops."
- 8.0-10.0. **By Wiry Waves and Wireless Waves.**  
Another Trip Round the B.B.C. Stations.

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 251.

**Listeners' Letters.**

(Continued from the facing page.)

**The Language of Music.**

DEAR SIR.—We have heard much criticism lately of the B.B.C. programmes. Apparently, the grumblers' complaint is that they cannot get seven programmes weekly from their local station to suit their taste. Does it not occur to them that the difficulty is in process of curing itself? All of us are being educated by broadcasting—even if against our will—the high-brow to appreciate popular music, the low-brow to understand something of the classics.

Two years ago, a very small percentage of the population could have stopped talking to hear an interpretation of Bach or Brahms; a rather larger percentage, perhaps, would have enjoyed dance music. Now it is being realized by an increasing number of people that music is, after all, a language, expressive of everything, just as our mother tongue is. It seems to me that in another two years' time, when the B.B.C. will have made further progress, the difficulties to be overcome will have lessened for that reason.

Yours, etc.,  
Brighton. A. M. W.

**"Searching" the Ether.**

DEAR SIR.—During the past winter months, I have been "searching" the ether with a simple but novel one valve set. I have been successful in logging all the B.B.C. main stations regularly every night also Leeds-Bradford, Nottingham, and Dundee, while Plymouth and Liverpool are frequent visitors.

Of the Continental stations, the following have been heard quite loudly on 'phones: Barcelona (775 miles), Madrid (900 miles), Radio Paris, School of Post, Petit Parisien, Lyons, Breslau, Munster, Hamburg, Vox Haus, Koenigswusterhausen, Brussels, and Amsterdam (1,070 metres). Apart from these, over fifteen amateurs have been heard on Sunday mornings, including "2IL" Southampton.

On another one valve set, designed for low wave-lengths, "KDKA" on 68 metres can be received on most nights; but, of course, different nights bring different results. I beg to differ from Captain Eckersley when he says that "KDKA" can be relied on as a noise, for, as a rule, this station comes over very clearly and I have found that the less valves—especially H.F.—used, the less distortion and night fading.

Yours, etc.,  
Alveston, near Bristol. C. RHIND.

(The writer is to be congratulated on his excellent results. However, the single valve set, in not having a sufficient factor of safety, is liable to be filled to its limits to receive distant stations and may, therefore, frequently re-radiate and cause interference. "KDKA" certainly comes in well, but it does not compare favourably with (say) London at 10 miles—the final criterion of a station's worth from the point of view of real broadcasting.)

**The Wireless League.**

DEAR SIR.—With reference to "H. J. T. C.'s" letter under this heading, permit me to make plain the position of the League, its relationship to the B.B.C., and its general policy.

In the first place, the League is not anti-B.B.C., on the contrary, it is "for" it. "H. J. T. C." says that it "consists of people who are not in a position to criticise"! Surely, the listeners are the people who should do so, rather than the people who do not listen!

So far, the B.B.C. receive independent criticisms; the League, on the other hand, would present suggestions that have been put to the vote by the listeners themselves before the B.B.C. has been troubled at all. This is its policy so far as the B.B.C. is concerned.

Yours, etc.,  
Patcham. CHAS. E. BATEMAN  
(Founder-member).

**How We Got the Telephone.**

**The Remarkable Growth of a Wonderful System.**

YOU remember the telephone that you used to make up in your boyhood's days with a couple of disused tins and a length of string. Would you believe it possible that this device, in a slightly improved form, with elegantly-finished mouthpieces instead of tins, and wire to replace the string, was actually in use only just over thirty years ago as a means of communication on some of our great railways? Incredible as it may sound, it is a fact. From 1888 to 1892, the North Eastern Railway had three or four sets of "string" telephones in operation in the Newcastle neighbourhood and at Tyne Dock. The Great Eastern Railway used them between signal-boxes at Tottenham; whilst the Midland Railway appears to have tried them at one time. These facts and a great many more of fascinating interest are recounted by Mr. F. G. C. Baldwin, M.I.E.E., in his book, "The History of The Telephone In the United Kingdom" (Chapman and Hall).

**A Great Scottish Inventor.**

The telephone was first brought to this country in 1877, when Sir William Preece returned from a visit to America with a pair of instruments obtained from Graham Bell, the inventor. Bell, though he worked most of his life in the United States, was a Scotsman. His father, who was a professor of elocution at Edinburgh, devoted himself to the task of studying the mechanics of human speech organs, and inspired his son with the desire to pursue the same subject. Early in his career, Graham Bell was devising instruments by means of which he succeeded in producing the vowel sounds artificially. His next step was to find a means of conveying the sounds of the human voice over long distances. For this purpose he studied electricity, and at the end of two years' hard work, he produced a working telephone.

**An Interesting Experiment.**

We should not nowadays regard the Bell telephone in its original form as a very efficient instrument. As it used no batteries, the distance over which it would work was very limited.

You can reproduce almost exactly the working of the original Bell telephones if you wire to the output terminals of your wireless receiving set two loud speakers or two pairs of telephones attached to wires long enough to enable one of them to be taken into the next room. When this is done, you will find that if you speak into one of them, a person standing by the other can hear you, and can reply in the same way.

**Anticipating the B.B.C.**

Naturally, upon its arrival, the telephone created a great stir. For Queen Victoria's benefit a line was fitted up between Osborne House and the residence of Sir Thomas Biddulph. The Queen held a conversation with him and, later, music was transmitted over the line.

On January 22nd, 1878, an event took place which may be said to have anticipated some of the work of the B.B.C. Telephones were fitted up in the House of Commons, and the proceedings were successfully transmitted to a newspaper office in Fleet Street.

There was at first no idea of a public telephone system on the lines of that which we have today. The Bell Telephone Company devoted its energies to making and installing private telephones in business houses from office to works and from department to department. Several London firms were enterprising enough to adopt the new device at once. The year 1879 saw the establishment of the first telephone exchange opened at 36, Coleman Street, with seven or eight subscribers.

It seemed at first as though the Bell Telephone

Company would have things all their own way. They held all the master patents, including that of the newly-invented microphone. Then quite suddenly a rival company, which had appointed a young man named Edison as chief engineer, stepped in with a receiver made upon quite different lines and began to sell instruments at cheaper rates. War was at once declared, the Bell Company refusing permission to their rivals to use what was believed to be the only possible form of receiver.

**"Limited Possibilities."**

Edison rose to the occasion. He promised to produce an instrument working on an entirely different principle; this he did in a few months. This was the extraordinary "Chalk Cylinder" receiver, which worked very well. For a time the two companies continued their cut-throat activities, but, in 1880, the two became merged into the United Telephone Company, with a capital of half a million pounds.

Meantime, fresh trouble was brewing. When the telephone was first brought to this country it was offered to the Post Office, which refused it on the report of its chief engineer, who stated that "his department was in possession of full knowledge of the details of the invention and that the possible uses of the telephone were very limited."

Two years later, the authorities had come to see that there was something in the telephone after all, and they then attempted to have a finger in the pie. By an existing Act of Parliament, the Postmaster-General held the monopoly of all telegraphic communication. In 1879, an action was started against the telephone companies to decide whether the telephone was not a telegraph. The companies were confident of victory, but, in the end, the Government won and the companies were forced to pay the Post Office a royalty of ten per cent. on all exchange business carried on within a radius of five miles of the London G.P.O.

**Continued Trouble.**

Then there was more trouble. The Post Office started telephone exchanges, offering to give subscribers a first-rate service. The companies retaliated by saying that they held the master patents for all kinds of telephones and that they would take proceedings against anybody who had instruments installed by the Post Office.

By the middle of 1881, we find that the Company had 914 subscribers. There were also 186 private lines associated with it. There were now eight exchanges in London, and the policy of increasing their number was followed.

By 1882, there were fifteen exchanges in London, most of them being very small indeed. An exchange with a hundred lines was a large one, and in the Provinces twenty-four was often the limit.

**One 'Phone to Forty-Seven People.**

Provincial exchanges were worked by a multiplicity of small concerns licensed by the parent company. In 1881, the National Telephone Company was formed, which gradually acquired the businesses of the smaller companies one by one until, eventually, the whole of the local exchange business was in its hands.

Matters continued on these lines until 1912, when the Post Office bought out the Company and assumed control of the whole of the telephone service in the United Kingdom, with the exception of the systems owned and worked by the corporations of Hull and Portsmouth and the State of Guernsey. By 1924, the total number of telephone subscribers had grown to 1,169,000, which represents one telephone to every forty-seven of our population. R. DE P.

# WIRELESS PROGRAMME—SUNDAY (May 3rd.)

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

**The High-Power (Chelmsford) Programme will be found on page 255.**

**2LO LONDON. 365 M.**

10.15 a.m.—12.0. **Military Sunday Service.**  
Relayed from York Minster.  
*S.B. to all Stations.*

**Organ Recital.**

*S.B. to other Stations.*

Relayed from

The National Institute for the Blind,  
Great Portland Street.

H. G. NEWELL (Organ).

WYNNE AJELLO (Soprano).

JOHN BOOTH (Tenor).

F. W. HODGKINSON (Solo Violoncello).

THE SALISBURY SINGERS.

H. G. Newell.

4.0. Fantasia ..... *Silas* (4)  
Cantata ..... *Salomé* (4)  
Allegro—Assai Vivace (From First Sonata)  
*Mendelssohn*

John Booth.

"In the Highlands" ... *Roger Quilter* (25)

"Lady Bird" ..... *Schumann*

"The Asra" ..... *Rubinstein*

4.25 (approx.) F. W. Hodgkinson.

"Madrigal" ..... *W. H. Squire* (35)

"Arlquin" ..... *D. Popper* (5)

Wynne Ajello.

"Musetta's Waltz Song" ("La Bohème")

*Puccini* (56)

"Blackbird's Song" ..... *Cyril Scott* (25)

The Salisbury Singers.

"Tune Thy Music to Thy Heart"

*Thomas Campion*

"Come Let Us All A-Maying Go"

*Atterbury*

"The Silver Swan" ..... *Gibbons*

4.55 (approx.) H. G. Newell.

Largo (from New World Symphony)

*Dvorak* (41)

Meditation ..... *D'Evry* (46)

Grand Chœur in G Minor

*Wolstenholme* (41)

John Booth.

"A Garden is a Lovesome Thing"

*Mallinson* (17)

"To People Who Have Gardens" (He-  
bridean Air) ... *arr. Kennedy-Fraser* (9)

"Stay in Town" ..... *Whittaker* (47)

"Praise Ye the Lord"

*Granville Bantock* (17)

F. W. Hodgkinson.

"The Londonderry Air"

*Arnold Trowell* (57)

"Spanish Dance" ..... *D. Popper* (57)

5.25 (approx.) Wynne Ajello.

"Vissi d'Arto" ("La Tosca") *Puccini* (56)

"A Thrush's Love Song"

*Alison Travers* (9)

The Salisbury Singers.

"A Ballad When at Sea" ... *Brewer* (46)

"Passing By" ..... *Edward Purcell* (4)

"The Long Day Closes" ... *Sullivan* (46)

H. G. Newell.

Allegro in C ..... *Wood* (46)

Andantino in G Minor ..... *Franch*

Finale ..... *Schumann, arr. Best*

6.0-6.30.—CHILDREN'S CORNER. *S.B. from*

*Glasgow.*

8.30.—Hymn, "The King of Love My Shep-  
herd Is" (A. and M., No. 197).

Bible Reading.

Anthem, "Hearken Unto Me, My People"

*Sullivan* (45)

Address: The Rt. Rev. The Bishop Suffra-  
gan of KENSINGTON.

Hymn, "Thou Whose Almighty Word"

(A. and M., No. 360).

**Orchestral Evening.**

HAROLD WILLIAMS (Baritone).

MAURICE COLE (Solo Pianoforte).

THE WIRELESS ORCHESTRA:

Conducted by DAN GODFREY, Junr.

9.0. The Orchestra.

Overture to an Unwritten Comic Opera

*Saint-Saens*

Petite Suite ..... *Debussy*

Harold Williams (With Orchestra).

"Hear Me, Ye Winds and

Waves" ("Scipio") ..... *Handel*

"Arm, Arm, Ye Brave"

("Judas") ..... *Handel*

9.30 (approx.) Maurice Cole.

"Solfegietto" ..... *Ph. E. Bach*

Intermezzo in Octaves ..... *Leschetzky*

Arabesque in A Flat ..... *Leschetzky*

Prelude from the "Suite Bergamasque"

*Debussy*

The Orchestra.

"March of the Little Wooden Soldiers"

*Lavnitz* (30)

Harold Williams.

"A Lover's Garland" ..... *Parry* (46)

"My Love's an Arbutus" ... *Stanford* (9)

"Onaway, Awake, Beloved" ... *Cowen* (44)

The Orchestra.

"Serenade des Mandolins" ... *Desormes* (38)

10.0.—TIME SIGNAL FROM GREENWICH.

WEATHER FORECAST and GENERAL

NEWS BULLETIN. *S.B. to all Stations.*

Local News.

10.15. The Orchestra.

Selection, "Madame Butterfly"

*Puccini, arr. Tavan* (56)

Maurice Cole.

Three "London Pieces" *John Ireland* (5)

"Soho Forenoons"; "Chelsea Reach";

"Ragamuffin."

The Orchestra.

"Angelus" ..... *Massenet* (67)

10.45.—Close down.

**5IT BIRMINGHAM. 475 M.**

10.15-12.0.—MILITARY SUNDAY SERVICE,

relayed from York Minster.

4.0-6.0. **Classical Favourites.**

THE STATION AUGMENTED

ORCHESTRA:

Conducted by JOSEPH LEWIS.

EDITH PADDOCK (Soprano).

JAMES HOWELL (Bass).

W. A. CLARKE (Solo Bassoon).

The Orchestra.

Overture, "Tannhäuser" ..... *Wagner*

Edith Paddock.

"Solveig's Song" ..... *Grieg*

"The Loreley" ..... *List*

The Orchestra.

Berceuse ..... *Järnefelt*

Praeludium ..... *Järnefelt*

Nocturne from "A Midsummer Night's

Dream" ..... *Mendelssohn*

James Howell.

Recit. and Aria, "I Rage, I Melt, I Burn";

"O Ruddier Than The Cherry" ("Acis

and Galatea") ..... *Handel*

The Orchestra.

Suite, "The Water Music"

*Handel, arr. Hamilton Harty* (45)

Edith Paddock.

"Consider the Lilies" ..... *Gounod*

"Serenade" ..... *Gounod*

W. A. Clarke.

Concerto (for Bassoon and Orchestra)

*Mozart*

Allegro Moderato; Adagio; Allegro

Vivace.

James Howell.

Three Songs of Travel

*Vaughan Williams* (9)

"The Vagabond"; "Bright Is the

Ring of Words"; "The Roadside

Fire."

The Orchestra.

Third Movement from Symphony No. 6,

Op. 74, in B Minor (The "Pathetic")

*Tchaikovsky*

6.0-6.30.—CHILDREN'S CORNER. *S.B. from*

*Glasgow.*

8.30.—Hymn, "Lead Us, Heavenly Father,

Lead Us" (A. and M. No. 281).

Religious Address by the Rev. J. B.

FEIST, All Saints' Church, Leamington.

Hymn, "O Let Him, Whose Sorrow No

Relief Can Find" (A. and M. No. 286).

9.0. **Chamber Music.**

THE FREEMAN PIANOFORTE TRIO:

HARRY FREEMAN (1st Violin);

THOMAS FREEMAN (Violoncello);

NIGEL DALLAWAY (Pianoforte).

GERTRUDE DAVIES (Soprano).

GEOFFREY DAMS (Tenor).

The Trio.

Elegie and Finale from Trio in D Minor,

Op. 32 ..... *Arensky* (5)

Geoffrey Dams.

"Faerie Song" ("The Immortal Hour")

*Rutland Boughton* (53)

"Adelaide" ..... *Beethoven*

Gertrude Davies.

"The Lass With the Delicate Air" *Arne*

"Should He Upbraid?" ..... *Bishop*

The Trio.

Trio in B Flat, No. 1, Op. 99 ... *Schubert*

10.0.—WEATHER FORECAST and NEWS.

*S.B. from London.*

Local News.

10.15. The Trio.

Andante from Trio No. 1, Op. 49

*Mendelssohn*

10.30.—Close down

**6BM BOURNEMOUTH. 386 M.**

10.15-12.0.—MILITARY SUNDAY SERVICE,

relayed from York Minster.

3.0-4.30. THE J. H. SQUIRE CELESTE

OCTET.

CONSTANCE WENTWORTH (Soprano).

Relayed from

South Parade Pier, Southsea.

4.30-5.0. **Pianoforte Recital.**

FIONA MACMILLAN.

Courante, Gavotte and Polonaise from

French Suite in E ..... *J. S. Bach*

Sonata in E Minor (Op. 90) ..... *Beethoven*

Fantaisie "Impromptu" (Op. 66) *Chopin*

Etude de Concert, "Automne" (Op. 35,

No. 2) ..... *Chaminade* (25)

Chants d'Espagne Seguidillas (Op. 232,

No. 5) ..... *Albeniz*

6.0-6.30.—CHILDREN'S CORNER. *S.B. from*

*Glasgow.*

8.30.—Hymn, "When I Survey The Wondrous

Cross" (Tune, "Duke St.");

Meditation, "Rockingham."

Staff-Captain HIGGINS of Bristol Salva-

tion Army: Religious Address.

Salvation Army Band.

Quartet, "Evening Praise."

THE SALVATION ARMY YEOVIL

TEMPLE BAND:

Conductor, Bandmaster W. H. BICKNELL,

BERT KELLAWAY (Tenor).

9.0. Band.

March, "Vesper Hymn."

Selection, "Man of Sorrows."

9.20. Bert Kellaway.

"Comfort Ye" ("The Messiah") *Handel*

"Every Valley" ("The Messiah") *Handel*

9.25. Band.

Selection, "The Old, Old Story."

Quartet, "Praise."

9.40. Bert Kellaway.

"The Lord Is My Light" ..... *Allitsen* (9)

"Rock of Ages" ..... *Gounod* (62)

9.45. Band.

"The Hallelujah Chorus" ("The Messiah")

*Handel*

Selection, "Jesus of Nazareth."

10.0.—WEATHER FORECAST and NEWS.

*S.B. from London.*

Local News.

10.15. Band.

Selection, "Peace of God."

Hymn, "Abide With Me."

10.20.—Close down.

*f* number against a musical item indicates the name

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

page 251.



# WIRELESS PROGRAMME—SUNDAY (May 3rd.)

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

**5WA CARDIFF. 351 M.**  
10.15-12.0.—MILITARY SUNDAY SERVICE, relayed from York Minster.

3.0-4.45. **Evensong.**  
Relayed from Bristol Cathedral.  
Sermon by  
The Rt. Rev. The BISHOP OF HEREFORD.

6.0-6.30.—CHILDREN'S CORNER. *S.B. from Glasgow.*

8.30-9.0. St. Margaret's Church Choir.  
Hymn, "The King of Love My Shepherd Is" (A. and M.).  
A Short Reading from the Scriptures.  
Anthem, "Jesu, Who From Thy Father's Throne" ..... *Cunningham Woods*  
The Rev. J. RALPH JONES, Chaplain to the Bishop of Llandaff: Religious Address.  
Hymn, "O Strength and Stay" (A. and M.).  
Benediction.

9.0. **Old Masters—II.**  
J. DALE SMITH (Baritone).  
THE STATION SYMPHONY ORCHESTRA:  
Conductor, WARWICK BRAITHWAITE.  
Orchestra.  
Overture, "The Caliph of Bagdad" ..... *Boieldieu—1775*

J. Dale Smith.  
"Elizabethan Love Songs" ... *arr. F. Keel*  
"Now, O Now, I Needs Must Part" ..... *John Dowland—1562-1628*  
"Sweet Nymph, Come to Thy Lover" ..... *Thomas Morley—1557-1602*  
"Since First I Saw Your Face" ..... *Thomas Ford—1580-1648*  
18th Century.  
"Now Phœbus Sinketh in the West" ..... *Thomas Arne—1710-1778*  
Orchestra.

Symphony in D ..... *Polaci—1745*  
J. Dale Smith.  
"Ye Twice Ten Hundred Deities" ("The Indian Queen") ..... *Purcell*  
(With Orchestral Accompaniment.)  
"I Attempt from Love's Sickness to Fly" .....  
"Ah! How Pleasant 'Tis to Love" .....  
Orchestra.

Entr'acte from "Joseph" ..... *Méhul*  
Overture, "Iphigenia in Aulis" ..... *Tilck*

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

10.15. J. Dale Smith.  
Sailor Chanties ..... *arr. Richard Terry (18)*  
"Shenandoah"; "Billy Boy."  
Orchestra.

Overture, Joseph ..... *Méhul—1795*  
10.30.—"The Silent Fellowship."  
10.55.—Close down.

**2ZY MANCHESTER. 374 M.**  
10.15-12.0.—MILITARY SUNDAY SERVICE, relayed from York Minster.

1.0-6.0. **Light Symphony Concert.**  
EFFIE MANN (Soprano).  
HELEN DAIR (Contralto).  
HAROLD HALLAS (Baritone).  
THE "2ZY" AUGMENTED ORCHESTRA:  
Conductor, T. H. MORRISON.  
Orchestra.

Overture, "Don Giovanni" ..... *Mozart*  
Helen Dair.

Recit. and Aria, "Hear Thou My Weeping" ..... *Handel*  
Harold Hallas.

"The Dome of Heaven."  
"To the Night" ..... *Franz*  
"Infinite Shining Heavens" ..... *R. V. Williams (9)*

"Star of Fate" ..... *Järnefelt (16)*  
"Maruts" (Storm Clouds) ..... *Holst (16)*  
Orchestra.

Rondino (for Wind Instruments) ..... *Beethoven*  
Effie Mann.

"Come, My Beloved" ..... *Handel*  
Orchestra.

Symphony No. 12 in G (The "Military") ..... *Haydn*  
Effie Mann and Helen Dair.

"The Sea" ..... *Brahms*  
Harold Hallas.

"'Twas in the Lovely Month"  
"From Out My Tears" ..... *Schumann*  
"A Youth Once Loved"  
"I Will Not Grieve" .....  
Orchestra.

"A Musical Box" ..... *Liudov*  
Effie Mann and Helen Dair.

"The Path of Love" ..... *Brahms*  
Orchestra.

Overture, "A Midsummer Night's Dream" ..... *Mendelssohn*

6.0-6.30.—CHILDREN'S CORNER. *S.B. from Glasgow.*

8.0.—S. G. HONEY: Talk to Young People.  
English Hymnal, No. 108, "Who is This With Garments of Gory?"  
Religious Address.

English Hymnal, No. 444, "Nearer My God to Thee."  
Bible Reading.

English Hymnal, No. 223, "Saviour Again to Thy Dear Name We Raise."

**Vocal and Instrumental Concert.**

Described by

E. SIMS HILDITCH (at the Piano).

Assisted by

BEATRICE WALLEY (Soprano).

FLORA WILKINSON (Contralto).

MARGERY HULSE (Solo Violin).

HARRY DOBSON (Solo Flute).

8.45 (approx.). Harry Dobson.  
Offertoire ..... *Donjon*  
Scherzo ..... *Steiner*

8.55. Beatrice Walley.  
"Oh, Had I Jubal's Lyre" ..... *Handel*

9.5. Margery Hulse.  
Waltz in A ..... *Brahms*

9.10. Flora Wilkinson.  
"Entreat Me Not to Leave Thee" ..... *Gounod*

9.20. E. Sims Hilditch.  
Idylle ..... *Sims Hilditch*

9.25. Beatrice Walley and Flora Wilkinson.  
Duet, "The May Bells and the Flowers" ..... *Mendelssohn*

9.30. Harry Dobson.  
Saltarello ..... *German*

9.35. Beatrice Walley.  
"O Divine Redeemer" ..... *Gounod (52)*

9.40. Margery Hulse.  
Andante and Allegro from Sonata in A ..... *Handel*

9.50. Flora Wilkinson.  
"Thou'rt Like a Lovely Flower" ..... *Schumann*  
"Slumber, Dear Maid" ..... *Handel*

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

10.15. Harry Dobson.  
Minuet from 1st Flute Concerto ..... *Mozart*

10.17. Beatrice Walley and Flora Wilkinson.  
"He Shall Feed" ("The Messiah") ..... *Handel*  
"Come Unto Him" ("The Messiah")

10.22. Beatrice Walley.  
"Sing, Joyous Bird" ..... *Montague Phillips (15)*

10.25. Flora Wilkinson.  
"O Rest in the Lord" ("Elijah") ..... *Mendelssohn*

10.30.—Close down.

**5NO NEWCASTLE. 400 M.**  
10.15-12.0.—MILITARY SUNDAY SERVICE, relayed from York Minster.

4.0-6.0.—ORGAN RECITAL. *S.B. from London.*

6.0-6.30.—CHILDREN'S CORNER. *S.B. from Glasgow.*

6.30-7.45. **SERVICE.**  
Relayed from  
The Trinity Presbyterian Church.

ROSA BURN (Contralto).  
THE STATION MILITARY BAND.  
Conductor, EDWARD CLARK.

9.0. Band.  
Overture, "Patrio" ..... *Bizet (15)*  
Suite des Valses ..... *Chabrier (15)*

9.25. Rosa Burn.  
"Oh, Didn't It Rain?" ..... *arr. H. T. Burleigh (56)*

"I Stood On De Ribber ob Jerdon" ..... *arr. H. T. Burleigh (56)*

"I Love My God and He Loves Me" ..... *Bullock (18)*

9.35. Band.  
Selection, "Samson and Delilah" ..... *Saint-Saëns*

Overture, "Oberon" ..... *Weber*

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

Local News.

10.15. Rosa Burn.  
"I Will Sing New Songs of Gladness" ..... *Dvorak (41)*

"O Rest In The Lord" ..... *Mendelssohn*

10.25.—Close down.

**2BD ABERDEEN. 495 M.**  
10.15-12.0.—MILITARY SUNDAY SERVICE, relayed from York Minster.

4.0-6.0.—ORGAN RECITAL. *S.B. from London.*

6.0-6.30.—CHILDREN'S CORNER. *S.B. from Glasgow.*

8.30. Crown Terrace Methodist Church Choir.

Hymn, "O For a Thousand Tongues" (Tune, "Lydia").

The Rev. E. W. TROUNSON, Crown Terrace Methodist Church: Religious Address.

Choir.  
"And Can It Be?" (Tune, "Sagiora").

Anthem, "O Saviour of the World" ..... *Coss*

9.0. **Psalms and Psalm Tunes.**  
With Vocal Illustrations  
By Select Choir.

Soloists:  
CATHIE THOMSON (Soprano).  
JESSIE DAVIDSON (Contralto).  
WILLIAM F. MCKAY (Tenor).  
DAVID TAYLOR (Baritone).  
Conductor and Lecturer:  
T. AYRTON.

10.0-10.45.—Programme *S.B. from London.*

**5SC GLASGOW. 420 M.**  
10.15-12.0.—MILITARY SUNDAY SERVICE, relayed from York Minster.

3.0-4.0.—Service at the Annual Church Parade of the Glasgow Battalion of the Boys' Brigade, relayed from St. Andrew's Hall.

4.0-6.0.—ORGAN RECITAL. *S.B. from London.*

6.0-6.30.—CHILDREN'S CORNER. *S.B. to all Stations.*

6.30-7.45. Religious Service.  
Relayed from  
Renfield U.F. Church.  
Address by  
The Rev. ERSKINE BLACKBURN, M.A.

9.0-10.0. THE STATION CHOIR.  
Recital of Sacred Music.  
*S.B. to Edinburgh and Dundee.*

"Come, Holy Ghost" ..... *Palestrina*  
"I Wrestle and Pray" ..... *Bach*  
"The Lord Is My Shepherd" (Female Voices) ..... *Schubert*  
"Judge Me, O God" ..... *Mendelssohn*  
Legend, "Christ In His Garden" ..... *Tchaikovsky*

10.0-10.45.—Programme *S.B. from London.*

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 251.

# WIRELESS PROGRAMME—MONDAY (May 4th.)

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

The High-Power (Chelmsford) Programme will be found on page 255.

**2LO LONDON. 365 M.**

3.15-3.45.—Transmission to Schools: Mr. E. Kay Robinson, Natural History Talk, "Moths."

4.0-5.0.—Time Signal from Greenwich. "Vogues and Vanities," by Carmen of Cocksaigne. Music performed during Afternoon Tea at the Trocadero. "The Human Side of Shakespeare" (2), by F. E. M. Macaulay.

5.0-6.0.—An Hour's Dance Music.

6.0-5.30.—CHILDREN'S CORNER: "Foxes' Gloves," by Christine Chaundler. Music by Auntie Sophie. "A Talk on Heraldry," by E. Le Breton Martin.

6.30-6.40.—Children's Letters.

6.40.—Talk by the Radio Society of Great Britain. *S.B. to all Stations.*

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

Mr. W. M. R. PRINGLE, "Doings and Personalities in Parliament." *S.B. to all Stations.*

7.25.—Music *S.B. to other Stations.*

7.40.—Topical Talk.

## Military Band Night.

THE BAND OF H.M. SCOTS GUARDS. (By permission of Col. G. C. G. Paynter, C.M.G., D.S.O.)

Director of Music, Lieut. F. W. WOOD. DOROTHY BENNETT (Soprano). A. BELL-WALKER (Tenor). EARLE SPICER (Baritone). MABEL FITZGERALD (Entertainer).

8.0. The Band. First Suite, in E Flat ..... Holst (9) A. Bell-Walker.

"Pleading" ..... Elgar (46)

"Who Is Sylvia?" ..... Schubert Dorothy Bennett.

"When Myra Sings" ..... A. L. (26)

"Nymphs and Fawns" ..... Bemberg

8.25 (approx.). The Band.

Suite, "L'Arlesienne" ..... Bizet

Mabel Fitzgerald.

Items from her Repertoire.

The Band.

"Benedictus" ..... Mackenzie (46)

8.55 (approx.). Earle Spicer.

A Group of Art Songs.

Dorothy Bennett.

"Villanelle" ..... E. del Acqua (4)

"An Eriskay Love Lilt" ..... M. Kennedy Fraser (9)

The Band.

Tone Poem, "Finlandia" ..... Sibelius (34)

A. Bell-Walker.

"I Hear a Thrush at Eve" ..... Cadman (9)

"Sigh No More, Ladies" ..... Aiken (58)

The Band.

Hungarian Dances, Nos. 5 and 6 ..... Brahms (41)

Selection, "The Street Singer" ..... Fraser-Simson (15)

9.45-10.15.—Speech by HIS EXCELLENCY THE AMERICAN AMBASSADOR, at the Pilgrims' Dinner, relayed from The Hotel Victoria. *S.B. to all Stations.*

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

Mr. G. W. REYNOLDS, President of the London Insurance Institute, "Fire Insurance Protection." *S.B. to all Stations.*

Local News.

10.45. Earle Spicer.

A Group of Negro Spirituals

arr. Lawrence Brown

The Band.

Serenade, "Les Millions d'Arlequin" ..... Drigo (34)

11.0.—Close down.

## THE EXPERIMENTAL TRANSMISSION

For Amateur Wireless Engineers

will be carried out by the

PLYMOUTH STATION

11.0-11.30.

## 5IT BIRMINGHAM. 475 M.

3.30-4.30.—The Station Wind Quintet. Helen Grant (Soprano).

4.45-5.15.—WOMEN'S CORNER: Sidney Rogers, F.R.H.S., "Topical Horticultural Hints—Various Beans." Marjorie Bates (Solo Pianoforte).

5.15-5.55.—CHILDREN'S CORNER.

5.55-6.0.—Children's Letters.

6.40-7.55.—Programme *S.B. from London.*

### Popular Orchestral Programme.

THE STATION ORCHESTRA.

MABEL SENIOR (Soprano).

THE "5IT" MALE VOICE QUARTET.

JANET JOYE (in Impressions).

8.0. The Orchestra.

"March, 'A Wounded Friend'" ..... Myddleton (34)

Selection, "A Princess of Kensington" ..... German (15)

Mabel Senior.

"The Fairy Laundry" ..... Montague Phillips (15)

"I Know a Bank" ..... Martin Shaw (17)

8.30. The Orchestra.

"Slumber Song" ..... Squire (10)

Intermezzo, "In a Pagoda" ..... Bratton (27)

Janet Joye.

In a few Original Impressions of Popular Music Hall Artists.

9.0. The Orchestra.

Suite, "Woodland Pictures" ..... Fletcher (34)

"In the Hayfields"; "An Old World Garden"; "The Banquet."

The Quartet.

"Mrs. Cosey's Boarding House" ..... Macy (18)

"Little Billee" ..... Boughton (18)

"They Kissed, I Saw Them Do It" ..... Hawley (18)

Mabel Senior.

"Morning" ..... Oley Speaks (68)

"Spring Sang a Song" ..... Gerald Carne

"The Sceptre of June" ..... M. V. White

9.30. The Orchestra.

Valse, "Blue Bells" ..... Waldteufel

9.45-10.15.—Programme *S.B. from London.*

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

Mr. G. W. REYNOLDS. *S.B. from London.*

Local News.

10.45. The Quartet.

"After Many a Dusty Mile" ..... Elgar (46)

"In Vocal Combat" ..... Balfe (18)

11.0.—Close down.

## 6BM BOURNEMOUTH. 386 M.

3.45-5.0.—Talk to Women: "The Birth of Poetry," by the Rev. A. D. J. Allan, M.A. Orchestra, relayed from the Electric Theatre.

5.0-5.30.—CHILDREN'S CORNER: Songs and Stories by Uncle Rob and Auntie Ethel. "Stamp Talk," by Uncle Neville.

5.30-5.45.—Children's Letters.

6.0-6.30.—Scholars' Half-Hour: "The East India Company," by Miss M. R. Dacombe, M.A.

6.30-6.40.—Bulletin of the Radio Societies of Bournemouth and District.

6.40-7.55.—Programme *S.B. from London.*

### Popular Programmes.

THE WESSEX GLEE SINGERS.

G. H. BEER (Dialect Stories).

8.0. Glee Singers.

"The Soldiers' Chorus" ("Faust") ..... Gounod (18)

"Alexander" (Humorous) ..... A. H. Brewer (46)

"Down Among the Dead Men" ..... Granville Bantock (18)

8.10. G. H. Beer.

"Garge and the Ould Zow" ..... Beer

8.15. Glee Singers.

"Sweet and Low" ..... J. Barnby (18)

Two Negro Spirituals H. T. Burleigh (56)

"Deep River"; "Heav'n, Heav'n."

8.25. G. H. Beer.

"The Harvest Zupper" ..... Beer

8.30.—Music relayed from the Electric Theatre. Musical Director, D. C. Ronald.

9.10. THE LONDON RADIO REPERTORY PLAYERS

in

"THE DWELLER IN THE DARKNESS."

Written for Broadcasting by

REGINALD BERKELEY.

(Author of "French Leave," "Eight O'Clock," etc.)

Mrs. Vyner. MABEL CONSTANDUROS

Phyllis Vyner ..... PHYLLIS PANTING

Henry ..... TARVER PENNA

Mr. Mortimer ..... HENRY OSCAR

Mr. Vyner ..... GEORGE SKILLAN

Professor Urquhart ..... ASHTON PEARSE

The Play Directed by

R. E. JEFFREY.

9.45-11.0.—Programme *S.B. from London.*

## 5WA CARDIFF. 351 M.

2.30-3.0.—Organ Recital, relayed from the Capitol Cinema.

3.0-4.0.—The Station Trio.

5.0-5.30.—"5WA'S" "FIVE O'CLOCKS."

5.30-6.5.—CHILDREN'S CORNER.

6.5-6.15.—"THE LETTER BOX."

6.15-6.25.—"Teens' Corner—Stamp Talk."

6.25-6.40.—Mr. Guy Pocock: "The Little Room."

6.40-7.25.—Programme *S.B. from London.*

### "5WA" Visits Newport.

Concert in Aid of

The Royal Gwent Hospital.

Relayed from

The Central Hall, Newport.

MAVIS BENNETT (Soprano).

TUDOR DAVIES (Tenor).

ROBERT PITT and LANGTON MARKS

(Entertainers).

JOHN HENRY (Entertainer).

VERA McCOMBE-THOMAS (Solo

Pianoforte).

ARTHUR E. SIMS (Organist).

THE STATION ORCHESTRA:

Conductor, WARWICK BRAITHWAITE.

7.30. Orchestra.

Overture, "The Merry-makers" ..... Coates (15)

7.45. Mavis Bennett.

"Thou Charming Bird" ("The Pearl of

Brazil") ..... David

"A Prairie Lullaby" ..... Stanford Robinson

(With Orchestral Accompaniment.)

7.55. Robert Pitt and Langton Marks.

"A Topical Budget."

8.5. Orchestra.

Suite, "Peer Gynt," No. 1 ..... Grieg

"Morning"; "Death of Ase"; "An-

tra's Dance"; "In the Hall of the

Mountain King."

8.20. Tudor Davies.

"To Her I Love" ("Il mio Tesoro")

("Don Giovanni") ..... Mozart

"Oh, Her Contentment" ("Ah, del sua

pace") ("Don Giovanni") ..... Mozart

(With Orchestral Accompaniment.)

8.30. John Henry will Talk.

8.40. Orchestra.

Suite, "Harvest Time" ..... Haydn Wood (9)

"Largo" (with Organ) ..... Handel

"Clown's Dance" ("The Bartered Bride")

Smetana

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 251.

# WIRELESS PROGRAMME—MONDAY (May 4th.)

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

- 8.55.—Station Director's Talk.
- 9.5. Mavis Bennett.  
"Villanelle" (By Request)  
*Eva dell'Acqua* (4)
- 9.10. Robert Pitt and Langton Marks.  
"Duets Up-to-Date."
- 9.20. Vera McCombe-Thomas.  
"Rigoletto Paraphrase" ..... *Verdi-Listz*
- 9.25. Tudor Davies.  
"O Vision Entrancing" ..... *Thomas*  
"The Willow" ..... *Thomas*
- 9.35. John Henry will Sing.
- 9.45-11.0.—*Programme S.B. from London.*  
Concert in Hall.
- 9.45. Mavis Bennett.  
"Hymn to the Sun" ("Le Coq d'Or")  
*Rinsky-Korsakov*  
"Weep You No More, Sad Fountains"  
*Stanford Robinson*  
(With Orchestral Accompaniment.)
- 9.55. Orchestra.  
Introduction to Act III, "Lohengrin"  
*Wagner*

## 2ZY MANCHESTER. 374 M.

- 3.30-4.0.—Broadcast for Schools: (3.30) M. Albert Thouaille, M.A. (Paris), Reading of French Literature. (3.45) James Bernard, Reading of English Literature.
- 4.0-5.15.—Concert by the "2ZY" Quartet. Rosalind Lees (Contralto). Talk to Women.
- 5.30-5.45.—Children's Letters.
- 5.45-6.30.—CHILDREN'S CORNER.
- 6.40-7.40.—*Programme S.B. from London.*
- 7.40.—Mr. E. SIMS HILDITCH, Lecturer in Music to the Cheshire County Training College, on "Music" (4).

### Dance Night.

- THE STATE CAFE DANCE BAND.  
Relayed from the State Café.  
Conductor, MERRION DERFEL.  
ALICE LILLEY (Soprano).  
PAT RYAN (Solo Clarinet).  
R. H. JACKSON (The Misery Shifter).
- 8.0. Dance Band,  
Alice Lilley.  
"I Heard You Singing" ..... *Eric Coates*  
Pat Ryan.  
Adagio, from Clarinet Concerto (Op. 107)  
*Mozart*  
"Schon Rosmarin" ..... *Kreisler* (57)
- 8.25. (approx.) Dance Band,  
R. H. Jackson.  
"Our Party" ..... *Bert Lee, arr. Jackson* (29)
- 9.15 (approx.) Alice Lilley.  
"Everywhere I Go" ..... *Easthope Martin* (26)  
Dance Band,  
Pat Ryan.  
Irish Air from County Derry ... *Traditional*  
"Love Song" ("Liebeslied")  
*Kreisler* (57)  
"Spring Song" ..... *Mendelssohn*  
R. H. Jackson.  
"Ventriloquialossities" ..... *Jackson*
- 9.45-11.0.—*Programme S.B. from London.*

## 5NO NEWCASTLE. 400 M.

- 3.45-4.45.—Band, relayed from Fenwick's Terrace Tea Room.
- 4.45-5.15.—John Jameson (Baritone). Weekly News Letter. London Paper ("Happiness," by a Medical Psychologist).
- 5.15-5.55.—CHILDREN'S CORNER.
- 5.55-6.0.—Children's Letters.
- 6.0-6.20.—Scholars' Half-Hour: Charles Roberts, "Wonders of the Past—Pompeii."
- 6.35.—Farmers' Corner: Mr. H. C. Pawson, "Destruction of Weeds."
- 6.40-7.55.—*Programme S.B. from London.*

### "Memories."

- BETTY HUMBLE (Soprano).  
JOHN ATKINSON (Violin).  
GEORGE TINDLE (Tenor).  
THE "5NO" REPERTORY COMPANY.  
Orchestra.
- 8.0. "In the Shadows" ..... *Finck* (34)  
Overture, "Die Fledermaus" ("The Bat")  
*Johann Strauss*
- 8.10. Betty Humble.  
"Kerry Dance" ..... *Malloy* (9)  
"Robin Adair" ..... *Scotch Air*  
"Twickenham Ferry" ..... *Mazials* (9)
- 8.20. John Atkinson.  
Air in G String ..... *Bach*  
Valse in A Flat ..... *Brahms-Hochstein* (57)  
Rondo in G ..... *Mozart-Kreisler* (57)
- 8.30. George Tindle.  
"Idle Words" ..... *Adams* (9)  
"A Good Old-Fashioned Chorus"  
*Henry* (4)  
"The Veteran's Song" ..... *Adams* (9)
- 8.40. Orchestra.  
Waltz, "Destiny" ..... *Baynes* (61)
- 9.50. Betty Humble.  
"Love, The Pedlar" ..... *German* (9)  
"Beloved, It Is Morn" ..... *Aylward* (15)  
"The Swallows" ..... *Cowen* (9)
- 9.0. The Repertory Company

### "BETWEEN THE SOUP AND THE SAVOURY."

- A Play in One Act  
by Gertrude E. Jennings.  
Cast:  
Maria, the Cook ..... NORAH BALLS  
Ada, the Parlourmaid MARY KNYVETT  
Emily, the Kitchenmaid SAL STURGEON  
Scene: A Kitchen.  
Produced by GORDON LEA.
- 9.30. John Atkinson.  
Popular Viennese Melody ... *Kreisler* (57)  
Ballet Music from "Rosamunde"  
*Schubert-Kreisler* (57)  
Slavonic Dance in E Minor  
*Dvorak-Kreisler* (57)  
George Tindle.  
"Drink to Me Only" ... *arr. Roger Quilter*  
"My Old Shako" ..... *Trotter*
- 9.45-10.45.—*Programme S.B. from London.*
- 10.45. E. LYNCH ODHAMS.  
Humorous Readings.
- 11.0.—Close down.

## 2BD ABERDEEN. 495 M.

- 3.30-5.0.—Concert: The Wireless Dance Orchestra. Feminine Topics.
- 5.30-6.0.—CHILDREN'S CORNER: Songs by Auntie Marjorie.

### KEY LIST OF MUSIC PUBLISHERS.

- 1. J. H. Adams Music Publishing Co. 2. Anglo-French Music Co., Ltd. 3. Ascherberg, Hopwood, and Crew, Ltd. 4. Edwin Ashdown, Ltd. 5. Augener, Ltd. 6. Bayley and Ferguson. 7. Beal, Stottard, and Co., Ltd. 8. John Blackburn, Ltd. 9. Boosey and Co. 10. Bosworth and Co., Ltd. 11. Cammeyer Music and Manufacturing Co. 12. Campbell, Connelly, and Co. 13. Cary and Co. 14. Cavendish Music Co. 15. Chappell and Co., Ltd. 16. J. and W. Chester, Ltd. 17. J. B. Cramer and Co., Ltd. 18. J. Curwen and Sons, Ltd. 19. Herman Darewski Music Publishing Co. 20. Werton David, Ltd. 21. Dix, Ltd. 22. Dolart and Co. 23. Duff, Stewart, and Co., Ltd. 24. Eclipse Music Publishing Co., Ltd. 25. Eldon and Co., Ltd. 26. Enoch and Sons. 27. B. Feldman and Co. 28. Forsyth Bros., Ltd. 29. Francis, Day and Hunter, Ltd. 30. Goodwin and Tabb (1924), Ltd. 31. Gould and Bobbler. 32. A. Hammond and Co. 33. Frederick Harris Co. 34. Hawkes and Son. 35. J. P. Hull. 36. Keith Prowse and Co., Ltd. 37. James S. Kerr. 38. J. R. Lafleur and Son, Ltd. 39. Larcene and Co., Ltd. 40. J. H. Larway. 41. Alfred Lengnick and Co., Ltd. 42. Cecil Lennox and Co. 43. Leonard and Co. 44. Metzler and Co. (1920), Ltd. 45. Murdoch, Murdoch and Co. 46. Novello and Co., Ltd. 47. Oxford University Press. 48. Parcell, Haigh, and Co. 49. Walter Partridge and Co. 50. Paterson, Sons, and Co., Ltd. 51. W. Paxton and Co., Ltd. 52. Phillips and Page. 53. Reeder and Walsh. 54. Reid Bros., Ltd. 55. Reynolds and Co. 56. G. Biscoll and Co. 57. Schott and Co., Ltd. 58. Stalner and Bell, Ltd. 59. A. J. Stansy Music Co., Ltd. 60. Stark Music Publishing Co. 61. Swan and Co. (Music Publishers), Ltd. 62. Warren and Phillips. 63. A. Weekes and Co., Ltd. 64. West's, Ltd. 65. John Whiteley. 66. Wilford, Ltd. 67. Joseph Williams, Ltd. 68. Windthrop Rogers, Ltd. 69. M. de Wolfe. 70. B. F. Wood Music Co. 71. Lawrence Wright Music Co.

- 6.0-6.30.—Boy Scouts' News Bulletin. Girl Guides' News Bulletin: Capt. E. Barnett, "Nature Study for Guides."
- 6.40-7.40.—*Programme S.B. from London.*
- 7.40.—Patrick McGee on "City Guilds."

### Ballad Concert.

- BRENDA JOHNSON (Dramatic Soprano).  
GRACE FORBES (Contralto).  
WALTER HYDE (Tenor).  
THE WIRELESS ORCHESTRA.  
Orchestra.
- 8.0. "Petite Suite d'Orchestre" ..... *Bizet* (38)
- 8.10. Brenda Johnson.  
"L'Eté" ..... *Chaminade* (67)  
"Love Went A-Riding" ..... *Bridge* (68)  
"The Star" ..... *Rogers*
- 8.25. Walter Hyde.  
"Once Again" ..... *Sullivan* (9)  
"Drink to Me Only" ..... *arr. Quilter* (68)  
"Serenade" ..... *Schubert*  
"Harp of the Woodland" ... *Martin* (25)
- 8.40. Grace Forbes.  
"The Dream Canoe" ..... *Squire* (9)  
"Roses" ..... *Adams* (9)  
"Song of the Pilgrims" ..... *Brook* (46)  
"Go, Lovely Rose" ..... *Quilter*
- 8.55. Orchestra.  
"Chiddingfold" (Suite for Strings)  
*Dunhill* (46)
- 9.10. Brenda Johnson.  
"Knotting Song" ..... *Purcell* (46)  
"Linden Lea" ..... *Williams* (9)  
"The Shepherd's Song" ..... *Elgar* (3)
- 9.25. Walter Hyde.  
"Eleanore" ..... *Taylor* (46)  
"At the Mid-Hour of Night" ... *Cowen*  
"I Love Thee" ..... *Grieg*  
"Thy Beaming Eyes" ... *MacDowell* (25)  
"Jean" ..... *Burleigh* (56)
- 9.40. Grace Forbes.  
"Because" ..... *D'Hardelot* (15)  
"She is Far From the Land" *Lambert* (15)
- 9.45-11.0.—*Programme S.B. from London.*

## 5SC GLASGOW. 420 M.

- 3.30-4.30.—An Hour of Melody with the Wireless Quartet and Catherine Calder (Contralto).
- 4.45-5.15.—WOMEN'S HALF-HOUR.
- 5.15-6.0.—CHILDREN'S CORNER.
- 6.0-6.5.—Weather Forecast for Farmers.
- 6.40-7.40.—*Programme S.B. from London.*
- 7.40.—Mr. W. KERSLEY HOLMES: Topical Talk.

### Popular and Literary.

- THE STATION ORCHESTRA:  
Conducted by  
HERBERT A. CARRUTHERS.  
AUGUSTUS BEDDIE (Lecture Recital).  
JOHN E. GREEN (Entertainer).
- 8.0-8.30.—*Programme S.B. from London.*
- 8.30. John E. Green.  
"A North Country Interlude."
- 8.45. Augustus Beddie.  
"FOR CONSCIENCE SAKE"  
(*Ian MacLaren*).  
First Instalment.  
"Let us have faith that right makes might; and in that faith let us dare to do our duty as we understand it."—ABRAHAM LINCOLN.  
Incidental Music by  
The Wireless Quartet.
- 9.30. John E. Green.  
"If Life Were a Play" ..... *Gray* (55)  
"One Little One More" ..... *Hayes* (14)  
"Philosophy of Work."
- 9.45-11.0.—*Programme S.B. from London.*

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

# WORLD RADIO TIMES.

Owing to frequent changes of wave-lengths and times of transmission, absolute accuracy cannot be guaranteed, but each time we go to press with this list it will be carefully checked with the latest available information. The times given are according to British Summer Time.

## FRANCE.

**EIFFEL TOWER (FL)**—Paris, 2,650 m. (6 kw.).  
6.40 a.m., Weather (exc. Sun.); 11.0, Markets (exc. Sun. and Mon.); 11.15, Time Sig., Weather; 2.45, 3.35, 4.30 p.m., Stock Exch. (exc. Sun. and Mon.); 6.15 p.m., Con.; 7 p.m. and 10.10, Weather. On 2,200 m., at 8.30 p.m., Con. (Wed., Sun., temp.).

**RADIO-PARIS (CFR)**—1,750 m. (abt. 4½ kw.).  
Sundays: 12.45 p.m., Con., News; 8.15, News, Esperanto, Con. or Dance.  
Weekdays: 12.30 p.m., Con., Markets, Weather, News; 4.30, Stock Exch.; 8.15, News, Con. or Dance. *Le Matin*, Paris, provides a special Con. every 2nd and 4th Sat. in the month at 9 p.m. CFR frequently relays 5XX after 10.0 p.m.

**ECOLE SUP. DES POSTES ET TELEGRAPHES (PTT)**  
—Paris, 458 m. (800 w.).  
2 p.m., Lec. relayed from Sorbonne University (Thu.); 3.45 and 5 p.m., Lec. (Wed.); 8 p.m., English Talk (Tue.); Children, Esperanto (Thu.); 8.30 p.m., Con. or outside relay almost daily.

**PETIT PARISIEN**—Paris, 345 m. (500 w.).  
9.30 p.m., Con. daily (exc. Wed. and Fri.).

**AGEN**—318 m. (250 w.).  
11.40 a.m., Weather, Time, News, Markets; 8.30 p.m., Same, also Con. (irr.).

**MONT DE MARSAN**—345 m. (temp.).  
Tests (Fri., 8 p.m.).

**LYONS (Radio-Lyon)**—387 m. (2 kw.).  
12.30 and 8.30 p.m., News, Stock Exch., Con. (exc. Tue. and Fri.); 9 p.m., Dance (Tue. and Fri.).

**RADIO SUD-EST**—340 m. (temp.).  
8 p.m., Con. (Tue. and Fri.).

## GERMANY.

**CASSEL (Relay Station)**—288 m. (1½ kw.). From Frankfurt-Dresden (Relay Station)—280 m. (1½ kw.). From Leipzig.

**HANOVER (Relay Station)**—296 m. (1½ kw.). From Hamburg. Also own Con. at 1.45 p.m. (Sun.); 4.30 p.m., weekdays.

**BREMEN (Relay Station)**—330 m. (1½ kw.). From Hamburg. Own Con. as Hanover.

**NUREMBERG (Relay Station)**—340 m. (800 w.). From Munich.

**GLEIWITZ (Upper Silesia) (Relay Station)**—Under construction.

**STETTIN (Relay Station)**—Under construction.

**KIEL (Relay Station)**—Under construction.

**DORTMUND (Main Station)**—Under construction.

**HAMBURG**—305 m. (1 kw.).  
Sundays: 8.55 a.m., Time Sig., Weather, News, Lec.; Women: 11.15, Sacred Con.; 12.15, Chess; 1.15 p.m., Lec.; 2.30, Chess; 5 p.m., Children, Con.; 7.15, English, Sport, Weather; 8 p.m., Con. or Opera, News in English, Dance.  
Weekdays: 7.25 a.m., Time Sig., News, Weather, Markets; 8.30, Theatre News; 12.15, Markets; 12.55, Nauen Time Sig., Shipping News; 2.45 p.m., Markets, Police News; 4.10, Women; 6 p.m., Children (Mon. and Tue.); 7 p.m., Lec. (Sun.), English (Tue., Fri.), Spanish (Thu.); 8 p.m., Con. or Opera; 10 p.m., Markets, News in English, Dance.

**MUNSTER**—410 m. (2½ kw.).  
12.0, Con., News (Sun.); 12.30 p.m., News (weekdays); 12.55, Nauen Time Sig.; 3.30, News, Time Sig.; 4 p.m., Con., Children (Mon.); 7 p.m., Italian (Tue., Sat.), Esperanto (Wed.); 7.40, News, Weather, Time Sig., Lec.; 8.25, Women (Mon.); 8.30, Con.; 10 p.m., English (Tue., Fri.).

**BRESLAU**—418 m. (1½ kw.).  
11.15 a.m., Stock Exch., Weather; 12.0, Con. (daily); 12.55, Nauen Time Sig. (Sun.), Weather, Stock Exch.; 1.25 p.m., Time Sig. (weekdays), News, Weather; 3 p.m., News; 4 p.m., Children (Sun.); 5 p.m., Con.; 7 p.m., Lec.; 7.30, Lec. (Sun.), English (Mon.), Shorthand (Wed.), Italian (Thu.); 8.30 p.m., Con., Weather, Time Sig., News; 10 p.m., Dance (Mon.), Cabaret (Tue.).

**BERLIN (Vox Haus)**—505 m. (1½ kw.).  
9 a.m., Sacred Con. (Sun.); 10.0, Markets, News, Weather; 11.0, Factory Con. and Tests; 12.0, Educ. Hour (Sun.); 12.15, Stock Exch.; 12.55, Nauen Time Sig., News, Weather; 2.15 p.m., Stock Exch.; 3 p.m., Educ. Lec. (Sun.), Markets, Time Sig.; 3.30 p.m., Children (Sun., Wed.); 3.35 p.m., Esperanto (Sat.); 4.30 p.m., Orch.; 6.20 p.m., Educ. Lec., Women; 7 p.m., French (Mon.), Lec.; 8 p.m., Theatre News (Tue.); 8.30 p.m., Con., Weather, News, Time Sig.; 10.30 p.m., Chess (Mon.), French (Tue.), Dance (Thu., Sat.).  
\* If Opera, relayed or from Studio, usually at 7.30 p.m.

**BERLIN (Witzleben)**—abt. 500 m. (10 kw.). Testing shortly.

**STUTTGART**—443 m. (1½ kw.).  
11.30 a.m., Con. (Sun.); 5 p.m., Con. (Sun.), Children (Wed., Sat.); 6.30 p.m., Time Sig., News; 7 p.m., Lec.; 7.30, Esperanto (Thu.); 8 p.m., Con. (daily); 9.15 p.m., Time Sig., late Con. or Cabaret.

**LEIPZIG**—454 m. (700 w.).  
8.30 a.m., Sacred Con. (Sun.); 10.0, Markets, News; 11.0, Educ. Hour (Sun.); 12.0, Con. (daily); 12.55, Nauen Time Sig., Stock Exch., News; 4 p.m., Con. (Sun.), Markets; 4.30, Con. (weekdays), Children (Wed.); 5.30 p.m., Lec.; 6.0, Markets, Stock Exch., Lec.; 6.30, Wireless Talk (Sat.); 7 p.m., English; 8.15 p.m., Con. or Opera, Weather, News; 10 p.m., Con., Cabaret, or Dance (not daily).

**KOENIGSBERG**—463 m. (1 kw.).  
9 a.m., Sacred Con. (Sun.), Markets (Wed., Sat.); 12.55, Nauen Time Sig., Weather, News; 4 p.m., Markets; 4.30, Con., Children (Mon.); 7.30, Lec., Esperanto (Wed., Sat.); 8 p.m., Con. or Opera, Weather, News, dance (irr.).

**FRANKFURT-ON-MAIN**—470 m. (1½ kw.).  
8.30 a.m., Sacred Con. (Sun.); 10.45, Stock Exch.; 12.55, Nauen Time Sig.; 3 p.m., Stock Exch., Markets; 4 p.m., Children (Sun.), Markets, News; 4.30, Con., Children (Wed.); 5 p.m., Con., Lec. (Sun.); 6 p.m., Markets, Lec.; 6.30 p.m., Shorthand (Thu.); 7 p.m., Esperanto (Fri.); 8 p.m., Lec., Con., News, Weather, English (Mon.); 10 p.m., Con. or Dance (almost daily).

**MUNICH**—485 m. (1 kw.).  
11.30 a.m., Lec., Con. (Sun.); 12.55, Nauen Time Sig., News, Weather; 3.20 p.m., Markets; 4 p.m., Orch. (Sun.), Children (Wed.); 4.30, Orch. (weekdays); 5 p.m., Lec. (Sun.), Children (Wed.); 6 p.m., Con. (Sun.); 6.30, Lec., Chess (Tue.), English (Fri.); 7.15, Italian (Tue.); 8.30 p.m., Con., News, Weather, Time Sig.; 10.15 p.m., late Con. (irr.).

**KOENIGSWUSTERHAUSEN (LP)** (near Berlin)—2,450 m., (5 kw.).  
7.30 a.m.—8.40 p.m., Wolf's Press News. (At end of each transmission Announcer states time of next call.)  
1.500 m. (6 kw.). 11.30 a.m., Con., Esperanto, Lec. (Sun.).  
3,150 m. (5 kw.). 7.45 a.m.—7.45 p.m., News.  
4,000 m. (10 kw.). 7 a.m.—9 p.m., News Service.

## AUSTRIA.

**VIENNA (Radio Wien)**—530 m. (1.4 kw.).  
9 a.m., Markets (exc. Sun.); 11.0, Con., (Tue., Thu., Sat., Sun.); 1.5 p.m., Time Sig., Weather; 3.30 p.m., Stock Exch. (exc. Sun.), News, Con.; 5.10, Children (Sat.), Women (Wed.); 8.30 p.m., Lec.; 7.30, News, Weather, Time Sig., Con., Lec., News, 7.45 p.m., English (Mon., Fri.); 10 p.m., Dance (Wed., Sat.).

**GRAZ (Radio Hekaphon)** (Relay from Vienna)—404 m. (500 w.). Own Con., 11.0, 5.0, 8 p.m.

## BELGIUM.

**BRUSSELS**—265 m. (1½ kw.).  
Daily: 5 p.m., Orch., Children (Wed. and Thu.), Dance (Tue. and Sat.); 6 p.m., News; 8 p.m., Lec., Con.; 10 p.m., News.  
**HAEREN (BAV)**—1,100 m. (250 w.).  
Weekdays: 1 p.m., 2 p.m., 4.50 and 6.50 p.m., Weather.

## CZECHO-SLOVAKIA.

**PRAGUE (Strassnice)**—570 m. (1 kw.).  
10 a.m., Stock Exch.; 11, Con. (Sun.); 11.30, Stock Exch. (weekdays); 5 p.m., Stock Exch., Con. (Wed., Sat.); 6 p.m., Stock Exch. (weekdays); 7.15, Con. or Lec., Weather, News, Children (Sat.); 8 p.m., Con. and Dance.

**BRUNN (OKB)**—1,800 m. (1 kw.).  
10 a.m., Con. (Sun.); 2 p.m., Stock Exch., News, etc. 7 p.m., Lec., Con., or Dance.

## DENMARK.

**COPENHAGEN (Kjobenhavns Radiofonistation)**—775 m. (1 kw.).  
7.35 p.m., Notices, Lec., Con.\* (Tue., Thu., Sat.); 9.30 p.m., Esperanto (Wed.).  
\* This Con. is also relayed by the Aalborg Ship Station on 445 m. Sunday: Copenhagen only.

**LYNGBY (OKE)**—2,400 m.  
Weekdays: 7.30 p.m., News, Stock Exch.; 9 p.m., and 10 p.m., News, Weather, Time Sig.  
Sundays: 4 p.m. and 9 p.m., News.

**RYVANG**—1,190 m. (1 kw.).  
8 p.m., Con., News (Tue., Wed., Thu., Fri.).

## ESTHONIA.

**REVAL**—350 m., Testing.

## FINLAND.

**HELSINGFORS (Helsingk)**—380 m. 5 p.m., tests.

## HOLLAND.

**AMSTERDAM (PCFF)**—2,125 m. (1 kw.).  
Daily: 8.35 a.m. to 4.50 p.m., News, Stock Exch. (exc. Mon., and Sat., when 10.50-11.50).

## B.B.C. STATION ADDRESSES.

Station	Address	Telephone No.
ABERDEEN	17, Belmont Street	2296
BELFAST	31, Lincenhall Street, Belfast	5870-1
BIRMINGHAM	105, New Street	209-10
BOURNEMOUTH	72, Holdenhurst Road	3460-1
CARDIFF	39, Park Place	2514-5
GLASGOW	21, Blythswood Square, Douglas	1192-4
LONDON	2, Savoy Hill, W.C.2	Regent 6727
MANCHESTER	Orme Buildings, The Parsonage City	9646-7
NEWCASTLE	24, Eldon Square	Central 5865
RELAY		
EDINBURGH	79, George Street	Central 9595
HULL	26-27, Bishop Lane	Central 6138
LIVERPOOL	85, Lord Street	Bank 5018
PLYMOUTH	Athenaeum Chambers, Athenaeum Lane	2283
SHEFFIELD	Messrs. Union Grinding Wheel, Corporation Street	Central 4629
LEEDS-BRADFORD	Cabinet Chambers, Basinghall Street, Leeds	28131
STOKE-ON-TRENT	Majestic Buildings, Stoke-on-Trent	Hanley 1970
NOTTINGHAM	4, Bridlesmith Gate, Nottingham	6944 and 6945
DUNDEE	1, Lochee Road	Dundee 5209
SWANSEA	Oxford Buildings, Oxford Street	Swansea 3107
Power	—“5XX”—25 KW; Main—1½ KW;	
Relay	—200 Watts.	

**AMSTERDAM (PA5)**—1,050 m., 8.20 p.m., Con. (Wed.).

**AMSTERDAM (PX9)**—1,070 m. (400 w.); 9.30 p.m., Con. (Mon.).

**HILVERSUM (HDO)**—1,000 m. (2½ kw.).  
12.20, News; 2.50 p.m., Con. (Sat., Sun.); 6.20 p.m., Children (Mon.); 8.20, Con. or Lec. (Wed., Fri.). Relay of Amsterdam Con. (Thu.), Opera or Con. (Sat.).

**BLOEMENDAAL**—345 m.  
10.20 a.m. and 5.20 p.m., Divine Service (Sun.).

## HUNGARY.

**BUDA-PESTH**—950 m. (2 kw.).  
7.45 a.m., Stock Exch., News, Tests (daily).

## ITALY.

**ROME (IRO)**—425 m. (2½ kw.).  
10.45 a.m., Sacred Con. (Sun.); 1 p.m., News (irr.); 4.45 p.m., Children, Stock Exch., News, Orch. (relayed from Hotel di Russia); 8.45 p.m., Con., News, Dance; 9.15 p.m., Esperanto (Mon.).

**MILAN**—Abt. 650 m. Testing shortly.

**MILAN (Radio Club Italiano) (IRC)**—320 m.; 9 p.m., Con. (irr.).

## NORWAY.

**OSLO**—380 m. (wave-length not definitely fixed) (500 w.).  
About 8.30 p.m., almost daily Tests.

## RUSSIA.

**MOSCOW**—  
**CENTRAL WIRELESS STATION**—1,450 m.  
Sundays: 1.45 p.m., Lec.; 4.30 p.m., News; 5.15 p.m., Con.  
Weekdays: 2 p.m., Markets; 4.30 p.m., News or Con.

**SOKOLNIKI STATION**—1,010 m.  
Sundays: 10 a.m., Lec.; 11, Radio Talk; 2.30 p.m., Lec.; 3.30 p.m., Con.; 6 p.m., Lec. and Con. (Tue., Thu., Fri.).

**TRADES' UNION COUNCIL STATION**—450 m., 6 p.m., Con. (Mon. and Wed.).

## SPAIN.

**MADRID (RD)**—392 m. (3 kw.).  
Sundays: 7 p.m., Time Sig., Con., Lec.  
Weekdays: 1.30 p.m., News, Con.; 7 p.m., *La Libertad* Con. (Tue., Thu., Sat.), "Radio Madrid" late Con. (Mon., Wed., Fri.), Time Sig., Lec.

**BARCELONA (Hotel Colon) (EAJI)**—325 m. (600 w.).  
6.30 p.m., Lec., Markets, Stock Exch., Con.

**BILBAO (Radio Vizcaya)**—350 m. (1 kw.).  
7 p.m., Con., News.

**SEVILLE (EAJI)**—350 m. (1 kw.).  
7.30 p.m., Con., News, Weather.

**VALENCIA**—Under construction.

## SWEDEN.

**STOCKHOLM (SASA)**—427 m. (500 w.).  
Sundays: 10 a.m., Sacred Service; 5 p.m., Children; 6 p.m., Sacred Service; 8 p.m., Con.; 9 p.m., News, Con.; 8.15, Weather.  
Weekdays: 12.30 p.m., Weather, Stock Exch., Time Sig. (12.55); 6 p.m., Lec.; 7 p.m., same as Sun.; (Dance, 10 p.m., Wed. and Sat.).

**\*GOTHENBURG (SASB)**—290 m. (500 w.).  
10 a.m., Sacred Con. (Sun.); from 4 p.m. onwards S.B. from Stockholm. Weekdays, 11.30-12, and from 6, S.B. from Stockholm.

**\*MALMOE (SASC)**—270 m. (500 w.).  
As Gothenburg.

**\*BODEN (SASE)**—1,250 m. (500 w.).  
As Gothenburg.

**\*SUNDSVAL (SASD)**—545 m. (500 w.).  
As Gothenburg.

**FALUN (SMZK)**—470 m. (250 w.).  
Thrice weekly: 7 p.m., S.B. from Stockholm.

**JOENKOEPIING (SMZD)**—265 m. (250 w.).

**NORRKOEPIING (SMV)**—260 m. (250 w.).

**KARLSTADT (SMXQ)**—370 m. (250 w.), and

**TROLLATTAN (SMXQ)**—345 m. (250 w.), as Falun;  
\* Local programmes are also broadcast at times.

## SWITZERLAND.

**ZURICH (Höngg)**—515 m. (500 w.).  
Weekdays: 12, Weather; 12.55, Time Sig., News, Markets, Weather, Stock Exch.; 4 p.m., Con. (not Sun.); 6.15 p.m., Children (Mon., Wed., Sat.); 7 p.m., Weather, News (exc. Sun.); 8.15 p.m., Lec., Con. (daily), Dance (Fri.); 9.45 p.m., News.

**LAUSANNE (HB2)**—850 m. (500 w.).  
Weekdays: 8.5 and 1.30, Weather, Markets, Time Sig., News; 5 p.m., Children (Wed., irr.); 6.55 p.m., Weather, News; 8 or 8.15, Lec. or Con. (daily).

**BASLE**—(500 w.). Under construction.

## PRINCIPAL AUSTRALIAN BROADCAST STATIONS.

**SYDNEY (2BL)**—350 m. and (2FC)—1,100 m. (5 kw.).

**PERTH (6WF)**—1,250 m.

**MELBOURNE (3LO)**—1,720 m.

**AFRICAN STATIONS.**

**CAPE TOWN (WAMG)**—375 m. (from 4.30 p.m.).

**JOHANNESBURG (JB)**—400 m. (from 4.30 p.m.).

**DURBAN**—450 m. (1½ kw.).

**GRAHAMSTOWN**—Under construction.

**BOUZAREAH (near Algiers)**—(2 kw.) (w. l. not fixed)—abt. 300-450 m.). Testing shortly.

## PRINCIPAL U.S.A. AND CANADIAN BROADCAST STATIONS.

**KGO**—312 m. Oakland, Cal.

**CNRA**—313 m. Moncton, New Brunswick.

**KDKA**—369 m. East Pittsburgh, Pa.

**WBZ**—333 m. Springfield, Mass.

**WMAFS**—360 m. Dartmouth, Mass.

**WGY**—380 m. Schenectady, N.Y.

**WJY**—405 m. New York City.

**WCOO**—417 m. (5 kw.). St. Paul and Minneapolis.

**CKAC**—425 m. Montreal, Ca.

**WJZ**—455 m., and **WEAF**—492 m., New York City.

# WIRELESS PROGRAMME—TUESDAY (May 5th.)

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

The High-Power (Chelmsford) Programme will be found on page 255.

## 2LO LONDON. 365 M.

- 1.0-2.0.—Time Signal from Greenwich. Music played during Luncheon at the Holborn Restaurant.
- 3.15-3.45.—Transmission to Schools: Miss Ethel Home: Elementary Music, "How to Compose Easy Tunes."
- 4.0.—"Books to Read," by Ann Spice. Organ and Orchestral Music, relayed from Shepherd's Bush Pavilion. "Let's Pretend with the Toddlers," by Muriel Wrinch.
- 5.0.—CHILDREN'S CORNER: "Simple Astronomy," by Capt. Ainslie. "The Pied Piper of Hamelin," told by A. J. Skinner.
- 5.30.—Lecture and Counter-Lecture, from the London School of Economics, in aid of King Edward's Hospital Memorial Fund.  
"Is Woman's Place in the Home?"  
Miss REBECCA WEST.  
Mr. ALFRED DUFF-COOPER,  
D.S.O., M.P.  
Chairman, Viscountess GLADSTONE.
- 6.30.—Children's Letters.
- 6.40.—Music.
- 7.0.—TIME SIGNAL FROM BIG BEN. WEATHER FORECAST and 1ST GENERAL NEWS BULLETIN. *S.B. to all Stations.*  
JAMES AGATE, Dramatic Criticism. *S.B. to all Stations.*
- 7.25.—Music. *S.B. to all Stations.*
- 7.40.—The Rev. F. KEELING SCOTT, Travel Talk: "Motoring in Holland." *S.B. to other Stations.*
- 8.0-10.0.—SYMPHONY CONCERT. (For particulars see centre column.)
- 10.0.—TIME SIGNAL FROM GREENWICH. WEATHER FORECAST and 2ND GENERAL NEWS BULLETIN. *S.B. to all Stations.*  
Prof. J. ARTHUR THOMSON, M.A., LL.D., "Scenes from the Drama of Animal Life." *S.B. from Aberdeen.*  
Local News.
- 10.30-11.0.—Symphony Concert (Continued).
- 11.0.—THE SAVOY ORPHEANS and SAVOY HAVANA BANDS, relayed from the Savoy Hotel, London. *S.B. to all Stations.*
- 12.0.—Close down.

## 5IT BIRMINGHAM. 475 M.

- 3.30-4.0.—School Transmission: Joseph Lewis (Musical Director), "Musical Appreciation."
- 4.0-4.30.—Lozells Picture House Orchestra.
- 4.45-5.15.—WOMEN'S CORNER: Mr. F. Booth (of the Juvenile Employment Department, Birmingham Education Committee), "Trades for Boys and Girls—(3) Trades Requiring Artistic Tendencies."
- 5.15-5.55.—CHILDREN'S CORNER.
- 5.55-6.0.—Children's Letters.
- 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*  
JAMES AGATE. *S.B. from London.*
- 7.25.—Music. *S.B. from London.*
- 7.40.—The Rev. F. KEELING SCOTT. *S.B. from London.*
- 8.0-10.10.—Programme *S.B. from London.*
- 10.10.—Prof. J. ARTHUR THOMSON. *S.B. from Aberdeen.* Local News.
- 10.30-12.0.—Programme *S.B. from London.*

## 6BM BOURNEMOUTH. 386 M.

- 3.45-5.0.—Fashion Talk to Women by Madame Renée Durant. THE ROYAL BATH HOTEL DANCE ORCHESTRA, relayed from the King's Hall Rooms. Musical Director, DAVID S. LIFF. Gladys Holland (Soprano). Harry Oldfield (Bari-tone).

## ALL STATIONS PROGRAMME,

(except "5XX").  
Relayed from London.  
SYMPHONY CONCERT.

BEATRICE HARRISON  
(Solo Violoncello).

THE WIRELESS SYMPHONY ORCHESTRA:

Conducted by DAN GODFREY, Junr.  
8.0-10.0.

8.0. The Orchestra.  
Brandenburg Concerto, No. 2...Bach  
S. KNEALE KELLEY

(Solo Violin).

FRANK ALMGILL

(Solo Flute).

JOHN FIELD

(Solo Oboe).

ERNEST HALL

(Solo Trumpet).

8.20.—Rhapsody No. 2 (first performance in London) ... E. J. Moeran (16)

8.30 (approx.)—"From My Window," by PHILEMON.

8.35. Beatrice Harrison and Orchestra.

Concerto for Violoncello and Orchestra ..... Dvorak (41)

9.10. The Orchestra.  
Symphony in D Minor

Cesar Franck

10.30-11.0.

The Orchestra.

Suite from the Ballet, "Le Pavillon d'Armide" ..... Tcherepnin

- 5.0-5.30.—CHILDREN'S CORNER.
- 5.30-5.45.—Children's Letters.
- 6.0-6.30.—Scholars' Half-Hour: "Baxter Prints," by R. Quick, F.S.A.
- 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*  
JAMES AGATE. *S.B. from London.*
- 7.25.—Music. *S.B. from London.*
- 7.40.—Mr. H. P. YOUNG: Farmers' Talk, "Bees—Swarming."
- 8.0-10.10.—Programme *S.B. from London.*
- 10.10.—Prof. J. ARTHUR THOMSON. *S.B. from Aberdeen.*  
Local News.
- 10.30-12.0.—Programme *S.B. from London.*

## 5WA CARDIFF. 351 M.

- 3.0-3.30.—Transmission to Schools: "The Magic Crystal," by Mr. Guy Pocock. "Caxton and His Press" (In the time of Edward IV.).
- 3.30-4.0.—The Station Trio.
- 4.0-4.45.—The Carlton Orchestra, relayed from the Carlton Restaurant.
- 5.0-5.30.—"5WA'S" "FIVE O'CLOCKS."
- 5.30-6.5.—CHILDREN'S CORNER.
- 6.5-8.10.—Children's Letter Box.
- 6.15-6.30.—"Teens' Corner: Story for Girls."
- 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*  
JAMES AGATE. *S.B. from London.*
- 7.25.—Music. *S.B. from London.*
- 7.40.—Dr. W. TUDOR JONES, M.A., Ph.D., "Four Great English Thinkers—(1) Professor James Ward, of Cambridge."
- 8.0-10.10.—Programme *S.B. from London.*
- 10.10.—Prof. J. ARTHUR THOMSON. *S.B. from Aberdeen.*  
Local News.
- 10.30-12.0.—Programme *S.B. from London.*

## 2ZY MANCHESTER. 374 M.

- 1.15-2.0.—Midday Concert, relayed from Houldsworth Hall. Bella Redford (Mezzo-Soprano). Willoughby Walmisley (Solo Pianoforte).
- 3.30-4.0.—Broadcast for Schools: Mr. E. Sims Hilditch, "Musical Appreciation."

4.0-5.15.—Dance Music, relayed from the State Café. Herbert Ruddock (Bass). Talk to Women.

- 5.30-5.45.—Children's Letters.
- 5.45-6.30.—CHILDREN'S CORNER.
- 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*  
JAMES AGATE. *S.B. from London.*
- 7.25.—Music. *S.B. from London.*
- 7.40.—Local Radio Society Talk.
- 8.0-10.10.—Programme *S.B. from London.*
- 10.10.—Prof. J. ARTHUR THOMSON. *S.B. from Aberdeen.*  
Local News.
- 10.30-12.0.—Programme *S.B. from London.*

## 5NO NEWCASTLE. 400 M.

- 11.30-12.30.—Maud Green (Soprano). Charles Nairn (Trombone).
- 3.45-5.15.—Isabel Smallwood (Contralto). The Station Septet. Conductor, Edward Clark. London Paper: "Maurice Maeterlinck," by Mde. de Walmont.
- 5.15-5.55.—CHILDREN'S CORNER.
- 5.55-6.0.—Children's Letters.
- 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*  
JAMES AGATE. *S.B. from London.*
- 7.25.—Music. *S.B. from London.*
- 7.40.—Mr. A. J. STOREY, Secretary, the National Institute for the Deaf.
- 8.0-10.10.—Programme *S.B. from London.*
- 10.10.—Prof. J. ARTHUR THOMSON. *S.B. from Aberdeen.*  
Local News.
- 10.30-12.0.—Programme *S.B. from London.*

## 2BD ABERDEEN. 495 M.

- 3.30-5.0.—Concert. The Wireless Orchestra. Marjory Lorimer (Mezzo-Soprano). Feminine Topics.
- 5.15-6.0.—CHILDREN'S CORNER: "The Adventures of the Arkansaw Bear—(3) Horatio Steals the Honey." Music by the Wireless Quartet.
- 6.0-6.30.—Madame Lefevre, French Talk.
- 6.30-7.0.—Steadman's Symphony Orchestra, relayed from the Electric Theatre.
- 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*  
JAMES AGATE. *S.B. from London.*
- 7.25.—Music. *S.B. from London.*
- 7.40.—The Rev. WALTER A. MURSELL, M.A., D.D., Literary Talk, "Plagiarism."
- 8.0-10.10.—Programme *S.B. from London.*
- 10.10.—Prof. J. ARTHUR THOMSON, M.A., LL.D., "Scenes from the Drama of Animal Life." *S.B. to all Stations.*  
Local News.
- 10.30-12.0.—Programme *S.B. from London.*

## 7SC GLASGOW. 420 M.

- 3.30-4.30.—Freeman's Dance Orchestra, relayed from the Plaza Palais de Danse.
- 4.45-5.15.—WOMEN'S HALF-HOUR. Spence Malcolm (Solo Violin). Mrs. Alcock, "Schemes for the Training of Domestic Servants."
- 5.15-6.0.—CHILDREN'S CORNER.
- 6.0-6.5.—Weather Forecast for Farmers.
- 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*  
JAMES AGATE. *S.B. from London.*
- 7.25.—Music. *S.B. from London.*
- 7.40.—Mr. ARTHUR STRACHAN, "Tiger Shooting."
- 8.0-10.10.—Programme *S.B. from London.*
- 10.10.—Prof. J. ARTHUR THOMSON. *S.B. from Aberdeen.*  
Local News.
- 10.30-12.0.—Programme *S.B. from London.*

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 251.

# WIRELESS PROGRAMME—WEDNESDAY (May 6th.)

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

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

## 2LO LONDON. 365 M.

3.15-3.45.—Transmission to Schools. Mr. G. N. Pingriff, M.A., B.Sc., "Our Earth and its Neighbours—The Moon."

4.0-5.0.—Time Signal from Greenwich. Concert: The "2LO" Trio and Mabel Wilder (Contralto).—"My Part of the Country," by A. Bonnet Laird. "A Woman of Carthage," by Helen Townroe.

5.0-6.0.—An Hour's Dance Music.

6.0-6.30.—CHILDREN'S CORNER: "Prince Darling," from "Curly Heads and Long Legs," told by Auntie Ivette. Music by Uncle Jeff. "More About Bees," by Catherine Wiens. "A Story by Auntie Yvette."

6.30.—Children's Letters.

6.40.—Light Music.

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

Principal C. GRANT ROBERTSON, C.V.O., M.A., "Makers of the Empire—Chatham." *S.B. from Birmingham.*

7.25.—Light Music. *S.B. to all Stations except Belfast.*

7.40.—Mr. RICHARD NORTHCOTT, "Donizetti's Musical Box." *S.B. to other Stations.*

"Old Times."

A Programme of MUSIC HALL SONGS OF YEARS GONE BY.

Scene: An Old Music Hall.

Chairman, CHARLES COBORN.

THE WIRELESS ORCHESTRA.

Conducted by DAN GODFREY, Junr., is in attendance.

8.0.—The Orchestra.

Selection of Ballads of Long Ago

arr. Chignell

PADDY BOSTON,

Veteran Comedian and Clog Dancer.

RAY WALLACE

in Impressions of

Vesta Victoria, Kate Carney, Ada Reeve, Victoria Monks, Connie Ediss, Cliff Ryland, Minnie Cunningham, Gertie Gitana, Harry Champion, Marie Lloyd, Vesta Tilley, and the late J. W. Rowley, the celebrated Yorkshire Comedian, in his popular song, "A Starry Night and a Beautiful Girl."

FRANK WOOD

in Impressions of

R. S. Knowles, "Benches in the Park," Gus Elen, "A Nice Quiet Day," George Bastow, "Varmer Giles," Harry Randall, "You Have to Have 'Em," George Beauchamp, "Dear Little Dicky Bird."

Eugene Stratton, "The Octoroon."

Mark Sheridan, "Do a Lot of Things at the Seaside."

Charles Godfrey, "The Golden Wedding."

9.0.—Half-an-Hour of the

OLD "STARS OF VARIETY."

Tom Costello. Marie Collins.

Maggie Rimmer. T. W. Barrett.

Arthur Albert. Florrie Robina.

Johnny Dwyer. Harry Wedburn.

9.30.—The Orchestra.

Selection of Old Music Hall Songs

arr. Chignell

CHARLES COBORN,

The Veteran Walking Comedian,

in

Some of His Old Favourites,

including

"The Man Who Broke the Bank at Monte Carlo."

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

Prof. R. PEERS, M.A., "Wealth and Wellbeing." *S.B. from Nottingham.*

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

Local News.

In Commemoration of the Coronation of

His Majesty the King.

*S.B. to other Stations.*

10.40. THE WIRELESS ORCHESTRA AND CHORUS.

Conducted by PERCY PITT.

Coronation Anthem ..... *Handel*

11.0.—Close down.

## 5IT BIRMINGHAM. 475 M.

3.30-4.30.—The Station Pianoforte Quintet.

4.45-5.15.—WOMEN'S CORNER: Louise Thibault, Physical Culture Talk No. 5. Edith Freeman (Contralto).

5.15-5.55.—CHILDREN'S CORNER.

5.55-6.0.—Children's Letters.

7.0.—WEATHER FORECAST and NEWS.

*S.B. from London.*

Principal C. GRANT ROBERTSON, C.V.O., M.A., "Makers of the Empire—Chatham." *S.B. to all Stations.*

7.25-8.0.—Programme *S.B. from London.*

A Mozart Programme.

THE STATION AUGMENTED

ORCHESTRA.

Conducted by JOSEPH LEWIS.

8.0.—Overture, "Figaro."

Symphony, No. 40 in G Minor.

Selections from the Opera,

"THE MAGIC FLUTE."

Cast:

Sarastro ..... JAMES HOWELL

Pamina ..... EMILY BROUGHTON

Tamino ..... GEOFFREY DAMS

Papageno ..... HAROLD CASEY

Papagena ..... GLADYS WHITEHILL

Monostatos ..... HAROLD HOWES

Three Genie { ..... GLADYS WHITEHILL

..... MABEL SENIOR

..... WINIFRED MORRIS

10.0.—WEATHER FORECAST and NEWS.

*S.B. from London.*

Prof. R. PEERS. *S.B. from Nottingham.*

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

Local News.

10.40-11.0.—Programme *S.B. from London.*

## 6BM BOURNEMOUTH. 386 M.

3.0-3.30.—Service for the Sick. The Rev. Father Percival Triggs, S. J. Gladys James (Contralto).

3.45-5.0.—Talk to Women: "Restaurant Humour," by Nancy Miskin. The Wireless Orchestra: Conducted by Capt. W. A. Featherstone.

5.0-5.30.—CHILDREN'S CORNER: Uncle Jack's Fairy League Talk.

5.30-5.45.—Children's Letters.

6.0-6.30.—Scholars' Half-Hour: "Basket Work," by H. Cooper.

6.30-6.55.—Music.

7.0.—WEATHER FORECAST and NEWS.

*S.B. from London.*

Principal C. GRANT ROBERTSON. *S.B. from Birmingham.*

7.25.—Music. *S.B. from London.*

7.40.—Station Director's Talk.

8.0-8.15.—Interval.

CHAPPELL

and

WEBER

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

## Winter Gardens Night.

THE MUNICIPAL ORCHESTRA:

Conductor—Sir DAN GODFREY.

STELLA MURRAY (Contralto).

MIDDLETON WOODS (Entertainer).

8.15. Orchestra.

Hungarian Dance, No. 1 ..... *Brahms*

Overture, "Morning, Noon and Night" ..... *Suppe*

Valse, "Cherry Ripe" ..... *Cussani (34)*

Stella Murray.

"When All Was Young" ..... *Gounod (15)*

Orchestra.

"March of the Mountain Gnomes" ..... *Eilenberg (34)*

Selection, "No, No, Nanette" ..... *Youmans (15)*

Middleton Woods.

In Selections from his Repertoire.

Interval.

Orchestra.

Musical Representation, "Three Famous Pictures" ..... *Haydn Wood (34)*

"The Village Wedding"; "The Doctor";

"The Laughing Cavalier."

Pizzicato, "Sérénade des Mandolines" ..... *Desormes (38)*

Stella Murray.

"The Arrow and the Song" ..... *Balfé*

Orchestra.

Selection of Sir Henry Bishop's Songs,

including "Lo, Here the Gentle Lark" ..... *(34)*

10.0.—WEATHER FORECAST and NEWS.

*S.B. from London.*

Prof. R. PEERS. *S.B. from Nottingham.*

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

Local News.

10.40-11.0.—Programme *S.B. from London.*

## 5WA CARDIFF. 351 M.

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

4.0-5.0.—Concert of Gramophone Records

5.0-5.30.—"5WA'S" "FIVE O'CLOCKS."

5.30-6.10.—CHILDREN'S CORNER.

6.10-6.15.—Children's Letters.

6.15-6.30.—"Teens' Corner: "Pets," by Mrs. Ruth Brown.

7.0.—WEATHER FORECAST and NEWS.

*S.B. from London.*

Principal C. GRANT ROBERTSON. *S.B. from Birmingham.*

7.25-7.55.—Programme *S.B. from London.*

A Welsh Hour.

BESSIE EVANS-RHYS (Soprano).

HARRY LEWIS (Tenor).

MAIR JONES (Elocutionist).

THE STATION ORCHESTRA.

7.55. Orchestra.

"The Ramblers" ..... *W. T. David*

(Conducted by the Composer.)

Bessie Evans-Rhys.

"Nature's Enchantments" ..... *W. T. David*

("Goronwy") ..... *W. T. David*

"Swyn y Wlad" ..... *W. T. David*

Mr. ERNEST HUGHES, M.A., University College, Swansea, "Welsh History."

Harry Lewis.

"Galwad Y Tywysog" ..... *Henry*

"Hiraeth" ..... *Jenkins*

Selections from "Telynegion Men" ..... *Eifion Wyn*

Bessie Evans-Rhys.

"Llam Y Cariadau" ..... *R. S. Hughes*

"Ysbryd Y Mynydd" ..... *D. Vaughan Thomas*

Harry Lewis.

"Saf I Fyny droa dy wlad" ..... *W. T. David*

HEN WLAD FY NHADAU.

EDWARD ISAACS (Solo Pianoforte).

THE STATION ORCHESTRA.

8.55. Edward Isaacs.

Humoreske ..... *Tchaikovsky*

Chant Polonaise, No. 5 ..... *Chopin-Liszt*

Seguidillas ..... *Albeniz*

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 151.

### Wednesday's Programme.

(Continued from the facing page.)

9.0. Orchestra.  
"Brayères" (Prelude No. 5) Debussy (38)  
9.15. THE LONDON RADIO REPERTORY PLAYERS

in  
**"THE LITTLE QUAKER."**

Written for Broadcasting by  
EDGAR WALLACE

(the Famous Story Writer and Novelist).  
First Officer ..... HENRY OSCAR  
Captain ..... GEORGE SKILLAN  
Second Officer ..... TURVER PENNA  
Pilot ..... ASHTON PEARSE  
Voice of the Quaker Girl

PHYLLIS PANTING

Scene: Off the Cornish Coast on the bridge  
of an Atlantic Liner.

Directed by  
R. E. JEFFREY.

9.40. Edward Isaacs.  
Nocturne in D Flat (Op. 27, No. 2) } Chopin  
Waltz in A Flat (Op. 34, No. 1).... }

9.50. Orchestra.  
Suite, "As You Like It" ..... Quilter (9)

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

Prof. R. PEERS. S.B. from Nottingham.  
Royal Horticultural Society Talk. S.B.  
from London.

Local News.  
10.40-11.0.—Programme S.B. from London.

**2ZY MANCHESTER. 374 M.**

3.30-4.0.—Broadcast for Schools: (3.30) Father  
Bernard Butler, S.J., Nature Talk.  
(3.45) Miss Reynolds, "Mythology."

4.0-5.15.—Concert by the "2ZY" Quartet,  
Molly Haigh (Solo Pianoforte), Lily  
Jowett (Soprano). Talk to Women.

5.30-5.45.—Children's Letters.  
5.45-6.30.—CHILDREN'S CORNER.

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

Principal C. GRANT ROBERTSON. S.B.  
from Birmingham.

7.25.—Music. S.B. from London.

7.40.—Prof. C. H. REILLY, of Liverpool Uni-  
versity: "Architecture" (III).

**Musical Comedy—Light Opera—Humour.**

SYBIL GORDON (Mezzo-Soprano).

LANCELOT QUINN (Baritone).

JUPITER MARS (Humorist).

THE "2ZY" ORCHESTRA.

8.0. Orchestra.  
Selection, "The Street Singer"

Fraser-Simson (3)

Sybil Gordon, Lancelot Quinn and Orchestra  
Selection, "The Beggar's Opera"

Austin (9)

8.30 (approx.) Sybil Gordon and Orchestra.  
Selection, "A Greek Slave"

Sidney Jones (3)

8.50 (approx.) Jupiter Mars will  
Entertain.

9.5 (approx.) Lancelot Quinn.

"My Heart Was  
So Free" .....  
"If the Heart of  
a Man" .....  
"Man May Es-  
cape from  
Rope and  
Gun" .....

"The Beggar's  
Opera" } Austin  
(9)

Sybil Gordon and Orchestra.

Selection, "Florodora" ..... Leslie Stuart (34)

9.27 (approx.) Jupiter Mars.  
Sybil Gordon, Lancelot Quinn and Orchestra.

Selection, "The Duchess of Dantzic"

Caryll (15)

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

Prof. R. PEERS. S.B. from Nottingham.  
Royal Horticultural Society Talk.

Local News.  
10.40-11.0.—Programme S.B. from London.

**5NO NEWCASTLE. 400 M.**

3.45-4.45.—Band relayed from Fenwick's Ter-  
race Tea Room.  
4.45-5.15.—London Paper: "Romances of the  
Stage—Dorothy Jordan," by Miss Violet  
M. Methley.

(Continued in the next column.)

## HIGH-POWER PROGRAMME.

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

**5XX 1,600 M.**

**SUNDAY, May 3rd.**

10.15-12.0.—MILITARY SUNDAY SERVICE,  
relayed from York Minster.

4.0-6.0.—ORGAN RECITAL. S.B. from London.  
6.0-8.30.—CHILDREN'S CORNER. S.B. from  
Glasgow.

8.30-10.45.—Programme S.B. from London.

**MONDAY, May 4th.**

6.0-11.0.—Programme S.B. from London.

**TUESDAY, May 5th.**

6.0-8.30.—Programme S.B. from London.  
8.30-9.0.—The FACULTY OF ARTS' COM-  
POSERS' CONCERT, relayed from  
Grosvenor House.

9.0-9.30.—Speech by the PRIME MINISTER  
at the Newspaper Society's Dinner, re-  
layed from the Hotel Victoria, London.

9.30-10.0.—"All Arts Week" Concert (Con-  
tinued).

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

Prof. J. ARTHUR THOMSON. S.B. from  
Aberdeen.

10.30-12.0.—Programme S.B. from London.

**WEDNESDAY, May 6th.**

6.0-11.0.—Programme S.B. from London.

**THURSDAY, May 7th.**

6.0-8.0.—Programme S.B. from London.

**Light Orchestral Programme.**

NANCY ROYLE (Soprano).

OSMOND DAVIS (Tenor).

EDWARD DYKES (Bass).

BARNEY O'REILLY (Entertainer).

THE WIRELESS ORCHESTRA:

Conducted by DAN GODFREY, Junr.

8.0. The Orchestra.  
March, "The Lincolnshire Poacher"

Traditional (34)

Overture, "The Maid of Artois" Balfé (34)

Waltz, "Mirror" ..... Martell (56)

(Continued from the previous column.)

5.15-5.55.—CHILDREN'S CORNER: Songs  
at the Piano by Doris Grover.

5.55-6.0.—Children's Letters.

6.0-6.20.—Scholars' Half-Hour. Mr. A. W.  
Dakers, B.A., "The Landing of the  
Arabs in Spain."

6.40.—Farmers' Corner: Mr. R. W. Wheldon,  
"Pig Feeding."

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

Principal C. GRANT ROBERTSON. S.B.  
from Birmingham.

7.25-8.0.—Programme S.B. from London.

**Old Italian.**

ALICE RICHARDSON (Soprano).

THE STATION ORCHESTRA:

Conductor, EDWARD CLARK.

8.0. Orchestra.  
Airs and Dances orchestrated by Respighi

(56)

8.15. Alice Richardson.  
"The Lament of Arianna" } Monteverde

"Lasciatemi Morire" ..... }  
Villanella, "Bella Fanciulla" ..... Falconieri

Aria, "Dispiegati, Guancie Amate" } Caccini

8.25. Orchestra.  
Sinfonia from the Oratorio, "Sant' Elena

al Calvario" ..... Leonardo Leo

8.35. Alice Richardson.  
Canzonet, "O Cessate di Piagarmi"

Scarlatti

"Amor Dormiglione" ..... Strozzi

8.45. Orchestra.  
Dances by Cimarosa orchestrated by

Francesco Malipiero.  
DORIS GROVER (Songs at the Piano).

9.0. TILLEY'S DANCE ORCHESTRA.

9.15. Doris Grover.  
Musical Parodies ..... Herbert Hughes (9)

"Sing a Song of Sixpence"; "There was  
a Crooked Man"; "Simple Simon";  
"Doctor Foster"; "Curlylocks"; "This  
Little Pig Went to Market."

Osmond Davis.

"Far Across the Desert" } A. Woodforde-  
Sands" ..... } Finden (9)

"Where the Abana Flows" }  
8.30 (approx.) Nancy Royle.

"The Fortune Hunter" Chas. Willeby (9)

"Oh, No, John" ... arr. Cecil Sharp (46)

Edward Dykes.  
"The Song of the Waggoner"

Breville Smith (15)

"The Drum Major" ... Ernest Newton (15)

The Orchestra.  
Selection, "Rose Marie" ..... Friml (15)

9.0 (approx.)—Intermezzo, "Sizilietta"

Von Blon (34)

Gipsy Suite ..... Edvard German (46)

Osmond Davis.  
"The Banks of Allan Water"

arr. Martin Shaw (17)

"Loughareema" ... Hubert Eisdell (17)

Nancy Royle.  
"If I Might Love You" Landon Ronald (20)

9.30 (approx.)—"Rosebud"

Frederick Drummond (40)

Barney O'Reilly in  
Irish Songs and Stories.

Edward Dykes.  
"The Stockrider's Song" ... James (56)

"The Friar of Orders Gray" ... Reeve (17)

The Orchestra.  
Marching Song ..... Holst (46)

10.0-11.30.—Programme S.B. from London.

**FRIDAY, May 8th.**

6.0-9.0.—Programme S.B. from London.

9.0-10.0.—The FACULTY OF ARTS' INTER-  
NATIONAL CONCERT, relayed from  
Grosvenor House.

10.0-11.0.—Programme S.B. from London.

**SATURDAY, May 9th.**

6.0-8.0.—Programme S.B. from London.

8.0-10.0.—"OLD MASTERS" CONCERT.  
S.B. from Manchester.

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

9.25. Dance Orchestra.  
9.40. Doris Grover.

"The Evening Prayer" ... Moussorgsky (5)

"Fairy Song" ..... Gretchaninov

"The Scornful Maid" ..... Granados

"The Sleeping Beauty" ... Borodin (16)

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

Prof. R. PEERS. S.B. from Nottingham.  
Royal Horticultural Society Talk.

Local News.  
10.40-11.0.—Programme S.B. from London.

**2BD ABERDEEN. 495 M.**

11.0-12.0.—Special Morning Transmission:  
Gramophone Music.

3.30-5.0.—John E. Green (Entertainer).  
Steadman's Symphony Orchestra, relayed  
from the Electric Theatre. Feminine  
Topics.

5.30-6.0.—CHILDREN'S CORNER: D.  
Downie, B.Sc., "Woodland Fairies."

6.0-6.30.—Mrs. Donald: Stenographer's Half-  
Hour.

6.30-7.0.—Music.

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

Principal C. GRANT ROBERTSON. S.B.  
from Birmingham.

7.25.—Music. S.B. from London.

7.40.—Mr. G. LESLIE MILLER: "Art."

8.0-10.0.—POPULAR ORCHESTRAL PRO-  
GRAMME. S.B. from Glasgow.

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

Prof. R. PEERS. S.B. from Nottingham.  
Local News.

10.40-11.0.—Programme S.B. from London.

(Continued in column 2, page 279.)

A number against a musical item indicates the name  
of its publisher. A key list of publishers will be found on  
page 251.

## Pieces in the Programmes.

A Weekly Feature Conducted by Percy A. Scholes.

### SCHUBERT'S FIRST PIANO TRIO.

(BIRMINGHAM, SUNDAY EVENING.)

SCHUMANN once, with characteristic enthusiasm, wrote of this Trio by Schubert: "One glance at it, and this poor world of ours appears fresh and bright."

It is the first of Schubert's two Piano Trios (which were written in close succession), and it is, perhaps, the better one; it is certainly the more popular. It is in four separate Movements.

(A "Piano Trio" is, of course, a work for Piano, Violin and 'Cello. There must be few people who have never heard music for this instrumental ensemble, if only in restaurant or cinema theatre; and this Trio of Schubert's is one of the loveliest ever written.)

#### I.

*Moderately quick.*—Schubert sets out at once with a splendid, exulting tune, played by VIOLIN and 'CELLO in octaves. It is really superfluous to say, notice this FIRST MAIN TUNE—it is one of those things that one cannot get away from. Presently PIANO takes up the Tune, accompanied by a soft, repeated chord in the Violin, and a few low plucked notes in the 'Cello. Then all three get very busy with fragments of it.

After a while, the music quiets down, 'CELLO pauses on a high note, then, starting with that note, begins the SECOND MAIN TUNE. It is as clear and expressive as the First, but much more tender. VIOLIN joins in at the second phrase, then PIANO takes up the Tune.

A Third Tune is used to round off this Section; then a long "Development" Section follows, in which the two Main Tunes are beautifully varied and combined. Finally, the first Section is repeated with only slight alterations.

#### II.

*At a steady pace.*—It is noticeable in this Movement that the 'Cello is almost continually playing in its highly poetic upper range. At the beginning, to a Piano accompaniment, 'CELLO gives out an expressive, sustained Tune, very Schubertian in style and feeling.

Presently the Violin quietly joins the 'Cello in this Tune, and soon all three instruments are discussing it.

A contrasting middle section of the piece is more florid and broken in style.

Then the opening Tune unassumingly returns—very beautifully modified.

#### III. SCHERZO.

*Fast.*—The Italian word "scherzo" means a joke, but it is here, as frequently, used as the title of a piece which is, in general, very lively and full of good spirits.

The plan of a Scherzo is generally that of the Minuet and Trio, and this one is no exception. There is, first, the SCHERZO proper, in which—(a) a short Tune is given out, and repeated; (b) the Tune is developed, and repeated, somewhat altered and extended towards the end; (c) is a repetition of the whole of (b).

A TRIO follows, exactly the same in design as the Scherzo proper. But the material of this one is in great contrast to that of the Scherzo, the Tune being a simple, sustained melody. (The reason is obscure why this part of such a Movement is called a "Trio." The title is nowadays used arbitrarily.)

After the Trio, the Scherzo proper is repeated, without repetition of its two sections.

#### IV. RONDO.

*Quick and Lively.*—A "Rondo" is a piece in which one Tune is repeated two, three, or more times, alternated with other tunes.

This Rondo is a long Movement, and is, in

reality, rather complicated. But in effect it is very light and frivolous. The Main Tune is a gay one, started by VIOLIN in its higher range, and carried on by the PIANO, the 'Cello merely murmuring occasional assent. But though this is the Main Tune, which continually returns, the greater part of the Movement is made out of a second Tune which appears very early. This Tune has two distinct sections—a rather pompous, emphatic phrase, played by all three instruments, and a more irresponsible phrase in a jerky dance rhythm, played first by Violin.

To attempt to follow the course of this Rondo in detail would almost certainly destroy all enjoyment of it. But these two Tunes are always careful to draw attention to themselves.

### BACH'S SECOND BRANDENBURG CONCERTO.

(ALL STATIONS, EXCEPT CHELMSFORD, TUESDAY.)

This is typical Bach—the kind of music that, given a few preliminary conceptions on the hearer's part, explains itself. Each Movement is a non-stop run, with an irresistible drive, and uses a very little material which is constantly repeated in ever-changing aspects.

A Bach Concerto is not a Concerto in the usual (and later) sense of the word. There is no one solo instrument, combined with, or accompanied by the normal orchestra. In this Concerto there is a group of such instruments, Trumpet, Flute, Oboe, and Solo Violin, allied or contrasted with one another, and with a general body of Strings, plus (according to the score, which is, unfortunately, not always observed) a keyboard instrument.

There are three separate Movements in this Concerto.

#### I.

*Fast.*—Leading idea (or Main Tune) given out at once by Flute, Oboe and Violins, immediately followed by the only other theme, a soft one for Solo Violin, very lightly accompanied.

The rhythm of the piece is pursued unbroken throughout, but these two themes used in alternation give an effect of contrast.

#### II.

*At a steady pace.*—This is scored for Flute, Oboe, Solo Violin, two 'Cellos (and Keyboard). At the beginning these instruments enter in this order—'Cellos (and Keyboard), Violin, Oboe, Flute.

#### III.

*Very fast.*—The TRUMPET begins with a florid tune (accompanied by 'Cellos and Keyboard). Then, at a little distance, OBOE enters with the same tune, then VIOLIN, and then FLUTE—one after another, like a bit of a Fugue.

It is quite a long time before the general body of Strings enters, and after that they sometimes drop out again for long periods. This is a brilliant little Movement.

### SIBELIUS'S "FINLANDIA."

(GLASGOW, ABERDEEN, DUNDEE AND EDINBURGH, WEDNESDAY.)

JEAN SIBELIUS was born in 1865, and is foremost among Scandinavian composers. He is specially known in this country by his *Valse Triste* and *Finlandia*, than which there is little better known contemporary music. *Finlandia* expresses the rugged Finnish nature so powerfully that its performance was forbidden in Russia when, some years ago, the two countries were at enmity. It should be noted that the hymn-like tune in *Finlandia* which is often taken for a folk-song, is, in fact, the composer's own.

N.B.—Dvorák's Concerto for 'Cello and Orchestra was described in the issue for March 13th. This work will be given in the All Stations' Programme on Tuesday.

## Listeners' Letters.

All letters to the Editor must bear the name and address of the sender. Anonymous contributions will not be considered. The Editorial address is 8-11, Southampton Street, Strand; London, W.C.2.]

### Wireless for Hospitals.

DEAR SIR,—I was delighted to read of the magnificent sum raised by Belfast for installing sets in almost every hospital and charitable institution in the city. Personal *kudos* has neither part nor lot in this matter. The one and only thing is to relieve suffering and expedite convalescence.

I am anxious to make a complete list of hospitals equipped with wireless and the sums raised for this purpose in each city, town, or village. I shall, therefore, be grateful for any information on the matter, which may be forwarded to me at my home address: 2, Brunswick Place, Hove, Brighton.

Yours, etc.,

KEBLE HOWARD.

### A World Wireless Language.

DEAR SIR,—Your contributor, Mr. de Poynton, seems to infer that all the attempts made in recent years to provide an artificial tongue for international use are failures. This calls for protest from all persons who have used Esperanto and found it anything but a failure.

If Latin was a success in the past, as a means of communication between educated people, surely Esperanto, which practically is simplified, modernized Latin, and pronounced exactly the same by all nations, is just what is needed by the "man-in-the-street," who has neither time nor means for the study of modern languages.

The very fact that residence in a foreign country is not necessary for its acquirement seems to me to be a strong point in favour of an artificial language.

Yours, etc.,

Windsor.

N. E. P.

### Will It Be English?

DEAR SIR,—As one who is interested in the subject of a world language and its relation to wireless, I was very glad to see this question raised in your paper. This is an important matter and it is a wonder that it has not received more attention by the B.B.C.

I should answer the writer's question, "Will it be English?" negatively. First of all, has the writer any knowledge at all of even one of the "many artificial languages," except that he has heard of them? If he has studied Esperanto, I cannot understand how he can write that "an artificial language can never really be alive."

The American Radio Relay League, the largest amateur society in the world, after an inquiry lasting over two years, came to the conclusion that Esperanto at least is a living language, and has recommended its members to learn it for radio purposes. Other important bodies which recommend Esperanto for universal use are the British Association for the Advancement of Science and the League of Nations.

If any proof is needed that the writer is making a large assumption in supposing that the other nations of the world will consent to the adoption of English, surely it is to be found in these facts.

Yours, etc.,

Bournemouth.

H. S.

### Learning Languages By Radio.

DEAR SIR,—A lecture in German was recently broadcast from Birmingham. Will you allow me to ask that, if further lectures are to be given, in German, they be relayed from London? There must be many thousands of listeners who are students of this language, and in view of the difficulty in obtaining a native teacher, I am sure many would be very appreciative.

Yours, etc.,

London, S.E.

G. R.

(Continued on the facing page.)



# WIRELESS PROGRAMME—THURSDAY (May 7th.)

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

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

Miss ROSALINE MASSON. *S.B. from Edinburgh.*  
Local News.

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

11.30.—Close down.

## 2ZY MANCHESTER. 374 M.

4.30-5.30.—Dance Music, relayed from the State Café: Conductor, Merrion Dertel. William Stark (Tenor). Agnes Haynes (Entertainer). Talk to Women.

5.30-5.45.—Children's Letters.

5.45-6.30.—CHILDREN'S CORNER.

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

Market Prices for Farmers. *S.B. from London.*

7.15.—FRENCH RECITAL. *S.B. from London.*

7.30.—Cheshire County Council's Agricultural Bulletin.

7.40.—Mr. W. F. BLETCHER, Examiner in Spanish to the U.L.C.I., Spanish Talk.

### Band Night.

THE MANCHESTER CITY POLICE BAND:

Conductor, E. WORMALD.

(By kind permission of the Chief Constable.)

HELEN HENSCHEL (Songs at the Piano).

CHARLES ANDERSON (Bass).

JAMES WORSLEY (Dialect Entertainer).

8.0. Band.  
March, "Grand Imperial" *J. Oud Hume*

Overture, "Arolda" *Verdi*

8.20 (approx.). Charles Anderson.

"Hybrias the Cretan" *Elliott (4)*

"A Song of the North Wind" *Harold Head (17)*

"The Song of the Horn" *Flégier*

Band.

Minuet in A Flat *Beethoven*

8.40 (approx.). James Worsley.

"Owd Enoch" *Waugh*

Helen Henschel.

"Nymphs and Shepherds" *Purcell (46)*

"The Early Morning" *Graham Peel (15)*

"Five Eyes" *Armstrong Gibbs (68)*

"Faery Song" *Rutland Boughton (53)*

Band.

"Reminiscences of Weber" *arr. Godfrey (15)*

9.15 (approx.). Charles Anderson.

"The Skipper of the Mary Jane" *D. Richards (9)*

"Ho, Jolly Jenkin" *Sullivan (15)*

"The Sun God" *James (56)*

James Worsley.

"Lost Babby" *Waugh*

Band.

Cornet Duet, "Ida and Dot" *Lozey (34)*

(P.C. SWIFT and P.C. CROSDALE.)

9.40 (approx.). Helen Henschel.

Folk Songs *arr. Cecil Sharp (46)*

"I'm Seventeen Come Sunday"; "The Sprig of Thyme"; "The Wrangle Taggle Gipsies."

Band.

"Three African Dances" *Bing (15)*

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

Miss ROSALINE MASSON. *S.B. from Edinburgh.*  
Local News.

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

11.30.—Close down.

## 5NO NEWCASTLE. 400 M.

11.30-12.30.—Nora Young (Contralto). Tom Brennan (Euphonium).

### Brahms.

(Died May 7th, 1897.)

HARRY SHUTTLEWORTH (Bass).

ROBERT BAULKES (Clarinet).

THE STATION STRING QUARTET:

Conductor, EDWARD CLARK.

3.45. Robert Baulks and String Quartet.

Quintet in B Minor for Clarinet and Strings.

4.15. Harry Shuttleworth. Selected Songs.

4.25. String Quartet. Waltzes.

4.45. Harry Shuttleworth. Selected Songs.

4.55. Quintet. Hungarian Dance.

5.0.—London Paper, "Mr. Tracey" from "Cottage Pie," by A. Neil Lyons.

5.15-5.55.—CHILDREN'S CORNER.

5.55-6.0.—Children's Letters.

6.30.—Boy Scouts' and Girl Guides' News Bulletin.

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

Market Prices for Farmers. *S.B. from London.*

7.15.—FRENCH RECITAL. *S.B. from London.*

7.30.—Music. *S.B. from London.*

7.40.—Talk.

8.0-11.30.—Programme *S.B. from London.*

## 2BD ABERDEEN. 495 M.

3.30-5.0.—Concert: The Wireless Orchestra. Netta Ledingham (Soprano). Feminine Topics.

5.30-6.0.—CHILDREN'S CORNER: Doris Grover (Soprano).

6.15-6.30.—Boys' Brigade News Bulletin: "Summer Activities in the Boys' Brigade—Cricket."

6.30-7.0.—Music.

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

Market Prices for Farmers. *S.B. from London.*

7.15.—FRENCH RECITAL. *S.B. from London.*

7.30.—Music. *S.B. from London.*

7.40.—Talk under the auspices of the Royal Horticultural Society of Aberdeen, by Mr. MACGREGOR SKENE, D.Sc. (Aberdeen University).

### Melody of Song.

DORIS GROVER (Songs at the Piano).

BETTY GALL (Contralto).

F. ELLIOT DOBIE (Baritone).

FRED B. CRANCH (Entertainer).

8.0. Betty Gall.  
"Farewell in the Desert" *Adams (9)*

"Felicity" *Sellers (40)*

8.10. Fred B. Cranch.  
"She Only Started Giggling" *Frogson*

"My Novelette" *Leareon (55)*

8.20. F. Elliot Dobie.  
"Full Fathom Five" *Shaw (17)*

"Glorious Devon" *German (9)*

8.30. Doris Grover.  
Musical Parodies *Hughes (9)*

"A Frog He Would A-Wooing Go"; "Simple Simon"; "There Was a Crooked Man"; "Doctor Foster"; "Sing a Song of Sixpence"; "Curly Locks"; "This Little Pig Went to Market."

8.45. Betty Gall.  
"Oh! Lovely Earth" *Could (4)*

"Ebb and Flow" *Rac (40)*

"Evening Pastoral" *Rac (40)*

8.55. Fred B. Cranch.  
"Water Scenes" *(55)*

"Modern Languages" *Anon.*

9.5. F. Elliot Dobie.  
"A Prayer" *Kullinnikov (16)*

"Unvanquished" *Krekell*

"Invictus" *Huhn (5)*

9.15. Doris Grover.  
"Night" *Rimsky-Korsakov (16)*

"Tell-Tale Stars" *Tcherepnia (16)*

"The Sleeping Beauty" *Borodin (16)*

"Tom Thumb" *Gretchaninov*

"Fairy Song" *Gretchaninov*

9.30. Betty Gall.  
"A Merry Andrew" *Borton (4)*

"A Flower" *Barry*

9.40. Fred B. Cranch.  
"Wrong Numbers" *Beech (55)*

"Scenes" *Love (55)*

9.50. F. Elliot Dobie.  
"The Three Roads" *Koeneman (16)*

"Because I Were Shy" *Johnston*

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

Miss ROSALINE MASSON. *S.B. from Edinburgh.*  
Local News.

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

11.30.—Close down.

## 5SC GLASGOW. 420 M.

3.30-4.45.—The Wireless Quartet. Frida Dacblitz (Solo Pianoforte).

4.45-5.15.—WOMEN'S HALF-HOUR.

5.15-6.0.—CHILDREN'S CORNER: Weekly Stamp Chat by Uncle Phil. Listen for the Competitions!

6.0-6.5.—Weather Forecast for Farmers.

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

Market Prices for Farmers. *S.B. from London.*

7.15.—FRENCH RECITAL. *S.B. from London.*

7.30.—Music. *S.B. from London.*

7.40.—Boy Scouts', Girl Guides', and Girls' Guildry Bulletins.

### Light Music and Humour.

*S.B. to Dundee.*

THE STATION ORCHESTRA:

Conducted by

HERBERT A. CARRUTHERS.

FRED BECK (Entertainer).

ALEXANDER MACGREGOR (Baritone).  
Orchestra.

8.0. Overture, "Iolanthe" *Sullivan*

Selection, "The Maid of the Mountains" *Fraser-Simson (3)*

8.25. Fred Beck.  
Character Songs.

"Erbert"; "Molly Muggles."

8.40. Alexander MacGregor.  
"Fishermen of England" ("The Rebel Maid") *M. Phillips (15)*

"The Cobbler's Song" ("Chu Chin Chow") *F. Norton (36)*

"Four Jolly Sailors" ("A Princess of Kensington") *Ed. German (15)*

8.50. Orchestra.  
Selection, "The Gipsy Princess" *Kalman (15)*

Selection, "Manon Lescaut" *Puccini (34)*

9.20. Fred Beck.  
Song, "Posters" *Von Tilzer*

Character Chat, "Symptoms."

Song, "Familiarity" *Reynolds*

9.32. Alexander MacGregor.  
"Yeomen of England" ("Merrie England") *Ed. German (15)*

"A Jovial Monk" ("La Poupée") *Audran (3)*

"When Lights Are All Aglow" ("The Merry Widow") *Lchar (15)*

9.42. Orchestra.  
Selection, "My Lady Frayle" *Talbot and Finck (34)*

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

Miss ROSALINE MASSON. *S.B. from Edinburgh.*  
Local News.

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

11.30.—Close down.

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 251.

# WIRELESS PROGRAMME—FRIDAY (May 8th.)

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

**The High-Power (Chelmsford) Programme will be found on page 255.**

## 2LO LONDON. 365 M.

- 1.0-2.0.—Time Signal from Greenwich. Music played during Luncheon at the Hotel Metropole.
- 3.15-3.45.—Transmission to Schools: "Southward with the Prince—Nigeria."
- 4.30-5.0.—Organ Music, relayed from Shepherd's Bush Pavilion. "Sir Walter Scott and the Poacher," by Joyce Wedgwood. Mrs. Siddons' "Three Reasons," by Violet M. Meshley.
- 6.0-6.30.—CHILDREN'S CORNER: "The Gnome and the Arkeydodger," by Margaret Cornford, from "The Merry-go-Round." Dale Smith—songs "When We Were Very Young," (by A. A. Milne: Music by Fraser Simpson). "The Flying Fish," by Arthur Groom.
- 6.30-6.40.—Children's Letters.
- 6.40.—Music.
- 7.0.—TIME SIGNAL FROM BIG BEN. WEATHER FORECAST and 1ST GENERAL NEWS BULLETIN. *S.B. to all Stations.*
- G. A. ATKINSON, "Seen on the Screen." *S.B. to all Stations.*
- 7.25.—Music. *S.B. to all Stations.*
- 7.40.—Mr. HOWARD ROBERTSON, F.R.I.B.A., under the auspices of the Architectural Association, on "History in London Buildings."

### Popular Concert.

- ELSIE HULME (Contralto).
- SYDNEY COLTHAM (Tenor).
- JACK HELLIER (Entertainer).
- RADIE O'RYMER.
- THE WIRELESS ORCHESTRA:  
Conducted by DAN GODFREY, Junr.
- 8.0. The Orchestra.
- March, "Amazons" .... *Von Blon* (34)
- Overture, "The Black Domino" *Auber* (34)
- Elsie Hulme.
- "Melisande in the Wood" *Alma Gutz* (15)
- "Persian Love Song" ..... *Lubinstein*
- Jack Hellier
- Entertains.
- Sydney Coltham.
- "A Shepherd's Love Song"
- Wilfred Jones* (15)
- "My Lute" ..... *Liddle* (15)
- The Orchestra.
- Intermezzo, "Moment Musical" *Schubert*
- Ballet Music, "The Two Pigeons"
- Messenger* (34)
- Radie O'rymer
- (Ralph de Rohan)
- in
- "Wireless Verses"
- (Worse and Worse).
- Elsie Hulme.
- "A Summer Night" *Goring Thomas* (44)
- "Vilia" ("The Merry Widow")
- Franz Lehar* (15)
- Sydney Coltham.
- "Now Sleeps the Crimson Petal"
- Roger Quilter* (9)
- "The Willow" ..... *Goring Thomas* (17)
- Jack Hellier
- in
- More Entertainment.
- The Orchestra.
- Selection, "La Poupée" .... *Audran* (15)
- 10.0.—TIME SIGNAL FROM GREENWICH. WEATHER FORECAST and 2ND GENERAL NEWS BULLETIN. *S.B. to all Stations.*
- The Rt. Hon. J. RAMSAY MACDONALD, M.P., "The Meaning and Limits of Open Diplomacy." *S.B. to all Stations.*
- Local News.
- 10.30. LATEST LONDON SUCCESSES.
- The Orchestra.
- Selections { "No, No, Nanette" *Youmans* (15)
- "Katja the Dancer" *Gilbert* (3)
- "Rose Marie" .... *Friml* (15)

11.0.—Close down.

## 5IT BIRMINGHAM. 475 M.

- 3.30-4.30.—Lozells Picture House Orchestra. Sidonie Wasserman (Solo Pianoforte).
- 4.45-5.15.—A Paper by G. Bernard Hughes: "The Wolf at the Door." Gertrude Davies (Soprano).
- 5.15-5.55.—CHILDREN'S CORNER.
- 5.55-6.0.—Children's Letters.
- 7.0-7.40.—Programme *S.B. from London.*
- 7.40.—Mr. JOHN HINGELEY, "Tamworth Tower and Town."

### A Varied Programme.

- ALICE VAUGHAN (Contralto).
- HARRY HOPEWELL (Baritone).
- EDWARD ISAACS (Solo Pianoforte).
- HELEN HENSCHEL (Songs at the Piano).
- And a Special Play.
- Harry Hopewell.
- 8.0. "Honour and Arms" ("Samson") *Handel*
- "Hindoo Song" ..... *Bemberg*
- "Onaway, Awake, Beloved" .. *Cowen* (44)
- 8.15. Edward Isaacs.
- Fantasia in C Minor ..... *Bach*
- Two Songs Without Words .. *Mendelssohn*
- In A Major (Hunting Song); in D Major (Andante).
- Caprice in the Style of Scarlatti
- Paderewski* (57)
- 8.30. Helen Henschel.
- "My Lovely Celia" ..... *arr. Lane*
- "Come, Let's Be Merry" } *Wilson* (9)
- "Morning Hymn" .. } .. *Henschel* (41)
- "The Brook Sings" .. } .. *Graham Peel* (15)
- "Gipsies" ..... *Alice Vaughan*.
- 8.45. "To Music" ..... }
- "Ave Maria" ..... } .. *Schubert*
- "Serenade" ..... }
- "The Organ Man" }
- 9.0. Edward Isaacs.
- Humoreske ..... *Tchaikovsky*
- Nocturne in D Flat, Op. 27, No. 2 } *Chopin*
- Bolero ..... }
- 9.15. "CHRISTOPHER COLUMBUS."
- A Play by Richard Hughes.
- 9.45. Harry Hopewell.
- "Boot and Saddle" ..... *Rupert Marsh*
- "The Violet Seller" ..... *Byrne* (9)
- "When Dull Care" .. *arr. Lane Wilson* (9)
- "When a Maiden Takes Your Fancy"
- ("Il Seraglio") ..... *Mozart*
- 10.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
- The Rt. Hon. J. RAMSAY MACDONALD, M.P. *S.B. from London.*
- Local News.
- 10.30. Helen Henschel.
- "Hey, Johnny Cope"
- Traditional Scottish Air* (9)
- "Blow Away the Morning Dew" ..... *arr. Cecil Sharp* (46)
- "Whistle, Daughter" .. }
- "Bridgwater Fair" ..... }
- 10.45. Alice Vaughan.
- "Mifanwy" ..... *Dorothy Forster* (15)
- "Fairy Pipers" ..... *Brewer* (9)
- "I Know of Two Bright Eyes" .. *Clutsam*
- "Thou'rt Like a Tender Flow'ret" *Liszt*
- 11.0.—Close down.

## 6BM BOURNEMOUTH. 386 M.

- 3.0-3.30.—Educational Talk by Mr. J. C. B. Carter, B.A., "Books: How and What to Read—"The Vicar of Wakefield" (Goldsmith)."
- 3.45-5.0.—Talk to Women: "Tennis Talk," by Major Cooper-Hunt (Camb. Univ. and Hampshire County). The Orpheus Quintet: Reginald S. Mouat (Violin); Thomas E. Illingworth ('Cello); Charles Leeson (Piano); R. G. Somers (Oboe); H. L. Gibson (Flute). Violet Cockburn (Soprano). Amy Cockburn (Mezzo-Soprano).
- 5.0-5.30.—CHILDREN'S CORNER: Uncle Jack's Fairy League Talk.
- 5.30-5.45.—Children's Letters.

- 6.0-6.30.—Scholars' Half-Hour: "French Talk," by Monsieur Pepin, B.A.
- 7.0-7.40.—Programme *S.B. from London.*
- 7.40.—Mr. H. C. MINCHIN, "Afoot in England—(1) In Devon."

### "In the Orient."

- DOROTHY BENNETT (Soprano).
- CONSTANCE WILLIS (Contralto).
- HUBERT CARTER (Tenor).
- ROY HENDERSON (Baritone).
- THE WIRELESS ORCHESTRA:  
Conducted by  
Capt. W. A. FEATHERSTONE.
- 8.0. Orchestra.
- "Ballet Egyptien" ..... *Luigini* (34)
- 8.15. Constance Willis.
- Aria from "Aida" ..... *Verdi*
- 8.20. Impressions of the Far East.
- By Major COOPER-HUNT.
- "A TYPHOON."
- An attempt to describe to listeners this particular kind of storm, which is common in the Far East. Listeners are advised to turn down their lights, and imagine themselves caught by a Typhoon in China.
- 8.50. Orchestra.
- Excerpts from "Chu Chin Chow"
- Norton* (36)
- 9.0. Dorothy Bennett.
- "Hindoo Chant" ("Sadko")
- Rimsky-Korsakov*
- 9.5. Orchestra.
- "In a Chinese Temple Garden"
- Ketelbey* (10)
- 9.15. Dorothy Bennett.
- Constance Willis.
- Hubert Carter.
- Roy Henderson.
- Orchestra.
- Song Cycle.
- "IN A PERSIAN GARDEN"
- (*Liza Lehmann*) (44).
- 10.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
- The Rt. Hon. J. RAMSAY MACDONALD, M.P. *S.B. from London.*
- Local News.
- 10.30. Dorothy Bennett.
- Constance Willis.
- Hubert Carter.
- Roy Henderson.
- Orchestra.
- Song Cycle.
- "THE DAISY CHAIN"
- (*Liza Lehmann*) (9).
- 11.0.—Close down.

## 5WA CARDIFF. 351 M.

- 3.0-3.30.—Transmission to Schools: Dr. Jas. J. Simpson, M.A., D.Sc., Keeper of Zoology, The National Museum of Wales, "Our Reptiles and How to Identify Them" (Lantern).
- 3.30-4.0.—The Station Trio.
- 4.0-4.45.—The Carlton Orchestra, relayed from the Carlton Restaurant.
- 5.0-5.30.—"5WA'S" "FIVE O'CLOCKS."
- 5.30-6.10.—CHILDREN'S CORNER.
- 6.10-6.15.—Children's Letters.
- 6.15-6.30.—"Teens' Corner: "Careers for Girls."
- 7.0-7.40.—Programme *S.B. from London.*
- 7.40.—Mr. ISAAC J. WILLIAMS, Keeper of Art, The National Museum of Wales, "English Water-Colour Painters—David Cox."
- 8.0-11.0.—Programme *S.B. from London.*

## 2ZY MANCHESTER. 374 M.

- 3.30-4.0.—Broadcast for Schools: (3.30) Travel, (3.45) Popular Science.
- 4.0-5.15.—Concert by the "2ZY" Quartet. Nellie Monk (Soprano). Percy Jones (Baritone). Talk to Women.
- 5.30-5.45.—Children's Letters.
- 5.45-6.30.—CHILDREN'S CORNER.
- 7.0-7.40.—Programme *S.B. from London.*

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 281.



# WIRELESS PROGRAMME—SATURDAY (May 9th.)

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

**The High-Power (Chelmsford) Programme will be found on page 255.**

## 2LO LONDON. 365 M.

4.0-5.0.—Time Signal from Greenwich. Concert: The "2LO" Octet. Violet Turner (Contralto). Charles Benham (Entertainer). "Shop Dazzled," by a Country Woman. "How to Make a Holiday on Foot," by A. J. Webb.

6.0-6.30.—CHILDREN'S CORNER: "The Wind Bird," from "More Nature Myths," by F. V. Farmer. Music by the Octet. Children's News. Guessing Competition.

6.30-6.40.—Children's Letters.

6.40.—Music.

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

Dr. CHARLES SAROLEA, Travel Talk: "With the King of the Belgians in Brazil." *S.B. from Edinburgh.*

7.25.—Music. *S.B. to all Stations except Belfast.*

7.40.—Colonel BOGEY on "Golf." *S.B. to other Stations.*

### Set Britain Singing.

8.0-10.0.

Programme

of

COMMUNITY SINGING.

Arranged by

The B.B.C. in conjunction with the Community Singers' Association.

Relayed from  
The Royal Albert Hall.

Conductors:

Sir HUGH ALLEN.  
PERCY PITT.  
GEOFFREY TOYE.  
GIBSON YOUNG.

At the Organ:

L. STANTON JEFFERIES.

At the Piano:

GIBSON YOUNG.

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

Mr. P. F. WARNER, M.B.E., Talk on "Cricket Prospects." *S.B. to all Stations except Glasgow.*

Local News.

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

12.0.—Close down.

## 5IT BIRMINGHAM. 475 M.

3.30-4.30.—The Buffalo Orchestra (Under the Direction of Shenkman and Quitt), relayed from the Palais de Danse.

4.45-5.15.—WOMEN'S CORNER: Councillor Norman Tiptaft, "What Men Admire in Women." Ethel Williams (Contralto).

5.15.—CHILDREN'S CORNER: Auntie Phil and a Further Snooky Adventure.

5.55-6.0.—Children's Letters.

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

Dr. CHARLES SAROLEA. *S.B. from Edinburgh.*

7.25.—Music. *S.B. from London.*

7.40.—Mr. ARGUS JUNIOR, "Outdoor Sports for the Summer Months—(1) Rowing."

### Mainly Musical Comedy.

THE STATION ORCHESTRA.

FLORENCE CLEETON (Soprano).  
ROBERT PITT and LANGTON MARKS  
(Entertainers at the Piano).

8.0. The Orchestra.  
Overture, "The Arcadians"

*Manckton and Talbot (15)*

Valse, "A Waltz Dream" . . . . . *Straus (34)*

Florence Cleeton.

"Cleopatra's Nile" ("Chu Chin Chow")

*Norton (36)*

"Southern Love" ("A Southern Maid")

*Fraser-Simson (3)*

8.30. The Orchestra.

Selection, "The Rainbow" . . . . . *Gershwin (15)*

Robert Pitt and Langton Marks,

in Duets Up-to-Date.

9.0. The Orchestra.

Selection, "Jumble Sale" . . . . . *Braham (3)*

"Rustic Dance" ("Airs and Graces")

*Manckton (15)*

Florence Cleeton.

"I Wonder" ("The Rose of Araby")

*Morgan (36)*

"Ah, Who Shall Say that Love is Cruel?"

("Merrie England") . . . . . *German (15)*

9.30. Robert Pitt and Langton Marks,

in Duets Topical and Tropical.

The Orchestra.

Selection, "Tina" . . . . . *Rubens (15)*

10.0.—WEATHER FORECAST and NEWS.

*S.B. from London.*

Mr. P. F. WARNER. *S.B. from London.*

Local News.

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

12.0.—Close down.

## 6BM BOURNEMOUTH. 386 M.

3.45-5.0.—Gardening Talk to Women by George Dance. Orchestra broadcast from the Electric Theatre: Musical Director—D. C. Ronald. The Blackmore Vale Dance Band.

5.0-5.30.—CHILDREN'S CORNER: Songs and Stories, etc.

5.30-5.45.—Children's Letters.

6.0-6.30.—Scholars' Half-Hour: "Atmospheric Phenomena" by S. H. Greves, F.R. Met. Soc.

6.30-6.57.—Music.

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

Dr. CHARLES SAROLEA. *S.B. from Edinburgh.*

7.25.—Music. *S.B. from London.*

7.40.—Colonel BOGEY. *S.B. from London.*

8.0. "A Revue From Revues."

LONDON—PARIS—NEW YORK.

BETTY THOMPSON (Soprano).

ERNEST EADY (Baritone).

BRET HAYDEN (Entertainer).

FLEURETTE MANON

(French Comedienne).

BEATRICE DE HOLTHOIR

(French Diseuse).

SCOVELL and WHELDON

(Syncopated Entertainers).

THE BLACKMORE VALE DANCE

BAND.

ALVIN KEECH (Banjulele Banjo).

The "6BM" CHORUS.

THE WIRELESS ORCHESTRA:

Conducted by

Capt. W. A. FEATHERSTONE.

Come to London, Paris and New York, by

remaining at home listening to our Revue

From Revues.

10.0.—WEATHER FORECAST and NEWS.

*S.B. from London.*

Mr. P. F. WARNER. *S.B. from London.*

Local News.

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

12.0.—Close down.

## 5WA CARDIFF. 351 M.

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

5.0-5.30.—"5WA'S" "FIVE O'CLOCKS."

5.30-6.10.—CHILDREN'S CORNER.

6.10-6.15.—Children's Letters.

6.15-6.30.—Teens' Corner: Tale for 'Teens.

7.0.—WEATHER FORECAST and NEWS.

*S.B. from London.*

Dr. CHARLES SAROLEA. *S.B. from Edinburgh.*

7.25.—Music. *S.B. from London.*

7.40.—Mr. H. J. TIPPING, Postmaster of Cardiff, "The Evolution of the Post Office."

HELEN HENSCHEL (Songs at the Piano).

THE STATION ORCHESTRA:

Conductor—WARWICK BRAITHWAITE.

8.0. Orchestra.

Overture, "Peter Schmol" . . . . . *Weber*

"Zazra" . . . . . *York Bowen (34)*

8.15. Helen Henschel.

"Nymphs and Shepherds" . . . . . *Purcell (46)*

"The Early Morning" . . . . . *Graham Peel (15)*

"Sea Fever" . . . . . *John Ireland (5)*

"Faery Song" . . . . . *Rutland Boughton (58)*

8.25. Orchestra.

"Moon Maid" . . . . . *Ancliffe (51)*

"Bagatelle" . . . . . *John Ireland (46)*

8.40. "OLD BILL"

in

May Time Revels.

9.25. Helen Henschel.

"Irish Folk Song" . . . . . *Arthur Foote (9)*

"To Daisies" } . . . . . *Quilter (9)*

"A Secret" } . . . . . *Quilter (9)*

"Leezie Lindsay" . . . . . *Scottish Folk Song*

9.35. Orchestra.

"The Enchanted Cottage" . . . . . *Cowen (3)*

March, "King Cotton" . . . . . *Sousa*

9.50. Helen Henschel.

Folk Songs . . . . . *arr. C. Sharp (46)*

"I'm Seventeen Come Sunday"; "The

Sprig of Thyme"; "The Wraggle

Taggle Gipsies."

10.0.—WEATHER FORECAST and NEWS.

*S.B. from London.*

Mr. P. F. WARNER. *S.B. from London.*

Local News.

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

12.0.—Close down.

## 2ZY MANCHESTER. 374 M.

4.0-5.15.—Dance Music, relayed from the State Café. Augusta Paddon (Contralto). J. Sutcliffe Halliwell (Baritone). Talk to Women.

5.30-5.45.—Children's Letters.

5.45-6.30.—CHILDREN'S CORNER.

7.0.—WEATHER FORECAST and NEWS.

*S.B. from London.*

Dr. CHARLES SAROLEA. *S.B. from Edinburgh.*

7.25.—Music. *S.B. from London.*

7.40.—Mr. F. STACEY LINTOTT, Weekly

Talk on Sport.

"Old Masters."

Relayed to "5XX."

EDWARD ISAACS (Solo Pianoforte).

HARRY HOPEWELL (Baritone).

THE "2ZY"

AUGMENTED ORCHESTRA.

Conductor, T. H. MORRISON.

10.0.—WEATHER FORECAST and NEWS.

*S.B. from London.*

Mr. P. F. WARNER. *S.B. from London.*

Local News.

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

12.0.—Close down.

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 251.

# WIRELESS PROGRAMME—SATURDAY (May 9th.)

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

- 8.0. Orchestra.  
 March, "Scipio" ..... Handel—1685  
 Overture, "Coriolanus" Beethoven—1770  
 Harry Hopewell.  
 "The Wanderer" ..... Schubert  
 "Who is Sylvia?" ..... Schubert  
 Orchestra.  
 "Military March in D," Op. 51  
 Schubert—1797  
 Edward Isaacs.  
 Impromptu in B Flat, Op. 142, No. 3  
 Schubert  
 Impromptu in A Flat, Op. 90, No. 4  
 Schubert  
 Orchestra.  
 "The Unfinished Symphony" ... Schubert  
 Harry Hopewell.  
 "Thou Art Repose" ..... }  
 "Lay of the Imprisoned } ..... Schubert  
 Huntsman" ..... }  
 Orchestra.  
 "Slumber Song" ..... Schumann—1810  
 Edward Isaacs.  
 "Papillons" ..... Schumann—1810  
 Harry Hopewell.  
 "I Wept as I Lay Dreaming" ..... }  
 "The Rose and the Lily" ..... } Schumann  
 "Devotion" ..... }  
 "The Wanderer's Song" ..... }  
 Orchestra.  
 Suite (1st Movement)  
 Schumann, arr. Langley  
 10.0.—WEATHER FORECAST and NEWS.  
 S.B. from London.  
 Mr. P. F. WARNER. S.B. from London.  
 Local News.  
 10.30. DORIS GROVER (Songs at the Piano).  
 Musical Parodies ..... Herbert Hughes (9)  
 "Sing a Song of Sixpence"; "Simple  
 Simon"; "Doctor Foster"; "Curly  
 Locks"; "This Little Pig Went to  
 Market."  
 "Evening Prayer" ..... Moussorgsky (5)  
 "Fairy Song" ..... Gretchaninov  
 "The Sleeping Beauty" ..... Borodin (16)  
 Two Tonadillas ..... Granados  
 "The Flirts"; "The Scornful Maid."  
 10.50.—THE SAVOY BANDS. S.B. from  
 London.  
 12.0.—Close down.

- 5NO NEWCASTLE. 400 M.**  
 3.45-5.15.—Alice Moxon (Mezzo-Soprano).  
 Harry M. Pell (Cornet). Frederick  
 Stevenson (Baritone). London Paper,  
 "Careers for Women—Massage, Medical  
 Gymnastics, and Medical Electricity,"  
 by an Expert.  
 5.15-5.55.—CHILDREN'S CORNER.  
 5.55-6.0.—Children's Letters.  
 7.0.—WEATHER FORECAST and NEWS.  
 S.B. from London.  
 Dr. CHARLES SAROLEA. S.B. from  
 Edinburgh.  
 7.25.—Music. S.B. from London.  
 7.40.—Colonel BOGEY. S.B. from London.  
 HERMANN McLEOD (Violin).  
 THE STATION ORCHESTRA.  
 Conductor, EDWARD CLARK.  
 8.0. Hermann McLeod and Orchestra  
 Symphonie Espagnole for Violin and  
 Orchestra ..... Lalo  
 8.25-8.30. Interval.  
 8.30. THE "5NO" MERRY ORPHANS.  
 Including, to-night,  
 FRED BECK (Entertainer).  
 ALICE MOXON (Soprano).  
 10.0.—WEATHER FORECAST and NEWS.  
 S.B. from London.  
 Mr. P. F. WARNER. S.B. from London.  
 Local News.  
 10.30.—THE SAVOY BANDS. S.B. from  
 London.  
 12.0.—Close down.

- 2BD ABERDEEN. 495 M.**  
 3.30-5.0.—The Wireless Orchestra. Avis Ander-  
 son (Contralto). Feminine Topics.  
 5.30-6.0.—CHILDREN'S CORNER.  
 6.20-6.30.—Farmers' Advice Corner. Con-  
 ducted by Don G. Munroe, B.Sc.  
 6.30-7.0.—Steadman's Symphony Orchestra,  
 relayed from the Electric Theatre.  
 7.0.—WEATHER FORECAST and NEWS.  
 S.B. from London.  
 Dr. CHARLES SAROLEA. S.B. from  
 Edinburgh.  
 7.25.—Music. S.B. from London.  
 7.40.—Capt. ROBERT DOUGLAS, M.A.,  
 "Evelyn—The English Gentleman."

- Choral and Solo Night.**  
 S.B. to Glasgow and Dundee.  
 ALEX. McCREDIE (Tenor).  
 PAUL DELLA TORRE (Pianist).  
 THE HALL RUSSELL MALE VOICE  
 CHOIR.  
 Conductor, GEORGE A. INNES.  
 8.0. Choir.  
 "Creation's Hymn" ..... Beethoven (46)  
 "A Roman War Song" ("Rienzi")  
 Wagner (18)  
 "Lullaby" ..... Brahms (46)  
 "Bobby Shaftoe" (Humorous)  
 arr. Whittaker (58)  
 8.15. Paul Della Torre.  
 Largo and Bourrée from Sonata for Violin  
 alone ..... Bach-Saint-Saens  
 "Sonata Pathétique" ..... Beethoven  
 8.35. Alex. McCredie.  
 "Ould John Braddlem" (Old Northern  
 Country Folk Song) ..... Johnston (17)  
 "The Low-Backed Car" ..... arr. Hughes (44)  
 8.45. Choir.  
 "Drake's Drum" ..... Coleridge-Taylor (18)  
 "Song of the Volga Boatmen"  
 Bantock (18)  
 "Alexander" (Humorous) ..... Brewer (46)  
 "Martyrs of the Arena" ..... de Rille (18)  
 "Please Won't You Be My—H'm"  
 (Humorous) ..... Dore (18)

- 9.0. Paul Della Torre.  
 "Pensée Fugitive" ..... Della Torre  
 "Love Waltz" ..... Moszkowski  
 Third Impromptu ..... Chopin  
 9.15. Choir.  
 "The Peat Fire Flame" Traditional (9)  
 "Turn Ye to Me" ..... arr. Roddie (6)  
 "Corn Rigs" ..... Finlay (6)  
 "The Hundred Pipers" ..... arr. Roddie (6)  
 9.30. Alex. McCredie.  
 "Lohengrin's Narration" ..... Wagner  
 "Lorraine" ..... Sanderson (9)  
 9.40.—DANCE MUSIC. S.B. from Glasgow.  
 10.0.—WEATHER FORECAST and NEWS.  
 S.B. from London.  
 Mr. P. F. WARNER. S.B. from London.  
 Local News.  
 10.30.—THE SAVOY BANDS. S.B. from  
 London.  
 12.0.—Close down.

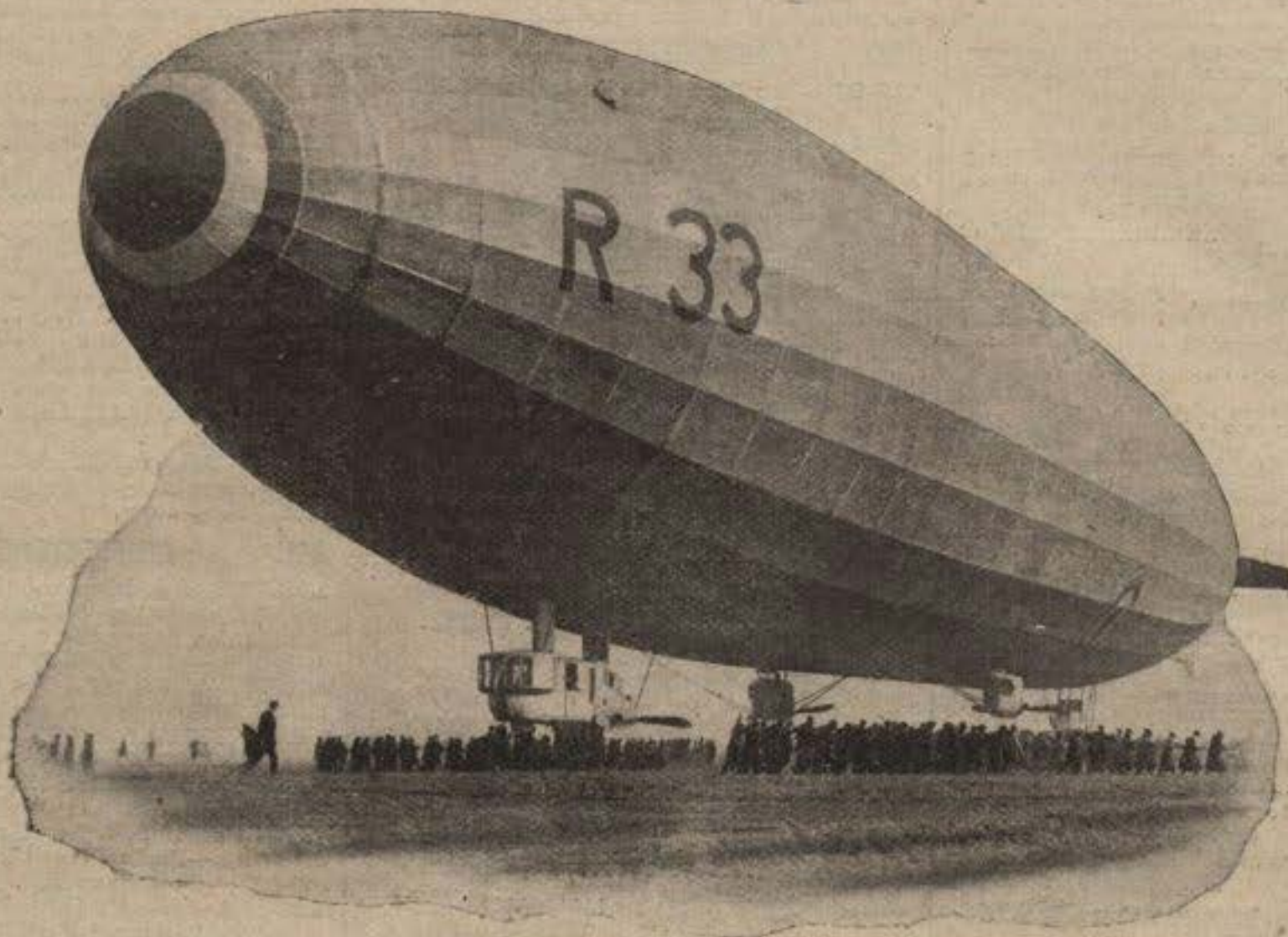
- 5SC GLASGOW. 420 M.**  
 3.30-4.30.—An Hour of Melody with the  
 Wireless Quartet and Eliza B. Barbour  
 (Mezzo-Soprano).  
 4.45-5.15.—WOMEN'S HALF-HOUR.  
 5.15-6.0.—CHILDREN'S CORNER.  
 6.0-6.5.—Weather Forecast for Farmers.  
 7.0.—WEATHER FORECAST and NEWS.  
 S.B. from London.  
 Dr. CHARLES SAROLEA. S.B. from  
 Edinburgh.  
 7.25.—Music. S.B. from London.  
 7.40-7.50.—Radio Society Talk.  
 8.0-9.30.—Programme S.B. from Aberdeen.  
 9.30-10.0.—FREEMAN'S DANCE ORCHES-  
 TRA, relayed from "The Plaza."  
 10.0.—WEATHER FORECAST and NEWS.  
 S.B. from London.  
 Mr. P. F. WARNER. S.B. from London.  
 Local News.  
 10.30.—THE SAVOY BANDS. S.B. from  
 London.  
 12.0.—Close down.

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## EVENTS OF THE WEEK.

- SUNDAY, May 3rd.**  
 ALL STATIONS, 10.15.—Military Sunday  
 Service, relayed from York Minster.  
 LONDON, 4.0.—Organ Recital, relayed  
 from the National Institute for the  
 Blind.  
 BIRMINGHAM, 9.0.—Chamber Music  
 Evening.  
 BOURNEMOUTH, 4.0.—The J. H. Squire  
 Celeste Octet.  
 CARDIFF, 9.0.—Old Masters—II.  
 MANCHESTER, 4.0.—Light Symphony  
 Concert.  
**MONDAY, May 4th.**  
 LONDON, 8.0.—Band of H.M. Scots  
 Guards.  
 LONDON, 9.45.—Speech by his Excel-  
 lency the AMERICAN AMBASSADOR  
 at the Pilgrims' Dinner, relayed from  
 the Hotel Victoria. S.B. to all Stations.  
 CARDIFF, 7.30.—Concert relayed from  
 Central Hall, Newport.  
 ABERDEEN, 8.0.—Ballad Concert.  
 GLASGOW, 8.0.—Popular and Literary.  
**TUESDAY, May 5th.**  
 "5XX," 8.30.—The Faculty of Arts Con-  
 cert, relayed from Grosvenor House.  
 LONDON, 8.0.—Symphony Concert. S.B.  
 to all Stations except "5XX."  
**WEDNESDAY, May 6th.**  
 LONDON, 8.0.—"Old Times"—Music-  
 Hall Songs of Years Gone By.

- LONDON, 10.40.—"The Coronation  
 Anthem" (Handel) S.B. to other  
 Stations.  
 BIRMINGHAM, 8.0.—Opera, "The Magic  
 Flute" (Mozart).  
 NEWCASTLE, 8.0.—Old Italian Music.  
 GLASGOW, 8.0.—Symphony Concert.  
 S.B. to other Stations.  
**THURSDAY, May 7th.**  
 "5XX," 8.0.—Light Orchestral Concert.  
 LONDON, 8.0.—Chamber Music—  
 Brahms and Tchaikovsky. S.B. to  
 other Stations.  
 BOURNEMOUTH, 8.0.—"Among the  
 Mountains."  
 BELFAST, 8.0.—Springtime Programme.  
**FRIDAY, May 8th.**  
 "5XX," The Faculty of Arts International  
 Concert.  
 BOURNEMOUTH, 9.15 and 10.30.—  
 Song Cycles, "In a Persian Garden"  
 and "The Daisy Chain" (Liza Leh-  
 mann).  
 MANCHESTER, 8.0.—2nd Edition of  
 "The 7.30 Revue."  
 NEWCASTLE, 8.0.—Symphony Concert.  
**SATURDAY, May 9th.**  
 LONDON, 8.0.—Community Singing Con-  
 cert, relayed from the Albert Hall.  
 BOURNEMOUTH, 8.0.—"A Revue from  
 Revues."  
 MANCHESTER AND "5XX," 8.0.—  
 "Old Masters."  
 ABERDEEN, 8.0.—Ballad Concert.  
 BELFAST, 7.30.—Nautical Programme.



The above photograph shows the  
**R 33**  
 prior to making her first flight.

At that time and also in her  
 recent adventure she used

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# WIRELESS PROGRAMME—BELFAST (May 3rd, to May 9th.)

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

**2BE 435 M.**

**SUNDAY.**

10.15-12.0.—MILITARY SUNDAY SERVICE, relayed from York Minster.  
 4.0-6.0.—ORGAN RECITAL. *S.B. from London.*  
 8.0-6.30.—CHILDREN'S CORNER. *S.B. from Glasgow.*

9.0. THE STATION CHOIR.  
 Easter Song, "From All That Well Below the Skies" . . . . . *Cologne, arr. V. Williams*  
 Anthem, "If We Believe That Jesus Died" . . . . . *Goss (46)*

Address.  
 Choir.

Hymn, "Hail, Gladdening Light" (from the Greek, one of the earliest Christian Hymns extant).

9.30-10.45.—Programme *S.B. from London.*

**MONDAY.**

4.0-5.0.—The "2BE" Quartet.  
 5.30-5.55.—CHILDREN'S CORNER.  
 5.55-6.0.—Children's Letters.  
 6.40.—Radio Society Bulletin. *S.B. from London.*  
 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*  
 Mr. W. M. R. PRINGLE. *S.B. from London.*

**Variety Programme.**

THE STATION ORCHESTRA.  
 JOHN CROWTHER (Solo Violin).  
 GRACE IVELL AND VIVIAN WORTH (Entertainers).

7.30. Orchestra.  
 "The Empire March" (1924) . . . . . *Elgar (26)*  
 Selection, "Songs of the Hebrides" . . . . . *Kennedy-Fraser (9)*  
 Grace Ivell and Vivian Worth.  
 Barcarolle ("The Tales of Hoffmann") . . . . . *Offenbach (17)*  
 "Wanderlust" . . . . . *Evans (21)*  
 "Cross-Eyed Clara and Her Cross-Word Craze" . . . . . *Reg Low (29)*  
 John Crowther.  
 Concerto, A Minor (1st Movement) . . . . . *Bach*  
 Rondino . . . . . *Beethoven*  
 Berceuse . . . . . *Townsend (56)*  
 Grace Ivell and Vivian Worth.  
 "Follow the Swallow" . . . . . *Roy Henderson (29)*  
 "Africa" . . . . . *Hanley (36)*  
 "Apples Were Made for Cider" . . . . . *T. Sterndale-Bennett*  
 Orchestra.  
 "Chant sans Paroles" . . . . . *Tchaikovsky (34)*  
 Grace Ivell and Vivian Worth.  
 "Sleepy Hollow Tune" . . . . . *Koontz (15)*  
 "Keep Smiling at Trouble" . . . . . *Genster (15)*  
 "Kicky Koo" . . . . . *Meyer (19)*  
 John Crowther.  
 "Three Mariners" . . . . . *Roger Quilter (68)*  
 "Lyric Poem" . . . . . *J. Crowther (67)*  
 Orchestra.  
 An Eastern Suite, "In a Persian Market" . . . . . *Ketelbey (10)*

9.45.—Speech by HIS EXCELLENCY THE AMERICAN AMBASSADOR, at the Pilgrims' Dinner. Relayed from The Hotel Victoria, London.  
 10.15-11.0.—Programme *S.B. from London.*

**TUESDAY.**

11.30-12.30.—Gramophone Records.  
 6.6-5.30. Concert.  
 THE STATION ORCHESTRA.  
 JOAN BRISTOW (Mezzo-Contralto).  
 Orchestra.  
 Overture, "The Barber of Seville" . . . . . *Rossini-Stefani*  
 Air de Ballet, "Mars et Venus" ("Danse des Lames et des Yeux") . . . . . *Louis Ganne*  
 "Marche Arabe" . . . . . *Louis Ganne*  
 Romance in D for Solo. Cello and Orchestra . . . . . *Davico*

Joan Bristow.  
 "A Voice by the Cedar Tree"  
 "She Came to the Village Church" . . . . . *M. Somerville (9)*  
 "O That 'Twere Possible"  
 "Birds in the High Hall Garden" . . . . .  
 Orchestra.  
 "Le Sommeil des Cherubins" . . . . . *Monti (56)*  
 Scenes from an Imaginary Ballet . . . . . *Coleridge-Taylor (34)*  
 Fox-trot, "Peter Pan, I Love You" . . . . . *King and Henderson (36)*  
 One-step, "Cheeri-oh" . . . . . *Carr (36)*  
 5.30-5.55.—CHILDREN'S CORNER.  
 5.55-6.0.—Children's Letters.  
 7.0-10.10.—Programme *S.B. from London.*  
 10.10.—Prof. J. ARTHUR THOMSON. *S.B. from Aberdeen.* Local News.  
 10.30-12.0.—Programme *S.B. from London.*

**WEDNESDAY.**

4.0-5.0.—The "2BE" Trio.  
 5.30-5.55.—CHILDREN'S CORNER.  
 5.55-6.0.—Children's Letters.  
 6.40.—Mr. Alec Riddell: "Ulster Memories."  
 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*  
 Principal C. GRANT ROBERTSON. *S.B. from Birmingham.*

**Symphony Concert.**

THE AUGMENTED STATION ORCHESTRA:  
 Conducted by E. GODFREY BROWN and HAROLD LOWE.  
 JAMES BRIGGS (Tenor).  
 ERNEST APPELYARD (Solo Pianoforte).  
 7.30. Orchestra.  
 "Imperial March" . . . . . *Elgar (46)*  
 Overture, "Britannia" . . . . . *Mackenzie (67)*  
 Ballet Music, "Raymonda" . . . . . *Glazounov*  
 James Briggs.  
 "Where'er You Walk" . . . . . *Handel*  
 "Blow, Blow, Thou Winter Wind" . . . . . *Roger Quilter (9)*  
 "Fairy Lullaby" . . . . . *Roger Quilter (15)*  
 Orchestra.  
 Russian Song, "Doubinouchka" . . . . . *Rimsky-Korsakov*  
 James Briggs.  
 "Ah! Moon of My Delight" . . . . . *Liza Lehmann (44)*  
 "Grey Neath the Moon" . . . . . *Madge Wells (17)*  
 "Sing Heigh-ho" . . . . . *S. H. Nicholson*  
 Orchestra.  
 "Symphonie Fantastique" (Movements 2 and 4) . . . . . *Berlioz (34)*  
 Ernest Appleyard.  
 Scherzo in C Sharp Minor . . . . . *Chopin*  
 Study in D Flat . . . . . *Liszt*  
 Orchestra.  
 Rondo and Variations from Divertimento, No. 17, for Strings and Two Horns . . . . . *Mozart*  
 Ernest Appleyard  
 Gavotte in E . . . . . *Sapellnikoff (16)*  
 Cracovienne Fantastique . . . . . *Paderevski (57)*  
 Study in A . . . . . *Poldini (57)*  
 Toccata . . . . . *Leschetizky (57)*  
 Intermezzo in Octaves . . . . .  
 Orchestra.  
 Gopak (a little Russian Dance from the Opera, "The Fair of Sorotchintzi") . . . . . *Moussorgsky (16)*

10.0.—WEATHER FORECAST and NEWS. *S.B. from London.*  
 Prof. R. PEERS. *S.B. from Nottingham.*  
 Royal Horticultural Society Talk. *S.B. from London.* Local News.  
 10.40-11.0.—Programme *S.B. from London.*

**THURSDAY.**

4.0-5.0.—The "2BE" Quintet.  
 5.30-5.55.—CHILDREN'S CORNER.  
 5.55-6.0.—Children's Letters.  
 6.40.—Boys' Brigade Bulletin.  
 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*

Market Prices for Farmers. *S.B. from London.*  
 7.15.—FRENCH RECITAL. *S.B. from London.*

**Springtime Music.**

THE STATION ORCHESTRA.  
 GWLADYS NAISH (Soprano).  
 SUSAN STONELEY (Solo Flute).  
 HELEN TINSLEY (Recital).  
 Orchestra.  
 7.30. March, "Vito" . . . . . *Hope (34)*  
 Suite, "Language of Flowers" . . . . . *Cowen (44)*  
 Gwladys Naish.  
 Selected Songs.  
 Orchestra.  
 Overture, "A May Day" . . . . . *Haydn Wood (34)*  
 Susan Stoneley.  
 "Frühlingstraum" . . . . . *Oscar Klose*  
 Mendelssohn's "Spring Song" . . . . . *arr. G. Popp*  
 No. 3 of Trois Pensées . . . . . *R. Revell*  
 Gwladys Naish.  
 Selected Songs.  
 Helen Tinsley will Speak Verse.  
 Susan Stoneley.  
 Variations on "The Carnival of Venice" . . . . . *J. H. Young*  
 Marjorie Sinclair will Speak Verse.  
 Orchestra.  
 "Bonheur de Printemps" . . . . . *G. Borch (34)*  
 10.0.—WEATHER FORECAST and NEWS. *S.B. from London.*  
 Miss ROSALINE MASSON. *S.B. from London.*  
 Local News.  
 10.30.—THE SAVOY BANDS. *S.B. from London.*  
 11.30.—Close down.

**FRIDAY.**

11.30-12.30.—Gramophone Records.  
 4.0. Concert.  
 The Station Orchestra. Alicia Bristow (Mezzo-Soprano).  
 5.30-5.55.—CHILDREN'S CORNER.  
 5.55-6.0.—Children's Letters.  
 7.0-11.0.—Programme *S.B. from London.*

**SATURDAY.**

4.0-5.0.—The "2BE" Trio. E. J. Harris (Solo Clarinet).  
 5.30-5.55.—CHILDREN'S CORNER.  
 5.55-6.0.—Children's Letters.  
 6.40.—Mrs. Rooney, of Belfast.  
 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*  
 Dr. CHARLES SAROLEA. *S.B. from Edinburgh.*

**Nautical Programme.**

THE STATION ORCHESTRA.  
 JOHN BUCKLEY (Baritone).  
 HERBERT SCOTT'S CHOIR  
 In Sea Chanties.  
 MAURICE McDONOUGH (Solo Trombone).  
 Orchestra.  
 7.30. March, "Viscount Nelson" . . . . . *Zehle (34)*  
 Overture, "Plymouth Hoe" . . . . . *Ansell (15)*  
 Choir.  
 Selections.  
 Orchestra.  
 Overture to "H.M.S. Pinafore" . . . . . *Sullivan*  
 John Buckley.  
 Selected Songs.  
 Orchestra.  
 Idyll, "Sea Sheen" . . . . . *Eric Fogg (3)*  
 John Buckley.  
 Selected Songs.  
 Orchestra.  
 Overture, "A Calm Sea" . . . . . *Mendelssohn*  
 Choir.  
 Maurice McDonough.  
 Trombone Solo, "The Saucy Arethusa" . . . . . *Shield (34)*  
 Orchestra.  
 Dance of the Sailors from "Rodrigo" . . . . . *Handel, arr. Cowen (46)*  
 10.0-12.0.—Programme *S.B. from London.*

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 251.

# Wireless and the Modern Boy.

Is Amusement His Chief Aim? By Alec Waugh.

[Mr. Alec Waugh is one of the most inspiring of our younger writers, and in such books as "The Loom of Youth" and "Public School Life," he has shown a remarkable knowledge of the psychology of boyhood.]

ALL boys, it is generally assumed, are interested in mechanics, why, I have never been able to discover. I remember that a day-boy at my preparatory school found once an excuse for absenting himself from a lecture on anatomy. The headmaster was displeased. "It is very foolish of you," he said. "If you had really wanted to come, you would have managed it, and I can't think why you didn't. If you had been told that you were to be shown over a motor works, you would have been quite excited. But your body is a far more wonderful and intricate piece of machinery than any motor works."

### Matters of Taste.

And yet why should he have been excited? Personally, I can think of few things that would have bored me more completely than, as now, than an inspection of a motor works. Those things are affairs of taste, and to say that the majority of boys are interested in mechanics seems no more accurate a statement than that the majority of boys delight in poetry. Some do and some do not. And that is a point of some importance in considering the part that wireless plays and is likely to play in the life of the modern boy.

For the wireless enthusiasts may, it seems to me, be divided into two classes. There is, on the one hand, the boy who is concerned with wireless as an ingenious mechanical contrivance, and on the other, the boy who regards it solely as a medium of entertainment. To the first class of boy the nature of the thing heard is of casual matter. He has in his own room or workshop erected a machine with which it is possible for him to hear words spoken in London, Bournemouth, Cardiff, Paris, and he is immensely proud of his achievement.

### Displaying His Tricks.

He will invite his friends to come and listen. He will present each of them with a headpiece. "We will begin," he will inform them, "with a selection by the Savoy Band." But he will not allow them to listen to it for very long. Like the conjurer, he wishes to make a display of all his tricks in the brief interval before the curtain is rung up for the next turn. He has proved conclusively that he can transmit the strains of the Savoy Band from London to his study.

Let him now show how he can get in touch with Cardiff or Bournemouth or even Paris. His radio conversation is not an affair of "How good 'Midsummer Madness' was last week," but of crystals and loud speakers. He is like the artist who works at his art for his art's sake only. He does not think of it as a directly utilitarian activity.

### A Great Temptation.

And it is with this class of boy that wireless in schools, and particularly in boarding schools, is likely to prove most popular. Wireless is, of course, such an entirely new thing that it is impossible to dogmatize on its regulation. But authority would seem to be fairly definitely agreed that as a form of entertainment it is a dangerous adversary to work. For the junior the temptation to use it during the hours of evening preparation would be as great as the chances of detecting it would be slight, and so rules have to be drawn up. Where studies are shared, as at the majority of schools they are, it would be the simplest thing for the one to keep *caze* at the door while the other listened.

At Harrow, for example, while any boy may set up a wireless set in the workshop, to listen in houses is a monitorial privilege. Only those, that is to say, are allowed to have wireless sets in their studies who can be trusted not to use them in work hours, and so it would seem that radio activity in boarding-schools at any rate, will be confined to that type of boy who is interested in wireless as a mechanical contrivance simply, who will fix up his own set in the school workshop and experiment with wave-lengths at such hours as he may be free to leave his house—the hours, as a matter of fact, when the least interesting portion of the programme is being broadcast.

### Neglecting An Important Law.

And such a boy is, I believe, in the minority. The average boy regards wireless as a means of entertainment simply. He does not care twopence whether he is listening to Cardiff, or Paris, or Berlin, as long as what he hears amuses him. He is no more interested in the technique of the business than are 99 out of every 100 film-goers in the process by which moving pictures are projected on the screen in front of them.

That they should be so projected is, no doubt, remarkable; but unless they are projected amusingly, there is very little to it.

Of wireless, as of the cinema, the average boy who will do most of his listening during the holidays will buy a wireless set only if he thinks he will get more amusement from it than the other distractions which his money offers him.

In a world generously stocked with good intentions there is a tendency to neglect that most important of all laws, the law of supply and demand. On all sides people are trying to give us not what we want, but what they think we ought to want; particularly in matters of entertainment.

### Radio's Future Path.

In its early days the cinema was hailed rapturously as an unparalleled educational medium. But we chat away merrily while we are being shown by what process sardines are transported from the high seas to the breakfast table, and only transfer our attention to the screen when the swelling of the music proclaims the first part of a heart-gripping drama of social life.

In the same way, we are hearing a great deal of radio's educational potentialities. But there are not many of us who want to be instructed in our spare time. Certainly not the average schoolboy. He will switch off the moment he suspects that what he is hearing is for his instruction and not for his amusement. This is his spare time. He owes it to himself to enjoy himself. The future of radio, as of the film, lies along the path of entertainment.

### AIRCRAFT AND RADIO MESSAGES.

THE Postmaster-General's attention has been called to the fact that during the recent flight of the R.33, communication between the airship and the Croydon and Pulham Aerodromes was seriously impeded by oscillation from wireless receiving sets.

The consequences which might result from interference with communication with aircraft in danger are very grave; and the Postmaster-General warns the owners of wireless receiving sets that the use of reaction to such an extent as to cause interference is an offence which directly contravenes one of the conditions of their wireless licences, and renders the licence subject to withdrawal.

# My Ca'Canny Radio.

By Robert Magill.

I SUPPOSE you have noticed how suddenly some people can fall ill at awkward times. When I was in the Army, for example, I have known great hefty soldiers to suffer from all sorts of diseases when somebody wanted them to do a job like digging. It's the same with me. I'll get up sometimes feeling fit to swim the Channel, yet as soon as my wife tells me I'm supposed to go and visit her relatives, I come over all funny, and it's as much as I can do to crawl to bed and take beef-tea and grapes.

For some reason or other, my wireless is like that. When the ordinary musical programmes are on, it will be as good as gold, and on the infrequent occasions when something is broadcast that I don't like, it positively shouts at you. On the other hand, when we are expecting something special, it catches a cold and starts wheezing, or develops a click, or does just the same as the old soldiers I mentioned. It simply fades away.

### The Mocking Cuckoo.

All my sets have been the same. My first was a crystal set, and after we had had it a week, we intended to listen to the opening of Wembley on it. Five minutes before the hour, we settled ourselves comfortably, and I adjusted the cat's-whisker as daintily as an equestrienne poises herself on the back of her circus steed.

Nothing happened. We waited, with growing apprehension. Had it started yet? Suddenly I heard my neighbour's clock omit its hiccupping cuckoo. Still nothing. I looked at the set. The cat's-whisker, which was of a type soldered to the arm, had broken clean off.

By the time the taxi had been blocked two or three times in the traffic, and I had returned, the ceremony was finished. My wife, of course, said that it was my fault.

### Done On Purpose.

Another time I left the set in perfect order one Sunday afternoon for her to hear De Groot. I myself was going out that evening, but I did not. When she sat down to it, she couldn't make it work. Neither could I.

I spent three hours on that set. I tried it upside down, and sideways. Eventually, I retired, hurt. Yet next day my small daughter thought she'd like to hear the Children's Hour, and she got everything as clearly as though Uncle Rex was in the same room.

Since we progressed to valves, our set has been still more hypochondriac. I was proud of it in the beginning, and I mentioned it to Jones. I contend that I did *not* boast about it, as my wife suggests. I merely stated facts. Jones said he would like to hear it. And, of course, it was that night that two of the terminals got themselves mixed up, and the only programme we got was a blue flash, and a busted valve. I don't care what my wife says. It was not my fault. The set did it on purpose.

### Giving Up The Ghost.

It did something similar when we hoped to listen to the broadcasting of a first night recently. It waited until eleven p.m., and then the battery gave up the ghost. Now it had all the week to do this in, so why did it pick out that particular hour?

However, I am not going to leave *The Radio Times* open anywhere near the thing in future in case it finds out another special night, and lets me down. I shall discuss the matter in its hearing, and say how tired I am of wireless, and how I intend to go to the pictures that night instead. And then out of sheer cussedness, I expect it will sprain its condenser, trying to receive the signals before I connect anything up.



# Why Call It Wireless?

Amazing Facts and Figures. By P. P. ECKERSLEY.

HAVE you ever read those statistical articles in which you are told, among other things, that if you were to take all the loaves baked in London in one day and put them in a line, they would reach further than all the nails used to do up the packing-cases which contain the plush for sofas sold in Berlin?

Well, I've been commissioned to write just such an article, giving it a B.B.C. bias. It is, perhaps, not so uninteresting after all, and some facts and figures may tend to give you an idea of the rapid expansion that has taken place in the last two years.

### Circling the World.

They call it Wireless! I wonder if you have any idea as to how much wire is used so that you may all hear? In each wireless transmitter alone there are something like twenty miles of wire, and with twenty stations this amounts to 400 miles of wire for wireless; but this looks small when it is realized that we rent another 10,000 miles of land line from the Post Office, and in London alone, to link up outside broadcasts, we have over 300 miles. Amplifiers absorb several more miles, and, a Wireless Company, we might have enough wire to circle the world.

The London Control-room, recently described in this paper as the nerve centre of broadcasting, absorbs a few miles of wire alone, but to the owners of receiving sets the H.T. and L.T. problem may appear somewhat startling.

### A Central System.

It is proposed to use a central battery system, so that all the L.T. and the H.T. current will be supplied from two batteries. The low tension batteries will be 500 ampere-hour capacity, and if every amplifier were energised, between 50 and 100 amperes would be absorbed. The high-tension battery might have to discharge at over 2 amperes; a remarkable vacuum current. The usual dry cell would soon fail if it were asked to supply 300 or 400 watts (twice the power of a relay station) continuously, and we have therefore to use a 20 ampere-hour battery of 300 volts, which would be sufficient for a country-house lighting battery—and yet we only want it for H.T.!

The "leads" for the L.T. have to be made from  $\frac{1}{4}$ -inch copper rod to avoid serious voltage drop—rather different from those red and black twisted wires which feed your own filaments!

### A Big Valve Bill.

I daresay some people find their valve bill pretty heavy. Valve filaments don't last for ever, and the potential enjoyment of a concert is often shattered by "that black look" from a filamentless valve. Transmitting valves cost £20 on an average; they last 1,000 to 1,500 hours, and there are eight per station. Thus, it costs us £160 per 1,000 hours per station to keep our valves alone going, working out at a little

over 3s. an hour. It takes quite a few 7s. 6d. per year to pay for our seven hours' work (21s. in valves alone) per day. Nor are these the only valves, but it is easier and cheaper to build the amplifying valves for a few watts, so they last longer and cost less—the main expenditure is necessary for the big transmitting valves.

Some of the valves for the High Power station merit mention. Here, to avoid having to multiply the ordinary type, which can dissipate at maximum  $\frac{1}{2}$  to 1 kilowatt, we use a special type of water-cooled valve. Here the anode of copper is surrounded by a water jacket, and water is constantly caused to flow past the valves. Thirty gallons a minute are pumped past the valves to keep them cool, and at the anodes of these tubes something like a total of 50 kilowatts (over 65 H.P.) is dissipated. The power spent in these valves would be enough to run you at more than a mile a minute in a large limousine car!

### Wasted Power.

The power input from the mains to work all the stations is about 200 kilowatts, costing something like £1 an hour, or £2,500 per annum, a comparatively small figure, but it all mounts up. It is rather interesting to work out the efficiency. I have taken the average power received in an average aerial as 1 microwatt. Assuming  $1\frac{1}{2}$  millions of aerials, this means that listeners absorb 1.5 watts in all, the efficiency of the system from mains to listener being less than 1/2000 per cent. It behoves everybody in Britain to have a wireless set, when that efficiency would be raised (assuming 10,000,000 aerials) to 1/200 per cent. Of course, the efficiency of a wireless telephone transmitter from mains to radiated energy is only about  $1\frac{1}{2}$  per cent., so that we only radiate about 3 kilowatts.

If only we had enough aerials, we could absorb more energy than we transmit, but we haven't got as far as that yet. I leave my readers to solve the puzzle as to what would happen. Alas! we know the answer, so, perhaps, we don't want quite so many people to take out licences unless we are allowed to increase our power. At any rate, with enough aerials, we could have a distribution system of 100 per cent. Surely we have arrived at the possi-

bility of the distribution of power without wires! See also how much power is wasted in point to point communication, when a power of, perhaps, 10 K.W. is required in transmission and but .000000001 of a kilowatt received, efficiency—quite small! It's the number of receiving sets which makes it much better, of course.

Perhaps some of the most gratifying facts and figures are that the licensees number 1,300,000, and assuming four people per set, that we have a potential audience of over five millions. The B.B.C. staff is about 500 all told, so that we express our efficiency as 260,000 per cent. Surely, criticism must die!

### Making the Brain Reel.

Would you like some big figures before I close down? There are 30,000 hours of separate programmes per year, or 50,000 hours of emission from all the stations. The number of waves sent out from one station per hour can be got by multiplying the average 750,000 vibrations per second by 3,600, which is nearly 2,700 million waves per hour. With 50,000 hours of transmission per year, this makes about 135 million million waves per year. If we assume that the charge on an electron is  $1.6 \times 10^{-19}$  coulombs, then 60,000,000,000,000,000 electrons pass per second in one aerial, and assuming 10 amps. in an aerial, and—at any rate, quite a lot of electrons keep moving up and down all over the country obedient to our will; perhaps a million million million—

[Stop!—Ed.]

No! there's just one thing; the percentage of time of breakdown to total running time is less than one quarter of a per cent. I had to get that in!

[STOP!—Ed.]

By the way, there are still two people who haven't paid their licences—!

An interesting series of Talks is being given at Belfast on Monday evenings. Mr. Richmond Noble, an authority on Shakespeare's use of song, was responsible for the first two Talks on Elizabethan and Early Seventeenth-century Lyrics. The remaining Talks, on the Romantic Revival of Modern Lyrics, have been undertaken by Mr. Forest Reid.

\* The piano music of the last four hundred years will be illustrated by Mr. A. M. Henderson, Organist of Glasgow University, in a lecture recital at the Dundee Station on Friday, May 15th. He will play some of his selections on an old spinet loaned by the local museum.

\* The B.B.C. will broadcast the dedication ceremony of the new Central House of the Mothers' Union, in Westminster, which takes place at 3 p.m. on July 21st. The new institution will be the centre of the activities of the 428,000 members of the Mothers' Union.



Schoolmaster: "Now, Jones, what do you know about Iceland?"  
Jones (an enthusiastic listener): "Please, sir, it's where the depressions come from."

(Drawn by Alfred Leete.)

# THE CHILDREN'S CORNER.

NEWS FROM THE  
AUNTS AND UNCLES.

## Rambles at Leeds-Bradford.

ON Wednesdays Aunt Norah, of Leeds-Bradford, takes her listeners for country rambles, and sometimes for trips abroad. Once she even ventured into the air.

Then there is the Visitors' Day on Saturday, when all sorts of clever cousins come and play and sing and recite; and sometimes—a great treat—visitors come and have tea in the studio, and you can hear the clink of real teacups, and Uncle Bob betrays an unwarranted passion for chocolate biscuits.

The "Teens, too, must have one evening they specially look forward to. Is it Uncle Leo's talks on "The Fairyland of Science" or Auntie Doll on Shakespeare? Perhaps Uncle Max appeals to them with his chats on Music, or Uncle Thespis with his fascinating tales of the Drama.

## Glasgow's Doggie Circle.

There are now eight members of Glasgow's Doggie Circle who proudly sport the Radio Circle badges on their collars. Vic Campbell, a retriever, broadcast a bark to his friends a short time ago. Several were listening, and it is reported that Vic's announcement was heartily approved. The Doggie Circle promises to turn up in force for the children's picnic on the first Saturday in June. This will take place at Arrochar, on Loch Long.

## The Young Listeners' Concert.

At Manchester, on Saturday, May 16th, young listeners who belong to the Radio Circle are providing a broadcast concert. The majority of those taking part will be making their *début* before the microphone. The programme includes violin, 'cello, and piano solos and songs.

## "Pig" Conferences.

Uncle Leslie, of Hull, has just announced his intention of visiting Bournemouth in June to attend the first of a series of Pig Conferences.

The announcement of this conference has caused a great stir in Pig Circles throughout the country. There will be, no doubt, a great gathering of Pigs from all parts of England to hear the address which is to be given by the Chief of the Pig Clan, Uncle Rob, of "6BM." An open invitation is being extended to all Pigs, but, unfortunately, they will have to pay their own expenses.

## Nottingham's Good Example.

There are now nearly six thousand members of Nottingham's Radio Circle.

Eighty-five pounds has been provided for the installation of wireless for the entertainment of children in hospitals and other institutions.

## Fairy Frolics.

A very successful scheme at the Dundee Station is that of the "Fairy Frolics" held every Saturday afternoon. Alternate days are set aside for children under 10 and over 10, and the junior and the senior choirs trained by Aunty Betty are in full swing.

## The Radio Sunbeams.

Another large book has recently been added to the Records at Cardiff—"The Radio Sunbeam Book." The name may appear somewhat strange to those who have not heard about this Station's Radio Guild. Anyone who listens to Cardiff may join the Guild—it has many sections. However, it is something different to be a Radio Sunbeam. It is the title of all children who become members.

## Birthday Presents.

Among the many letters answered recently in the Birmingham Children's Corner was one in which a little boy who had been directed by the voice from the loud speaker to find a present on the stairs, said that he did not think the man in the loud speaker could possibly get out to put it on the stairs.

This habitual reference, at the parents' request, to the whereabouts of birthday presents

had an unforeseen and pathetic sequel a day or two ago when Uncle Edgar was asked if he could tell a child listener where to find a present. This brings out all too clearly that the children in many cases do not understand how their birthdays come to be known by their wireless Uncles and Aunts, and that in some cases, as in this, there is no one to supply the information or the gift.

## In Fairyland on Wednesday.

At the Birmingham Station, children are most interested in the activities in Fairyland on Wednesday evenings. On a recent Wednesday the Fairy Godmother and Mrs. Sadie Otis, an "American visitor," were so unfortunate as to fall into the clutches of the Bronze Dragon and the Troll, two formidable inhabitants of the underworld, whose activities on Wednesday evenings have become a source of great interest to Birmingham children; but, as Uncle Edgar is half a Fairy, we have every hope that a rescue will be effected soon.

## He Made a Mistake.

At the Edinburgh Children's Corner a regular feature is a Children's Party once a month. About 30 children are invited and all of them have to perform before the microphone. Some remarkable child singers have been discovered in this way, and also reciters, and these little concerts have proved immensely popular.

Before the performance itself, the children are entertained by the Aunties and Uncles to a sumptuous tea.

On one occasion a small boy, who was playing a pianoforte solo, was asked by Auntie Molly if he had brought his piece with him, to which he replied: "No, my father told me I would get my tea here."

For the benefit of English readers, it should be explained that the word "piece" in Scotch means "sandwich" or any form of meal which is carried and eaten outside.

## THE HIPPOS' CORNET CONTEST.

By LANGFORD REED.



His cheeks were distended like air balloons.

TALKING about the hippopotamus (which we weren't, but no matter), I daresay you have often wondered how this quaint creature comes to have such swollen cheeks and jaws, which make him look as though he

suffered from permanent gumboils.

Well, it is all on account of too much cornet-playing! No doubt you have heard of elephants trumpeting, but the noise is nothing to that made by hippopotami when engaged at their favourite amusement of playing the cornet. "Hippopotami," by the way, is the plural of "hippopotamus," and a very singular plural, too, for when we wish to denote the plural of most other words ending in "us" we simply add an "e" and an "s." Thus, you should never speak of "motor omnibi," or "croci"; "motor omnibuses" and "crocuses" are correct.

But to return to our story. When a couple

of hippopotami began practising the cornet in Jungletown, not only during the day, but at all hours of the night, the rest of the inhabitants, as you will readily understand, became very annoyed. One they could have managed to endure, but two were too many and, as the best way of abating the nuisance, it was resolved to hold a contest between the rivals, the winner to be allowed to continue his unmusical efforts, but the loser to take himself and his cornet back to Swampyville, where both hippos had originally come from.

All Jungletown gathered to witness the performance and a jury was formed of the leading inhabitants, under the direction of the Lion, to select the winner.

Horace, the elder hippo, was allowed to try first, but, although he puffed and blew out his cheeks, until it was a wonder they did not burst with a loud pop, not a sound came from his instrument and, finally, amid the laughter of the audience, he was led from the platform in a state of exhaustion, full of anger against his rival who, he felt convinced, had played a trick upon him.

The other hippo now mounted the platform with a look of triumph and, after making an elegant bow to the audience, took up a very conceited pose, placed his instrument to his lips, and blew.

But, strange to say, his efforts met with the same fate as his rival's, for, although he blew till he was purple in the face and his cheeks were distended like air balloons, his cornet remained as silent as a dumb gramophone record!

The sight was a most extraordinary one and the entire audience rolled about in laughter. Meanwhile, the two disconcerted musicians drew near one another on the platform and began a

heated argument, each accusing the other of tampering with his instrument. Before they could be prevented, they began a furious fight. Suddenly the platform gave way and the two huge, struggling creatures, locked in combat, crashed through the broken timbers to the ground. This sobered them and they were hauled out by the bigger animals in the audience and made to stand apart, while the Lion announced the decision of the jury.

## Why They Failed.

"We congratulate you both on your superb performances," said the King of Beasts with a sly smile. "You have proved that cornet-playing can be performed in peace and quietness and, providing you each agree to play with no more noise than you have made to-day, you will both be permitted to practise as much as you like in future. In other words, if you play aloud, you won't be allowed to play, but if you don't play aloud, you will," and the lion smiled self-consciously in enjoyment of his rather poor joke which drew appreciative giggles from the rest of the audience, who were anxious to stand well with him.

But the hippos saw no humour in the situation. In fact, they complained that they had been swindled and made such a disturbance that they were bundled out of Jungletown, then and there, and warned that if they returned, they would be severely dealt with.

I expect you are wondering what caused this remarkable fiasco. The culprit was a mischievous young monkey who had thought of a novel plan, not only to provide amusement, but to put an end to both nuisances at once. So he had contrived to get hold of the cornets before they were used and had wedged a cork up each!

### Dundee Programme.

2DE 331 M.

Week Beginning Sunday, May 3rd.

#### SUNDAY, May 3rd.

10.15-12.0.—MILITARY SUNDAY SERVICE, relayed from York Minster.  
4.0-6.30.—Programme S.B. from London.  
8.30-9.0.—Service conducted by the Rev. D. M. AUTY, B.D., of the Steeple Church (St. Clement's).  
9.0-10.45.—Programme S.B. from Glasgow.

#### MONDAY, May 4th.

3.0-4.30.—Concert. Women's Topics.  
5.20-5.55.—CHILDREN'S CORNER.  
6.40-11.0.—Programme S.B. from London.

#### TUESDAY, May 5th.

11.30-12.30.—Concert.  
3.30-4.30.—Kinnsaird Hall Picture House Orchestra.  
5.20-5.55.—CHILDREN'S CORNER.  
6.40-12.0.—Programme S.B. from London.

#### WEDNESDAY, May 6th.

3.0-4.30.—Concert. Women's Topics.  
5.20-5.55.—CHILDREN'S CORNER.  
6.40-8.0.—Programme S.B. from London.  
8.0-11.0.—Programme S.B. from Glasgow.

#### THURSDAY, May 7th.

3.30-4.30.—Kinnsaird Hall Picture House Orchestra.  
4.30-5.0.—Recital of New Gramophone Records.  
5.20-5.55.—Teens' Corner  
6.40-8.0.—Programme S.B. from London.  
8.0-11.30.—Programme S.B. from Glasgow.

#### FRIDAY, May 8th.

3.30-4.30.—Kinnsaird Hall Picture House Orchestra.  
5.20-5.55.—CHILDREN'S CORNER.  
6.40-7.40.—Programme S.B. from London.  
7.40.—Local Talk.

#### A Night With Coleridge-Taylor.

and NELLIE WATT (Contralto).  
10.30-11.0. ALEXANDER WEBSTER (Tenor).  
ARTHUR D. RIMMER (Solo Pianoforte).  
HENRY HOLLINGWORTH (Solo Violin).  
ORCHESTRA:  
Under the Direction of H. HOLLINGWORTH.  
Nellie Watt.

- Sorrow Songs ..... (5)
- "Oh, What Comes Over the Sea."
- "When I am Dead, My Dearest."
- "Unmindful of the Roses."
- "Too Late for Love."
- "Life and Death" ..... (5)
- "Big Lady Moon" ..... (9)
- Alexander Webster.
- "Onaway, Awake, Beloved" ("Hiawatha") ..... (46)
- "Eleanore" ..... (46)
- "Sweet Evenings Come and Go" ..... (46)
- "Until" ..... (68)
- "Great is He" ("Ulysses") ..... (46)
- Arthur D. Rimmer.
- Ballet Music ("Hiawatha") ..... (34)
- Scenes from an Imaginary Ballet ..... (34)
- Valse Bohémienne ..... (46)
- Valse Rustique ..... (46)
- Valse Mauresque ..... (46)
- Henry Hollingworth.
- Valse Caprice.
- Romance ..... (46)
- Orchestra.
- "Hiawatha" Suite ..... (34)
- Petite Suite de Concert ..... (34)
- "Othello" Suite ..... (44)
- Four Characteristic Waltzes ..... (46)

During the evening, excerpts of songs by the competitors and the adjudicator's remarks will be given from the Musical Festival at Caird Hall.

10.0-10.30.—Programme S.B. from London.

#### SATURDAY, May 9th.

3.0-4.30.—Concert. Women's Topics.  
5.20-5.55.—CHILDREN'S CORNER.  
6.40-7.40.—Programme S.B. from London.  
7.40.—2DE Sports Corner.  
8.0-10.0.—Programme S.B. from Aberdeen.  
10.0-12.0.—Programme S.B. from London.

5.15.—Children's Letters will be read on weekdays.

### Edinburgh Programme.

2EH 328 M.

Week Beginning Sunday, May 3rd.

#### SUNDAY, May 3rd.

10.15-12.0.—MILITARY SUNDAY SERVICE, relayed from York Minster.  
4.0-6.30.—Programme S.B. from London.  
8.30-9.0.—Religious Service: Conducted by the Rev. JAMES BLACK, D.D. Choir, under the Direction of Alfred Hollins.  
9.0-10.45.—Programme S.B. from Glasgow.

#### MONDAY, May 4th.

3.0-4.0.—The Station Pianoforte Trio.  
5.0-5.50.—CHILDREN'S CORNER.  
6.40-11.0.—Programme S.B. from London.

#### TUESDAY, May 5th.

11.30-12.30.—Gramophone Records.  
3.0-4.0.—The Station Pianoforte Trio.  
5.0-5.50.—CHILDREN'S CORNER.  
6.40-7.40.—Programme S.B. from London.  
7.40.—Prof. CHARLES SAROLEA, LL.D., Litt.D., Ph.D., on "The French Business Man."  
8.0-12.0.—Programme S.B. from London.

#### WEDNESDAY, May 6th.

2.30-3.30.—The Station Pianoforte Trio.  
3.30.—Talk to Schools: Mr. J. C. Smith, C.B.E., M.A., "Great Stories of the World."  
5.0-5.50.—CHILDREN'S CORNER.  
6.40-8.0.—Programme S.B. from London.  
8.0-10.0.—Programme S.B. from Glasgow.  
10.0-10.25.—Programme S.B. from London.  
10.25.—Mr. J. S. CHISHOLM, on "Horticulture." Local News.  
10.40-11.0.—Programme S.B. from London.  
11.0-12.0.—THE ROMANY REVELLERS, from the Dunedin Palais de Danse.

#### THURSDAY, May 7th.

11.30-12.30.—Gramophone Records.  
3.0-4.0.—The Station Pianoforte Trio.  
5.0-5.50.—CHILDREN'S CORNER.  
6.40-10.10.—Programme S.B. from London.  
10.10.—Miss ROSALINE MASSON: "Browning as I Knew Him" (Browning Anniversary). S.B. to all Stations.  
10.30-11.30.—Programme S.B. from London.

#### FRIDAY, May 8th.

2.30-3.30.—The Station Pianoforte Trio.  
3.30.—Talk to Schools: Prof. D. F. Tovey, Mus. Doc., "Music," with Illustrations.  
5.0-5.50.—CHILDREN'S CORNER.  
6.40-7.40.—Programme S.B. from London.  
7.40.—Mr. G. D. CRIGHTON, Chairman of the Edinburgh and District Radio Society.

#### Vocal and Instrumental.

MARION RICHARDSON (Mezzo-Soprano)  
D. MILLAR CRAIG and G. L. MARSHALL (Duets for Violoncello and Pianoforte).  
ALEXANDER MCCREDIE (Tenor).  
GEORGE JOHNSTONE (Flute).  
8.0. D. Millar Craig and G. L. Marshall. Variations Concertantes in D Major, Op. 17 Mendelssohn  
8.20. Alexander McCredie.  
"Where'er You Walk" ("Semele") Handel  
Lohengrin's Narrative ..... Wagner  
8.30. Marion Richardson.  
"Elégie" ..... Massenet  
"Love Song" ..... Hollman (57)  
"When All Was Young" ..... Gounod (D. Millar Craig: Cello Obbligato.)  
8.42. George Johnstone.  
"Romance" ..... German  
"Spanish Dance" }  
"Moss Roses" ..... Popp  
8.52. D. Millar Craig and G. L. Marshall. Adagio (Chorale) from Sonata for Cello and Pianoforte, Op. 58 ..... Mendelssohn  
9.0. Marion Richardson.  
"Seguedilla" ("Carmen")... Bizet (44)  
"Sea Wrack" ..... Hamilton Harty (9)  
"I Love the Moon" ..... Rubens (15)  
9.12. Alexander McCredie.  
"My Dearest Heart" ..... Sullivan (9)  
"Phyllis Has Such Charming Graces" arr. Lane Wilson (9)  
"The Low-Backed Car" ...arr. H. Hughes  
9.30. George Johnstone.  
Flute Concerto, No. 2 in D Major...Mozart  
(Continued in column 2, page 281.)

### Hull Programme.

6KH 335 M.

Week Beginning Sunday, May 3rd.

#### SUNDAY, May 3rd.

10.15-12.0.—MILITARY SUNDAY SERVICE, relayed from York Minster.  
4.0-6.30. } Programmes S.B. from London.  
8.30-10.45. }

#### MONDAY May 4th, and WEDNESDAY, May 6th.

3.0-3.30. } Music relayed from the Majestic Picture House.  
4.0-4.30. }  
3.30-4.0.—WOMEN'S HALF-HOUR.  
5.20-5.55.—CHILDREN'S CORNER.  
6.20-6.30.—Boy Scouts' Talk (Wednesday).  
6.40-11.0.—Programme S.B. from London.

#### TUESDAY, May 5th.

3.0-3.30. } Gramophone Records.  
4.0-4.30. }  
3.30-4.0.—WOMEN'S HALF-HOUR.  
5.20-5.55.—CHILDREN'S CORNER.  
6.20-6.30.—Hull Wireless Society Talk.  
6.40-12.0.—Programme S.B. from London.

#### THURSDAY, May 7th.

3.0-4.0.—Lecture on "Musical Appreciation" by Moses Baritz, with Gramophone Illustrations.  
4.0-4.30.—WOMEN'S HALF-HOUR.  
5.20-5.55.—CHILDREN'S CORNER.  
6.40-7.40.—Programme S.B. from London.  
7.40.—Mr. C. W. H. GLOSSOP: "Homebred Stock and Milk Ancestry."  
8.0-11.30.—Programme S.B. from London.

#### FRIDAY, May 8th.

3.0-3.30. } Music relayed from the Majestic Picture House.  
4.0-4.30. }  
3.30-4.0.—Transmission to Schools.  
4.30-5.0.—WOMEN'S HALF-HOUR.  
5.20-5.55.—CHILDREN'S CORNER.  
6.40-7.40.—Programme S.B. from London.  
7.40.—Mr. GUY BROWN: "West African Pidgin English."

#### Chiefly Solos and Duets.

MAUD OGLESBY (Soprano).  
DORIS SLEIGHT (Contralto).  
LEONARD ROBERTS (Baritone).  
HARRY SKERRITT (Tenor).  
PATTIE HALL (Solo Violin and Viola).  
BERNARD CARTEN (Humorist).  
JOHN BIRCH (East Riding Dialect Sketch).  
8.0. Leonard Roberts.  
Three Australian Bush Songs...W. S. James  
8.10. Maud Oglesby.  
"The Old Sweetie Shop".... Felix White  
"Titania Am I" ("Mignon")  
Ambrosio Thomas  
"Charming Chloe" ..... Edward German  
"A Summer Night" ..... Goring Thomas  
8.20. Pattie Hall.  
Violin Solos.  
Melodie ..... Gluck-Kreiser  
Canzonetta ..... L'Ambrosio  
Waltz in A Major .... Brahms-Hochstein  
8.30. Harry Skerritt.  
"Asra" ..... Ernest Newton  
"The Coming of a Dream" ..... Knight  
"Sigh No More, Ladies" ..... Aitkin  
8.40. Bernard Carten.  
In Selections from his Repertoire.  
8.50. Doris Sleight.  
"Where Corals Lie" ..... Edward Elgar  
"John" ..... Hermann Lohr  
"The Enchantress" ..... Hatton  
"Sea Moods" ..... Catford  
9.0. Leonard Roberts and Harry Skerritt.  
Duets { "The Lovers" ..... Lane Wilson  
"I Wish to Tune My Quivering Lyre" ..... Watson  
9.10. John Birch.  
"How Thirtlewhistle Diddled t' Gas Com mittee."  
9.20. Maud Oglesby and Doris Sleight.  
Duets { "Serenade" ..... Arrigo Boito  
"One Little Hour" ..... Sharps  
9.30. Leonard Roberts.  
"The Windmill" ..... Nelson  
"Coaling" ..... Helmore  
"Brian of Glenaar" ..... Graham  
9.40. Pattie Hall.  
Viola Solo, "Kol Nidrei" .. Max Bruch  
(Continued in column 2, page 281.)

# Some facts about Valve life

"I may say I have had a Cossor Detector Valve in use now for ten months, and to the best of my belief has given one thousand one hundred and forty-three hours reception, and I think everyone will have to admit that this valve is one of the best ever made."—H. G. PAULSON, Hope Road, Edale, via Sheffield.

"I wish to tell you how very pleased I am with your valves which give such satisfactory results. A valve I bought from you over a year ago is still going strong, though on occasions it has been used to test the units of my H.T. battery.

Last night, using a single reflex circuit, using the above-mentioned valve, I clearly received between 12.30 and 3 a.m. this morning part of the programmes from W.E.Z. and W.G.Y. This is the first time I have sat up to try and get America. I am delighted with my success, as I am only fifteen, and I attribute it to the Cossor Valve."—H. C. T. ALLEN, Ashford, King's Road, Sherbourne, Dorset.

"I bought two of your valves at the beginning of August, 1923, and after daily use I passed them over to a friend of mine a month ago, and he is getting absolutely perfect results from them. These valves have been constantly carried about in a case or pocket and on the carrier of a motor cycle, and have never once let me down. I should think that record is hard to beat."—HERBY M. CONROY, 61 Hale End, Liverpool.

"Exactly a twelvemonth ago, I purchased two of your Cossor Valves, a P.1. and P.2., for use in a reflex circuit, the S.T. 100.

They have been in use exactly 12 months at an average of six hours per night, Sundays included, until last night when the P.1. went out and will not light again. The 'Red Cap' is still on duty and functioning as well as ever.

I may add that I have the following Stations to their credit: all B.B.C. Stations, including Belfast, of course, Hull, Dundee, Swansea slag at good phone strength, Cardiff, Bournemouth, Newcastle, Chelmsford, at good loud speaker strength, and occasionally a few of the others, according to conditions prevailing at the time of reception. The total burning hours of your valves is as follows:—

- 6 hours per night (average)
- 42 .. .. week
- 2,184 hours for the 12 months

Thanking you as the indirect cause of my having spent so many pleasant hours at such little cost."—W. M. JENKINS, 21 Brookland Terrace, Naughton, near Bridgend, Glam.

"It may interest you to know that I am still using a Cossor P.1., No. R364, which I bought in February, 1923.

It was used practically every evening for 18 months and has been used on an average about one evening a week since that time (by the evening I mean all the time the London Station has been broadcasting).

I used it as a detector last night and received W.G.Y. just audible off detector only, but quite good off detector and two L.F. The first stage of amplification is also a Cossor P.1., which I have had for over a year."—J. W. HANNA, 12 Rapier Road, Wembley.

"I feel I should like you to know the result I am getting with Cossor Valves. I bought a P.1. just twelve months ago, and used it as a H.F. amplifier with crystal rectifier for about three months. I then converted it to a single valve and crystal dial and ran it like this until before last Christmas, when I bought another P.1. and converted the Set into the S.T. 100 circuit.

As I use the Set at least 100 hours per month the first valve has given 1,200 hours' service already, and is still going strong, but I suppose I cannot expect it to last a great deal longer."—L. FELLOWS, Garston, Watford.

"In the beginning of October, 1923, I built the S.T. 100 circuit and purchased two of your valves. Since that time they have been in use practically every evening for about 3½ to 4 hours, say, on an average of at least 25 hours per week, and sometimes they have been used at other than broadcasting times for experimental purposes. This makes over 1,000 hours' work, with a 6-volt accumulator and over 100 volts on the plate. I have mentioned this fact to several of my radio friends and they have been very much surprised at the long life."—WALTER RANKIN, 3 Barbara Street, Barnbury, N.

"I have had in (practically) continuous use for nearly fifteen months (i.e. the customary 2 or 3 hours on most nights) two Cossor P.1. Valves which I am still using. Rightly or wrongly I am inclined to think their performance is exceptionally good at any rate, if not somewhat remarkable.

I shall be glad to know if the life mentioned has been equalled or better in ordinary use (not laboratory tests) to your knowledge."—W. CLEGG, "The Laurels," Clytha Park, New Moa.

"I have noticed that in the issue of the 'Radio Times' several letters appear testifying to the excellence of Cossor Valves. I should like to mention that on January 3rd, 1923, I purchased a Set with two of your valves. These valves have been in use ever since, and have given me excellent results. I have now had them in use for over 12 months."—LEONARD R. LEWIS, "St. Helena," 134 Ongar Road, Brentwood.

"In September, 1923, I purchased a P.1. Cossor Valve, and it has given me such good service until today. The question has never been asked by the B.C. Office as to the life of the valve. I have received others of your valves, but I, as a collector, am not interested in them."—J. HARRIS, Stepney, London.

"In April, 1923, I purchased a Two-valve Set and Two-valve Amplifier, each fitted with Cossor Valves. These have been in regular use ever since, averaging 12 hours weekly. They perform as well now as at the start of their life, and as this is over 1,000 hours, it is really a wonderful career."—J. COONILL, 23 Sandford Avenue, Wood Green, N.

"Items in the New York programme included the songs 'Fair moon to thee, I sing,' from Sullivan's 'H.M.S. Pinafore,' and 'If I built a world for you.' A lecture given by a University gentleman was also very distinct. The lecture was announced to begin at 8.15 (New York time) and was still proceeding when I retired to bed at 2 a.m.

I regard the foregoing as a rather remarkable achievement, being obtained with a one-valve home-made Set, and the valve a Cossor P.1. This valve I bought on May 19th last, and it has been in continual use daily since, and is still going strong."—H. S. JOHNSON, 13 Emery Street, Cambridge.

"I should just like to drop you a line to inform you that in June of 1923 I purchased two of your Bright Emitter Receiving Valves, and that both since had over 4 hours per day, and about 12 hours on week-end, for continuous use and are still giving satisfaction.

For some time they were used in a transmitter with 5 v. filaments, and 600 A.C. plate passing about 8 to 9 amps in the aerial. (No valves). Such should I think commendation for only add my thanks."—G. E. DAVENANT, Head, Streatham, S.W.

"I know that with the two valves using, seeing I missed a concert in August, January 17th, 1925, they were strong and have given me all kinds of circuits, the but work well on all kinds of circuits."—G. E. DAVENANT, Head, Streatham, S.W.

"In reference to the letters printed in the Radio Mail in 'Radio Times' on April 3rd, headed 'How long should Cossors last?' I think the valves I have in use now are the longest running Cossors I have ever known.

I purchased two from Mr. F. Mole, 107 Boundary Road, Leyton, in October, 1923. Same have been in use for 23 hours (at least) on a Three-valve Set per week, thus making the total working hours approximately 1,900 and same are still going strong. I have been experimenting with wireless for over four years, and this, I think, is beating all records."—H. J. MANSION, 'The Limes,' 4 Royston Avenue, South Chingford, E.4.

"I think it only right to testify to the excellence of your valves, more particularly, as far as I am concerned, the P.1. On the 1st December, 1923, I purchased two of these valves and they have been going strong ever since, and are functioning well now.

They have been in use on an average 2½ hours per day from date of purchase which brings present life up to nearly 1,000 hours. How long they will last I cannot say—perhaps you can estimate!"—G. H. HASKER, 9 Galliard Road, Lower Edmonton, London, N.

"Thinking it might be of interest to you, I should like to congratulate you on the quality and durability of your Bright Emitter Valves. I have had in use (on an average of 14 hours per week) for twelve months three of your valves (my Set being a three-valve one), and can say without doubt they are as good to-day as when I first purchased them on March 7th, 1924. I can without difficulty tune in all the British Stations and most of the Continental, and have picked up America direct with great clearness.

When I tell my friends the length of time I have had your valves in use, they can scarcely credit it, knowing the short length of life some other makes possess."—FRED. R. TOTTELL, Richmond House, Old Tiverton Road, Exeter.

"I have noticed that in the current issue of the 'Radio Times' several letters appear testifying to the excellence of Cossor Valves. I should like to state that on February 3rd, 1923, I purchased a Wireless Set with two P.1. Cossor Valves. These valves have been functioning excellently ever since, and I have now had well over 2,000 hours of use out of them. Is this a record (24 months)?"—LEONARD R. LEWIS, "St. Helena," 134 Ongar Road, Brentwood.

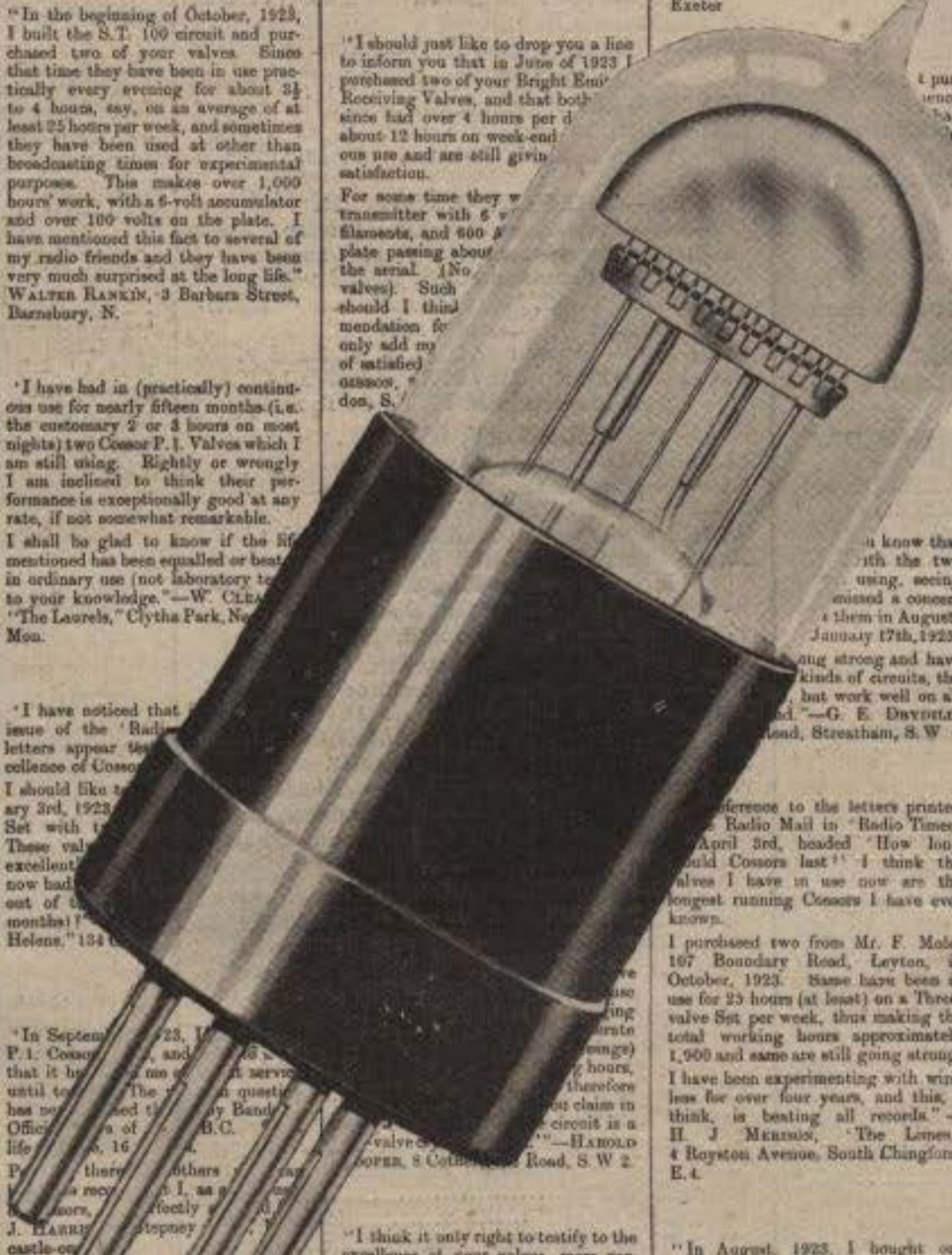
"It is with great pleasure that I write to you on a matter which I think will interest you. On March 7th, 1924, I purchased two ordinary P.1. Bright Emitters from a local dealer and they have been in constant use (7 days per week) the whole twelve months, and now they are as good as new."—E. T. BLACKBURN, 3 Landgate Square, Eye, Sussex.

"About this time a year ago, I purchased a Cossor High Frequency Valve without any advice, for I had sought none, but merely owing to the outstanding reputation of your firm. I feel that it is my duty to inform you of some of the excellent results which I have obtained from the above-mentioned valve. Employing the usual one-valve detector circuit, I have received concerts from every Station of the B.B.C. in Great Britain at almost loud speaker strength, and absolutely free from any trace of distortion."—C. A. FLEMING, 161 Ramden Road, Baltham, S.W.12.

"For some time they were used on a transmitter with 6 volts full on the filaments, and 600 A.C. volts on the plate passing about 8 to 9 amps in the aerial. (No effect whatever on valves). Such a severe test as this should I think be sufficient recommendation for anybody, and I can only add my name to your large list of satisfied customers."—L. H. FRIZZELL, 38 Trewiner Road, Wimbledon, S.W.20.

"In July, 1923, I bought one of your P.1. Valves which has been used ever since in a one-valve Dual Set. According to my log, same had up to last November completed 1,500 hours use, and since that time has been used as a stage of L.F. your P.2. taking its place, and is still giving full amplification. On this one valve I had logged just over 100 telephony stations, including seven American."—C. R. POSTING, 11 Woolcott Street, Redland, Bristol.

"I should estimate the three valves I first bought have done 1,800 hours, two of them still working excellently, not to say anything of the one I purchased last year. I should imagine for the life of a valve this is putting up a record."—W. D. URBAN, 9 Achilles Road, West Hampstead, N.W.6.



—now you'll choose the Cossor

**Leeds—Bradford Programme.**

2LS 346 M. 310 M.

Week Beginning Sunday, May 3rd.

**SUNDAY, May 3rd.**

10.15-12.0 (approx.)—MILITARY SUNDAY SERVICE, relayed from York Minster. S.B. to all Stations.  
 4.0-6.30.—Programme S.B. from London.  
 8.15-9.0.—Service relayed from Holy Trinity Church.  
 9.0-10.45.—Programme S.B. from London.

**MONDAY, May 4th.**

11.30-12.30.—Gramophone Records.  
 2.45-3.45.—The Station Trio.  
 5.30-6.10.—CHILDREN'S CORNER.  
 6.15-6.30.—"Teens' Corner."  
 6.40-11.0.—Programme S.B. from London.

**TUESDAY, May 5th.**

11.30-12.30.—Gramophone Records.  
 2.30-4.0.—Isaac Freedman and his Orchestra, relayed from the Theatre Royal Picture House, Bradford.  
 4.45-5.15.—WOMEN'S HALF-HOUR.  
 5.30-6.10.—CHILDREN'S CORNER.  
 6.15-6.30.—"Teens' Corner."  
 6.40-7.40.—Programme S.B. from London.  
 7.40.—Mr. KOLIN ROBERTSON, "A Chat on Golf."  
 8.0-12.0.—Programme S.B. from London.

**WEDNESDAY, May 6th.**

11.30-12.30.—Gramophone Records.  
 3.30-4.30.—Signor Calamani and his Orchestra, relayed from the Scala Theatre, Leeds.  
 5.30-6.10.—CHILDREN'S CORNER.  
 6.15-6.30.—"Teens' Corner."  
 6.40-7.40.—Programme S.B. from London.  
 7.40.—"On My Anvil," by the Smilesmith.  
 8.0-11.0.—Programme S.B. from London.

**THURSDAY, May 7th.**

11.30-12.30.—Gramophone Records.  
 2.30-4.0.—Isaac Freedman and his Orchestra.  
 4.45-5.15.—WOMEN'S HALF-HOUR.  
 5.30-6.10.—CHILDREN'S CORNER.  
 6.15-6.30.—"Teens' Corner."  
 6.40-7.40.—Programme S.B. from London.  
 7.40.—Scouts' Corner: Band of the 4th North Leeds Troop.  
 8.0-11.30.—Programme S.B. from London.

**FRIDAY, May 8th.**

11.30-12.30.—Gramophone Records.  
 3.30-4.0.—Talk to Local Schools.  
 4.0-5.0.—Signor Calamani and his Orchestra.  
 5.30-6.10.—CHILDREN'S CORNER.  
 6.15-6.30.—"Teens' Corner."  
 6.40-8.0.—Programme S.B. from London.

**A Popular Evening With the Classics.**

Arranged and Introduced by  
 Mrs. GRAHAM ELDRIDGE, L.R.A.M.  
 VENA CHAMBERLAIN (Soprano).  
 JAMES CUNNINGHAM (Baritone).  
 PHYLLIS THORNTON (Violin).  
 Mrs. GRAHAM ELDRIDGE (Solo Pianoforte).

H. CLIFFORD ROBINSON  
 (Organ and Piano).

- 8.0. H. Clifford Robinson and Mrs. Graham Eldridge.  
 March from "The Queen of Sheba" Gounod
- 8.5. Mrs. Graham Eldridge.  
 Three Quaint Dances ..... Handel  
 James Cunningham.  
 "Light" (with Violin and Organ)  
 Obbligato) ..... Handel  
 "Droop Not, Young Lover" .....
- 9.20. Phyllis Thornton and H. Clifford Robinson.  
 Sonata, Op. 8 ..... Grieg  
 Vena Chamberlain.  
 "The Tryst" .. } ..... Grieg  
 "Solveig's Song" .. }  
 "The Lass With the Delicate Air" .. Arne
- 8.50. Mrs. Graham Eldridge.  
 "March Grotesque" ..... Sinding  
 "Causerie" ..... Granvold  
 James Cunningham.
- 9.0. "A Litany" ..... Schubert  
 "The Erl-King" ..... Schubert
- 9.10. Phyllis Thornton.  
 Slavonic Dance ..... Dvorak-Kreisler (57)  
 Scherzo-Tarantelle ..... Wieniawski  
 (Continued in column 3, page 281.)

**Brown**

LOUD SPEAKERS AND HEADPHONES



Brown Users No. 2.

The "young idea" looks to its equipment too!

HALF the boy's pleasure in Radio comes from the knowledge that here, at least, he and his father can compete on level terms. Wireless is so fascinating and calls into play so much of the ingenuity inherent in every boy that our schools are turning out tens of thousands of budding wireless experts every year.

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Greatly increased demand for those super-sensitive Headphones by Crystal users striving for long distance reception permits us to make an important reduction in price. At their new prices the Brown A-type Headphone offers wonderful value for money.

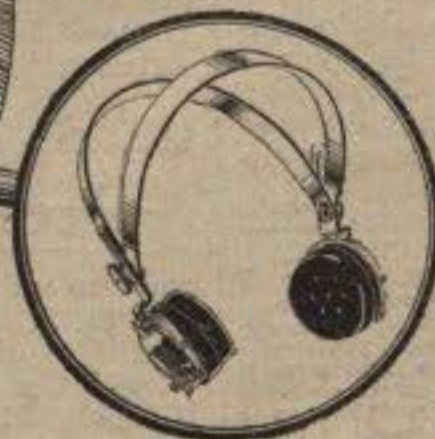
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 2,000 ohms } 50/-  
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 8,000 ohms ... 60/-

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Brown Q-type Loud Speaker.



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## 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 free copy of "The Efficient Mind."

This book shows you how that world-famous system of scientific mind-training known as Pelmanism is enabling thousands of men and women to increase their Earning-Power, to win Promotion to higher positions and to double their Personal Efficiency.

One of the secrets 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, continuously and creatively.

From the time he rises in the morning to the time he retires at night, many hundreds of wandering 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.

But the mind trained by Pelmanism to think on constructive lines, 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 anyone else can do it, better than it has ever been 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:—

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 L. G. Chiozza-Money	Dr. Ethel Smyth
Mr. Jerome K. Jerome	Sir H. Rider Haggard
The Baroness Orczy	Maj.-Gen. Sir F. Maurice

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

Pelmanism enables you to think constructively. Write to-day to the Pelman Institute, 95, Pelman House, Bloomsbury Street, London, W.C.1, for a copy of "The Efficient Mind." It will be sent gratis to everyone who writes for it to-day.

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Readers wishing to add to their acquirements a knowledge of French, German or Spanish should send for particulars of the New Pelman Method of Learning Foreign Languages which is revolutionising the teaching of languages in this country. It is the quickest and easiest way of learning to read, write and speak French, German or Spanish. Write for free particulars to-day to the Pelman Language Institute, 95, Bloomsbury Mansions, Hart Street, London, W.C.1.



## Don't Be a Slave of the Machine!

THIS has nothing to do with Engineering. It has to do with LIFE: your life, my life, everybody'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 customs, 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 threatens 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 clutched us in its cogs; our Individuality has been surrendered to Routine; we have lost our Initiative, our Freedom of Choice; 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 great 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-deadening 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 Powers), and to become the capable masters of the machine instead of its habit-enchained 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, OBSERVATION, 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 promotion to positions giving greater scope and wider possibilities.

"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 300% greater and my position one of responsibility and trust, as against one of subserviency."

Writes a CASHIER.

Practise Pelmanism for 15 minutes or 30 minutes a day and you will be astounded at the results. No hard study is required. The "Little Grey Books" are the most fascinating and handy publications imaginable. You can carry them in your pocket and study them at odd moments. Pelmanism gives you just that light, pleasant, scientific mental training which fits in so well with evening work (after business hours), when more arduous studies are apt to be distasteful, a training which will bring you in rich rewards in the months to come.

Call or write for a copy of "The Efficient Mind," which tells you all about Pelmanism and how you can enrol for the Course on the most convenient terms. Fill up the coupon printed below and post it to the Pelman Institute, 95, Pelman House, Bloomsbury Street, London, W.C.1, and this book will be sent you by return, GRATIS AND POST FREE.

Readers who would like to call at the Institute and see the Consultant are heartily invited to do so. The Consultant will be very pleased to have a talk with them on any matter affecting their personal efficiency, and no fee will be charged for his advice.

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London, W.C.1

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**Liverpool Programme.**

6LV 315 M.

Week Beginning Sunday, May 3rd.

**SUNDAY, May 3rd.**

10.15-12.0.—MILITARY SUNDAY SERVICE, relayed from York Minster.  
 4.0-6.30.—Programme S.B. from London.  
 8.30-9.0.—Religious Service from Studio.  
 9.0-10.45.—Programme S.B. from London.

**MON., May 4th, and WED., May 6th.**

11.0-12.0.—Mid-day Concert.  
 3.30-4.30.—Musical Lecture by Moses Baritz (Monday).  
 The Station String Quartet (Wednesday).  
 5.55-6.25.—CHILDREN'S CORNER.  
 8.25.—Teens' Corner.  
 8.40-11.0.—Programme S.B. from London.

**TUES., May 5th, and THURS., May 7th.**

3.30-4.0.—WOMEN'S HALF-HOUR.  
 4.0-5.0.—The "State Brighter Liverpool" Band, relayed from the Scala Café (Tuesday).  
 Gaillard and his Orchestra, relayed from the Scala Cinema (Thursday).  
 5.55-6.25.—CHILDREN'S CORNER.  
 6.25.—Teens' Corner.  
 6.40 onwards.—Programme S.B. from London.

**FRIDAY, May 8th.**

3.15-3.45.—Transmission for Schools.  
 4.0-5.0.—The Station Pianoforte Quartet.  
 5.55-6.25.—CHILDREN'S CORNER.  
 6.25.—Teens' Corner.  
 6.40-7.40.—Programme S.B. from London.  
 7.40.—Mr. J. PEARCE on "The Growth of the City."

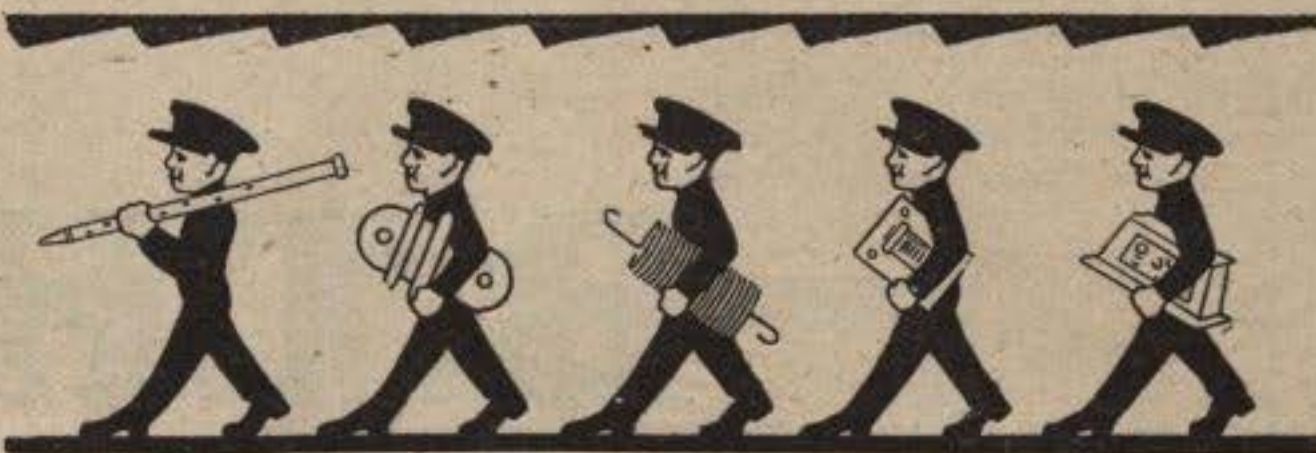
**Military Band Night.**

THE BAND OF THE LIVERPOOL CITY POLICE.  
 (By kind permission of the Watch Committee and the Chief Constable, Francis Caldwell, M.V.O., O.B.E.)  
 Under the Direction of CHARLES R. BICKS, Ch. Insp., Bandmaster.  
 GLADYS SWEENEY (Soprano).  
 L. T. WHIPP (Entertainer).  
 Band.

- 8.0. Overture, "Di Ballo" .....Sullivan (15)
- "Folk Song Suite" ...Vaughan Williams (9)
- 8.30. Gladys Sweeney.
- "Oh, Yes, Just So" ("Phœbus and Pan") Bach
- "The Swallows" .....Coven (9)
- "The Wind on the Wheat" M. Phillips (15)
- 8.40. Band.
- Fantasia from "Merrie England" German (15)
- "Salut d'Amour" .....Elgar (57)
- 9.0. L. T. Whipp.
- "Nomination Day" .....Waugh
- 9.10. Band.
- Fantasia No. 2 from "Maritana" Wallace
- 9.30. Gladys Sweeney.
- "The Lass With the Delicate Air" .....Arne
- "Cherry Ripe" .....Horn
- "Sing, Sing, Blackbird" .....(15)
- 9.40. Band.
- Cornet Solo, "The Lost Chord" Sullivan (9)
- (Const. CROSCAN.)
- "Two Parisian Sketches" ....Fletcher (34)
- 10.0-10.25.—Programme S.B. from London.
- Local News.
- 10.30. L. T. Whipp.
- "Teddy's Trombone" .....Sam Fitton
- 10.40. Band.
- Selection of Wilfred Sanderson's Popular Songs .....arr. Ord Hume (9)
- 11.0.—Close down.

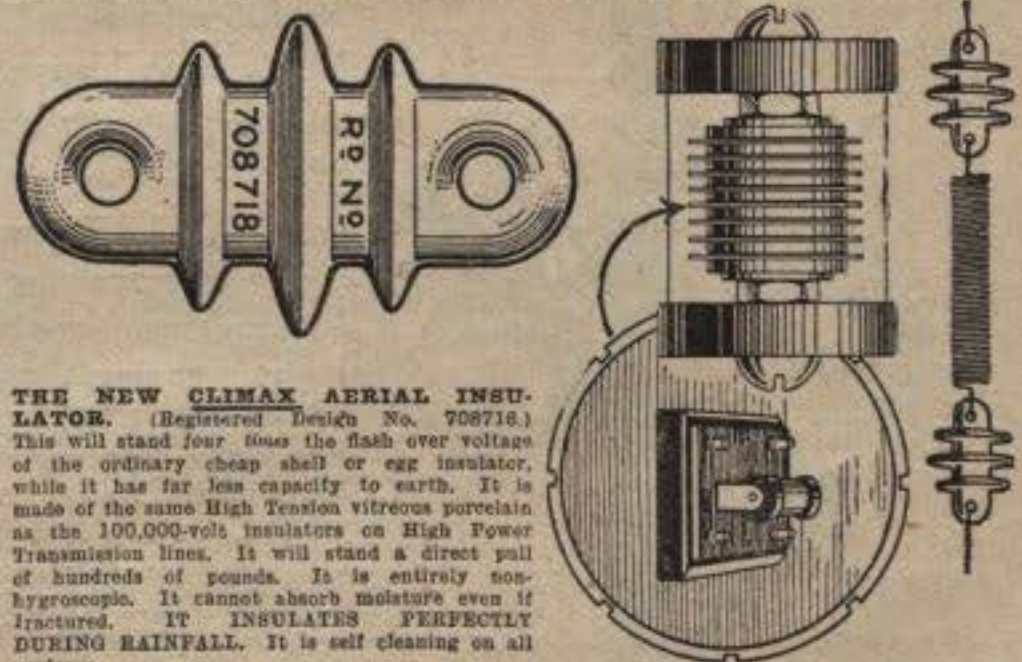
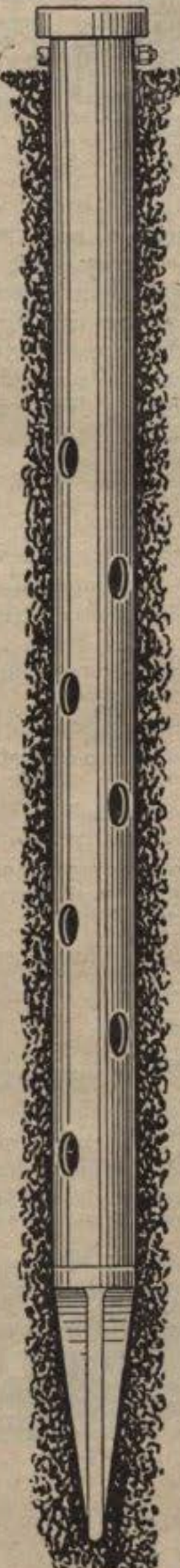
**SATURDAY, May 9th.**

3.0-4.0.—Mr. Ellingford's Organ Recital, relayed from St. George's Hall.  
 5.55-6.25.—CHILDREN'S CORNER.  
 6.25.—Teens' Corner.  
 6.40-12.0.—Programme S.B. from London.  
 6.45.—Children's Letters will be read on every weekday.



# Steps of Progress

Every little bit of energy saved makes a world of difference to your reception. The Climax Radio Earth, Insulators and Shock Absorbers save big bits of energy and cut out the chief weaknesses in present-day wireless installations. THE CLIMAX RADIO EARTH—the low-loss DIRECT TUBULAR EARTH. Far better than the old-fashioned water-pipe or gas-pipe earth. Ready for use. Easily fitted. Maximum efficiency. Length, approx. 30ins. Price 5/-.  
 Climax Insulated Low-loss Earth Lead, 20ft., 1/3.



**THE NEW CLIMAX AERIAL INSULATOR.** (Registered Design No. 708718.) This will stand four times the flash over voltage of the ordinary cheap shell or egg insulator, while it has far less capacity to earth. It is made of the same High Tension vitreous porcelain as the 100,000-volt insulators on High Power Transmission lines. It will stand a direct pull of hundreds of pounds. It is entirely non-hygroscopic. It cannot absorb moisture even if fractured. IT INSULATES PERFECTLY DURING RAINFALL. It is self cleaning on all surfaces.  
 Price per pair 1/-. Set of four insulators with two shock absorbers, 3/-.  
**THE CLIMAX JUNIOR CRYSTAL SET DE LUKE.** A very attractive crystal set in a small, beautifully finished mahogany case, carrying a brilliantly polished panel with silver finished fittings. The detector is the well-known Climax Sure-set Plug-in detector, fitted with micrometer adjustment. This detector can be set quickly and easily, and is very stable when set. It has all the advantages of a permanent detector, with the advantage that you can adjust it. The miniature switch enables the wave length to be changed over to Chelmsford without using any loading coils.  
 Tuning is by variometer, and is very sharp and efficient. When not in use, the aerial can be switched direct to earth. Price 21/-.  
 The highest possible grade of crystal set at the lowest possible price.

**THE CLIMAX LIGHTNING ARRESTER.** Made on the multi-gap, quenched spark principle. Provides atmospheric space charges and lightning discharges with a straight path to earth of very low reluctance. Protects the set whether in use or not. NO SWITCHES NECESSARY. The mica insulating discs and series multiple gaps ensure complete absence of shunting effect, leaving your signals at maximum strength. Equipped with a Climax Lightning Arrester, an aerial is a positive protection against lightning, instead of being a source of danger. Price 7/6, complete, ready to fix.



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 Every Climax product is clearly marked with the name "Climax." In case of difficulty, or if substitutes are offered you, send your order direct to us, together with P.O., and we will send the goods by return.

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# B.T.H. Headphones

**W**E couldn't improve the technical qualities of B.T.H. Headphones. They were and are perfect in tone, clarity and volume. We have, however, embodied a great many constructional improvements in the latest pattern, which make it the most comfortable and convenient instrument of its kind. Here are some of the more important features of the new B.T.H. Headphones:—

Weight, with cord, only 9½ ozs.

No hair-catching projections.

No "scissors" movement of headbands.

Adjustable to any head by a single movement, without the manipulation of screws or nuts.

No screws or nuts employed in construction, and therefore nothing to work loose.

Minimum number of separate parts.

Body of ear-piece made of non-resonating material.

Diaphragm rigidly clamped around periphery between surfaces of non-resonating material.

Permanent magnets are really permanent and are not affected by lapse of time or external changes of polarity.

**B.T.H. Headphones are unequalled for sensitiveness, volume, comfort and appearance.**

**Price 20/- per pair**

(4,000 ohms.)

*Obtainable from all  
Electricians & Radio Dealers*

Advertisement of The British Thomson-Houston Co. Ltd.  
Crown House, Aldwych, London, W.C.2





**Nottingham Programme.**

5NG 326 M.

Week Beginning Sunday, May 3rd.

**SUNDAY, May 3rd.**

10.15-12.0.—MILITARY SUNDAY SERVICE, relayed from York Minster.  
4.0-6.30. } Programmes S.B. from London.  
8.30-10.45. }

**MONDAY, May 4th.**

11.30-12.30.—Pianola Recital.  
3.30-4.30.—The Scala Picture Theatre Orchestra. Musical Director, Andrew James.  
4.30-5.0.—WOMEN'S TOPICS.  
5.15-5.45.—CHILDREN'S CORNER.  
6.0.—Teens' Corner. 6.20.—Station Topics.  
6.40-7.40.—Programme S.B. from London.  
7.40.—Mr. E. L. GUILFORD, M.A., "May Time Festivities."  
8.0-11.0.—Programme S.B. from London.

**TUESDAY, May 5th.**

11.30-12.30.—Gramophone Records.  
3.30-4.30.—Lyons' Café Orchestra. Conductor, Brassey Eyton.  
4.30-5.0.—WOMEN'S TOPICS.  
5.15-5.45.—CHILDREN'S CORNER.  
6.40-7.40.—Programme S.B. from London.  
7.40.—Mr. STACEY BLAKE. "Motor Camping."  
8.0-12.0.—Programme S.B. from London.

**WEDNESDAY, May 6th.**

11.30-12.30.—Pianola and Gramophone Records.  
3.30-4.30.—Lyons' Café Orchestra.  
4.30-5.0.—WOMEN'S TOPICS.  
5.15-5.45.—CHILDREN'S CORNER.  
6.20-6.35.—"Teens' Corner."  
6.40-10.10.—Programme S.B. from London.  
10.10.—Prof. R. PEERS, M.C., M.A., "The Elements of Social Well-Being—(2) Wealth and Well-Being." Followed by Discussion in the Studio. S.B. to all Stations. Local News.  
10.35-11.0.—Programme S.B. from London.  
11.0-11.30.—THE SAVANNAH BAND, relayed from the Palais de Danse.

**THURSDAY, May 7th.**

11.30-12.30.—Pianola Recital.  
3.25-3.45.—Transmission to Schools: Mr. S. E. Baynes-Smith, "Pond Life."  
3.45-4.45.—Scala Picture Theatre Orchestra.  
5.15-5.45.—CHILDREN'S CORNER.  
6.0.—Scouts' Corner. 6.20.—"Teens' Corner."  
6.40-11.30.—Programme S.B. from London.

**FRIDAY, May 8th.**

11.30-12.30.—Gramophone Records.  
3.30-4.30.—Lyons' Café Orchestra.  
4.30-5.0.—WOMEN'S TOPICS.  
5.15-5.45.—CHILDREN'S CORNER.  
6.20-6.35.—"Teens' Corner."  
6.40-7.40.—Programme S.B. from London.  
7.40.—Mr. N. DENHOLM DAVIS, "Famous Men of Nottinghamshire—(1) Richard Parkes Bonnington."

**A Spring Night.**

ETHEL KIDDIER (Soprano),  
ALBERT HALL (Tenor),  
MARK MELLERS (Baritone),  
JIMMY LOFT (Humorist).

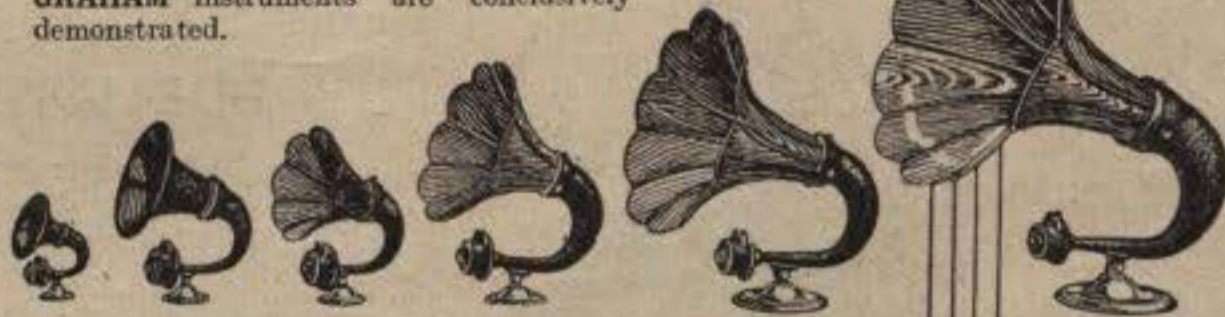
S.O. Albert Hall.  
"Here in the Quiet Hills" *Gerald Carne* (15)  
"My Dreams".....*Tosti* (15)  
"When the House is Asleep"  
    *E. Stanford Haigh* (61)  
Ethel Kiddier and Mark Mellers.  
Duet, "Where the Chestnuts Bloom"  
    *E. Newton* (31)  
Jimmy Loft.  
Songs and Entertaining Items,  
Ethel Kiddier.  
"A May Morning".....*L. Denza* (15)  
"The Swallows".....*F. H. Cowen* (9)  
"O Flower Divine"....*Haydn Wood* (15)  
    Mark Mellers.  
"Serenade".....*Schubert*  
"I Am a Roamer".....*Mendelssohn*  
    Albert Hall.  
"Your Tiny Hand is Frozen" *Puccini* (56)  
"I'll Sing Thee Songs of Araby" *F. Clay* (15)  
(Continued in column 3, page 281.)

BRITISH WAR FLEET



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Loud Speaking Telephone Apparatus manufactured by THE HOUSE OF GRAHAM is used throughout the British Navy and adopted by many Foreign Governments, as also by leading Shipping Companies in all quarters of the Globe. With over thirty years pre-eminence in every field of Loud Speaker application, the utility, technical efficiency, and reliability of GRAHAM instruments are conclusively demonstrated.



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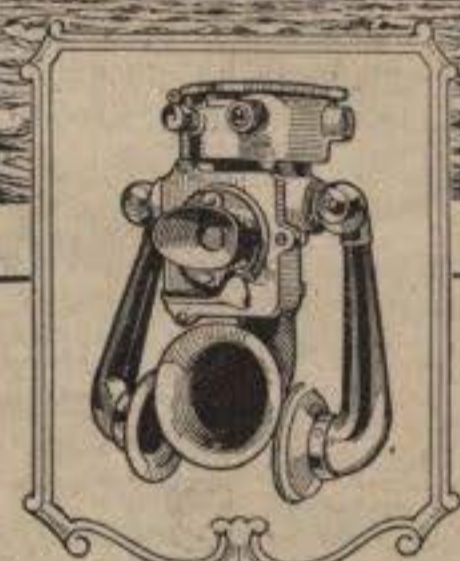
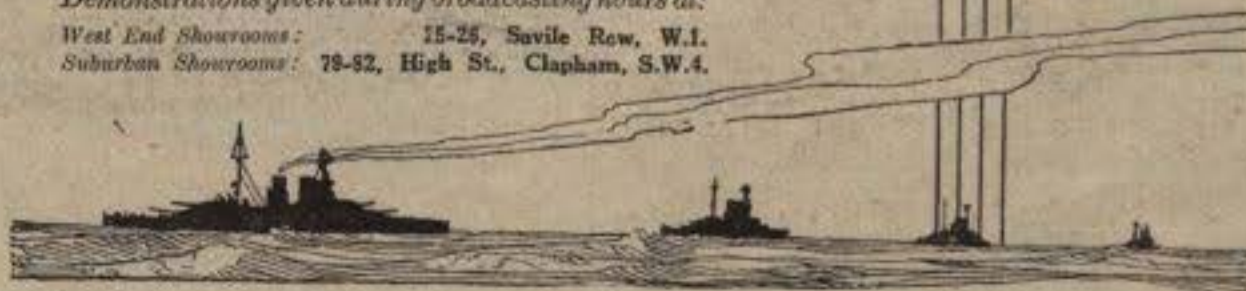
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**Plymouth Programme.**

5 PY 338 M.

Week Beginning Sunday, May 3rd.

SUNDAY, May 3rd.

10.15-12.0.—MILITARY SUNDAY SERVICE, relayed from York Minster.

4.0-6.30. } Programmes S.B. from London.  
8.30-10.45 }

MON., May 4th, and WED., May 6th.

11.30-12.30.—Gramophone Records.

3.30-4.30.—Ernest Manning and his Orchestra, relayed from the New Palladium Cinema.

5.0-5.30.—WOMEN'S TOPICS.

5.30-6.25.—CHILDREN'S CORNER.

7.40.—Mr. ERIC J. PATTERSON, M.A. (Cantab), "Adult Education in the South-West of England" (Second Series). (Wednesday.)

6.40 onwards.—Programme S.B. from London.

11.0-11.30.—Experimental Transmission for Amateurs. (Monday.)

"THE EXMOUTH DANCE ORCHESTRA."

TUESDAY, May 5th.

3.30-4.30.—Ernest Manning and his Orchestra.

5.0-5.30.—WOMEN'S TOPICS.

5.30-6.25.—CHILDREN'S CORNER.

6.30.—Boy Scouts' Bulletin.

6.40-12.0.—Programme S.B. from London.

THURS., May 7th, and SAT., May 9th.

4.0-5.0.—Albert Fullbrook and his Trio, relayed from the Royal Hotel.

5.0-5.30.—WOMEN'S TOPICS.

5.30-6.25.—CHILDREN'S CORNER.

6.40 onwards.—Programme S.B. from London.

FRIDAY, May 8th.

11.30-12.30.—Gramophone Records.

3.30-4.0.—Talks to Schools: Mr. J. C. Tregarthen, "The Fox and the Swan." Musical Interlude. Miss E. Holt, "Songs of the West Country."

4.0-5.0.—Albert Fullbrook and his Trio.

5.0-5.30.—WOMEN'S TOPICS.

5.30-6.25.—CHILDREN'S CORNER.

6.40-7.40.—Programme S.B. from London.

7.40.—Mr. LESLIE KEENE, "Precious Stones."

Sensational Programme.

FLORENCE HOYTEN (Soprano).

THE ROYAL TRIO.

THE "5PY" REPERTORY COMPANY.

8.0. Trio.

Selection, "No, No, Nanette" Youmans (15) Florence Hoyten.

"What a Wonderful World It Would Be" Lohr (15)

8.15. "A Day of Days" ..... Del Riego "ESCAPE."

A Drama in One Act

by E. F. Parr.

Produced by CHAS. DENBIGH. Scene.—Interior of a cottage on Dartmoor at 4.30 in an afternoon of December.

Period: Present Day.

8.30. Florence Hoyten.

"Slave Song" ..... del Riego (15)

"The Splendour of the Stars" Needham (40) Trio.

Selection of Landon Ronald's Songs .. (26)

Fantasia of Grieg's Works.

8.50. "THE SLEIGH BELLS."

A Drama in Three Acts.

Adapted from the French and

Produced by CHAS. FREEMAN.

Directed by CHAS. DENBIGH.

9.35. Trio.

Selection, "Katja, the Dancer" ... Gilbert

9.45. "My Late Night Adventure,"

by CHAS. DENBIGH.

10.0-10.30.—Programme S.B. from London.

10.30. "THE WOMAN UNDER

THE LAMP."

A Comedy in One Act.

Written and Produced

by PETER GODFREY.

Directed by CHAS. DENBIGH.

Scene.—Victoria Embankment at 10.0 p.m.

Trio.

"The Parade of the Tin Soldiers" Jessel

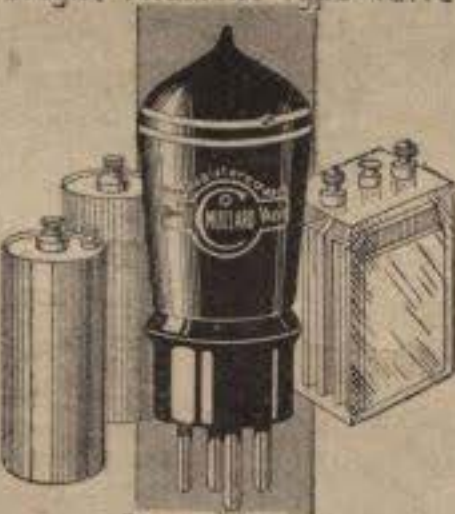
11.0.—Close down.

6.25.—Children's Letters will be read on weekdays.

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Here are Master Valves for perfect long distance and pure tone reception.

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Mullard D.F.A.1 (.2 amp.) for 6-volt accumulators - 30/- each.

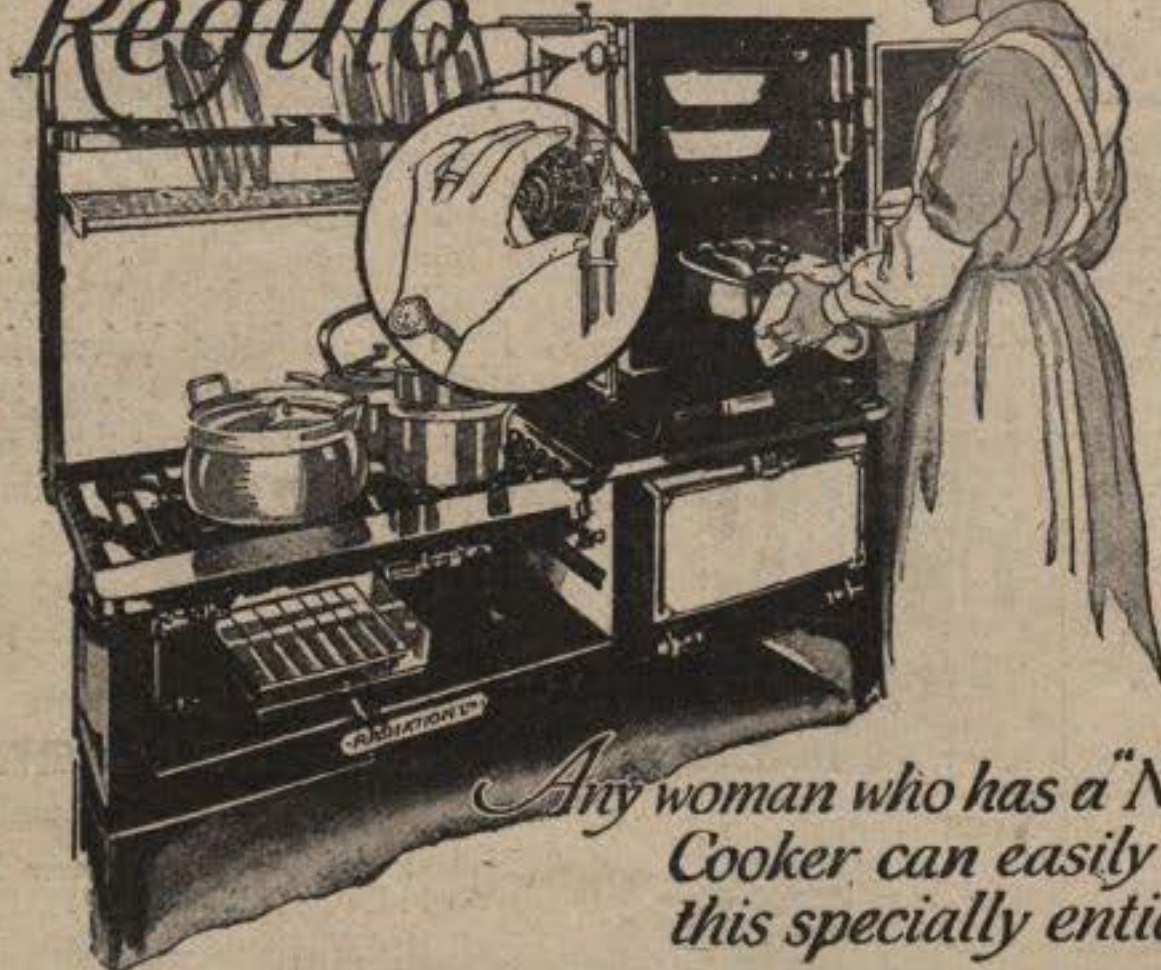
Leaflet V.R.23 gives full information.

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THE MULLARD RADIO VALVE CO., LTD. (R.T.), NIGHTINGALE WORKS, BALHAM, S.W.12.

# Chicken à la Regulo



*Any woman who has a "NEW WORLD" Cooker can easily produce this specially enticing dish*

**U**NTIL recently, cooking was an inexact art, and results varied. To-day it is scientifically accurate. Housewives can measure and control oven heat, and need no longer be uncertain whether results, with any recipe they try, will be up to expectations.

## The "Regulo" Automatic Oven-Heat Controller.

With the "New World" Gas Cooker, you turn the "Regulo" dial to the degree of heat you want. That heat will be maintained EXACTLY—no more and no less—for any length of time necessary.

Now, with any modern recipe (see below) you can thus repeat the success of the cook who first made it—exactly. You can leave the oven to itself. It cannot overheat; therefore does not need watching, and **DOES NOT WASTE GAS!**

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Two new items—Time and Temperature—are now included in first-class recipes. Previously, while exact quantities of ingredients were given, the exact heat, and the exact cooking time, were left to the cook's own judgment.

## Recipe Chicken à la Regulo

Truss the chicken and cut up. Turn oven tap on full, light burner, set "Regulo" at mark 7, and allow oven to heat up. Well cover the pieces with flour, shaking off any that is superfluous. Place in tin, and cover with melted butter. Place in oven, and note the time. Exactly forty-five minutes later you will take out the most deliciously-cooked dish of chicken you have ever tasted.

**Sheffield Programme.**

6FL 301 M.

Week Beginning Sunday, May 3rd.

**SUNDAY, May 3rd.**

10.15-12.0.—MILITARY SUNDAY SERVICE, relayed from York Minster.  
4.0-6.30.—Programme S.B. from London.  
8.15-9.0.—Service relayed from St. Paul's.  
9.0-10.45.—Programme S.B. from London.

**MONDAY, May 4th.**

11.30-12.30.—Gramophone Records.  
4.0-5.0.—Orchestra under the Direction of Dante Selmi, relayed from the Grand Hotel.  
5.0-5.20.—WOMEN'S CORNER.  
5.30-6.25.—CHILDREN'S CORNER.  
6.40-7.40.—Programme S.B. from London.  
7.40.—Station Director's Talk.  
8.0-11.0.—Programme S.B. from London.

**TUES., May 5th, and THURS., May 7th.**

11.30-12.30.—Gramophone Records.  
3.30-4.30.—Orchestra relayed from the Albert Hall.  
5.0-5.20.—WOMEN'S CORNER.  
5.30-6.25.—CHILDREN'S CORNER.  
6.40-7.40.—Programme S.B. from London.  
7.40-8.0.—Prof. A. E. MORGAN, M.A., Professor of English Language and Literature, "The Irish Dramatic Revival—(5) Yeats, Synge." (Tuesday.)  
7.40.—Mr. ERIC N. SIMONS: "Sheila Kaye-Smith." (Thursday.)  
8.0-onwards.—Programme S.B. from London.

**WEDNESDAY, May 6th.**

11.30-12.30.—Gramophone Lecture by Moses Baritz.  
3.30-4.30.—Gramophone Records.  
5.0-5.20.—WOMEN'S CORNER.  
5.30-6.25.—CHILDREN'S CORNER.  
6.40-11.0.—Programme S.B. from London.

**FRIDAY, May 8th.**

11.30-12.30.—Gramophone Records.  
4.0-5.0.—Orchestra relayed from the Grand Hotel.  
5.0-5.20.—WOMEN'S CORNER.  
5.30-6.25.—CHILDREN'S CORNER.  
6.40-7.40.—Programme S.B. from London.  
7.40.—Mr. CLIFFORD K. WRIGHT, B.A., "Slang."

**THE STATION TRIO:**

Under the Direction of COLLIN SMITH.

EFFIE MANN (Soprano).

HELEN DAIR (Contralto).

MADGE MACMILLAN (Elocutionist).

8.0. "Ave Maria" ..... Bach-Gounod  
"Chanson-Polonoise" ..... Wieniawski  
Effie Mann.

"Case Selne" ..... Handel  
"Love Went a-Riding" Frank Bridge (68)  
Helen Dair.

"When All Was Young" ..... Gounod (15)  
(With "Cello Obligato.")

"O Love From Thy Power" Saint-Saens  
Trio.

Bacchanale ("Samson and Delilah")  
Saint-Saens, arr. Alder  
Effie Mann.

"Twickenham Ferry" .. T. Marziols (44)  
"Most Wonderful Of All" .. L. Silesu (3)  
Madge MacMillan at the Piano.

"Buying a Wedding Present"  
Weston and Lee (29)  
Helen Dair.

"Thoughts Have Wings" .. Lehmann (15)

"My Bairnie" ..... Kate Vannah (9)

"The Arrow and the Song" ..... Balfe  
Trio.

Melody in E .....  
Prelude in C Sharp Minor .. Rachmaninoff  
Madge MacMillan.

"That Peccadillo" ..... Hahn  
Trio.

"Andantino" ..... Lemare (46)

"Danse de la Reine" Coleridge-Taylor (46)  
"STAINLESS STEPHEN."

10.0-10.30.—Programme S.B. from London.  
10.30. Cello Solo.

Allegro Moderato and Cantilena from  
Concerto in A Minor .... Goltermann (5)

(Continued in column 3, page 281.)

**The Wheel cap you can't lose**



THE large wheel cap that crowns the tube of Gibbs Shaving Cream is the last perfect touch to a new-day product which is backed by the reputation and knowledge gained by 210 years' experience. The wheel is of about the size of half-a-crown, the right size for a man's fingers, too large to mislay.

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(REGISTERED)

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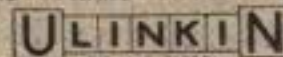
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### Stoke-on-Trent Programme.

6ST 306 M.

Week Beginning Sunday, May 3rd.

#### SUNDAY, May 3rd.

10.15-12.0.—MILITARY SUNDAY SERVICE, relayed from York Minster.  
4.0-6.30.—Programme S.B. from London.  
8.30.—Religious Service from the Studio.  
9.0-10.45.—Programme S.B. from London.

#### MONDAY, May 4th, WEDNESDAY, May 6th, and SATURDAY, May 9th.

3.30-4.30.—The Majestic Cinema Orchestra. Musical Director—Thomas Beckett.  
5.5-5.55.—CHILDREN'S CORNER.  
6.40-7.40.—Programme S.B. from London.  
Boys' Brigade Monthly Bulletin (Monday).  
7.40.—Mr. F. LEESE on "Dogs—Terriers" (Wednesday).  
8.0 onwards.—Programme S.B. from London.  
7.40-12.0 (Saturday). Programme S.B. from London.

#### TUESDAY, May 5th.

12.30-1.30.—Midday Concert.  
3.30-4.30.—Gramophone Lecture Recital by Moses Baritz.  
5.5-5.55.—CHILDREN'S CORNER.  
6.40-12.0.—Programme S.B. from London.

#### THURSDAY, May 7th.

3.30-4.30.—Gramophone Records of the Week.  
5.0-5.55.—CHILDREN'S CORNER.  
6.40-7.40.—Programme S.B. from London.  
7.40.—Boy Scouts' Monthly Bulletin.  
8.0-11.30.—Programme S.B. from London.

#### FRIDAY, May 8th.

12.30-1.30.—Midday Concert.  
3.0-3.30.—Transmission to Schools: Mr. B. P. Abell. "Bee-Keeping."  
3.30-4.30.—The Majestic Cinema Orchestra.  
5.5-5.55.—CHILDREN'S CORNER.  
6.40-7.40.—Programme S.B. from London.  
7.40.—Station Topics.  
8.0.

#### The "CONTROLLERS OF JOY" Concert Party

will present to you an original programme of Music, Mirth and Merriment in which the following Artists will take part:

ETHEL WILLIAMS.  
MARJORIE BATES.  
ETHEL MALPAS.  
DOROTHY HAZEL.  
WILLIAM CHAMBERS.  
WILLET RAINIE.

10.0.—WEATHER FORECAST and NEWS. S.B. from London.  
The Rt. Hon. J. RAMSAY MACDONALD, M.P. S.B. from London.  
Local News.

10.30. ARTHUR COOKE (Solo Pianoforte).  
"Pathetic" Sonata in C Minor Beethoven  
Introduction and Allegro; Adagio; Rondo.

JAMES HOWELL (Baritone).  
"Songs of Travel" ... Vaughan Williams (9)  
"The Vagabond"; "Bright is the Ring of Words"; "The Roadside Fire."  
Arthur Cooke.

Scherzo in B Minor ..... Chopin  
11.0.—Close down.

5.0.—Children's Letters will be read on weekdays.

#### "RADIO TIMES" READING CASE.

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

### Wednesday's Programme.

(Continued from page 255.)

5SC GLASGOW. 420 M.

11.30-12.30.—Mid-day Transmission.  
3.30-4.0.—Broadcast to Schools.  
4.0-4.45.—The Wireless Quartet. Reginald Talbot (Baritone).

4.45-5.15.—WOMEN'S HALF-HOUR.  
5.15-6.0.—CHILDREN'S CORNER: Singing Boys will sing songs by Modern Composers.

6.0-6.5.—Weather Forecast for Farmers.

7.0.—WEATHER FORECAST and NEWS.

S.B. from London.

Principal C. GRANT ROBERTSON. S.B. from Birmingham.

7.25.—Music. S.B. from London.

7.40.—Mr. J. C. MACKIE, "Castles in Spain."

Popular Orchestral Programme.

S.B. to Aberdeen, Dundee and Edinburgh.

THE AUGMENTED STATION ORCHESTRA:

Conducted by H. A. CARRUTHERS.

WALTER HYDE (Tenor).  
Orchestra.

8.0.

Overture, "Zampa" ..... Herold

Suite, "Casse Noisette" ..... Tchaikovsky

Walter Hyde.

8.30.

"O Sun, Return" ..... Tchaikovsky

"Come, Margaret, Come" ..... Sullivan

"Lohengrin's Narration" ..... Wagner

"Spring Song" ("The Valkyrie")

(All with Orchestral Accompaniment.)

8.45

Orchestra.

Symphony No. 2 in D ..... Beethoven

Walter Hyde.

9.20.

"Harp of the Woodland" ... Martin (26)

"To Daffodils" ..... Landon Ronald (26)

"To Electra" ..... Traditional

"Believe Me If All Those Endearing Young Charms" ..... Traditional

9.35.

Orchestra.

Tone Poem, "Finlandia" ..... Sibelius

Waltz from "The Sleeping Beauty" Suite

Tchaikovsky

Overture, "Carnaval" ..... Dvorak

10.0.—WEATHER FORECAST and NEWS.

S.B. from London.

Prof. R. PEERS. S.B. from Nottingham.

To-day's Anniversary. Local News.

10.40-11.0.—Programme S.B. from London.

### Friday's Programme.

(Continued from page 259.)

TO-MORROW.

9.5.

A Play in One Act.

"THE LOVERS."

This is a Psycho-Pathological Romance,

written specially for Broadcast in 4000

A.D. by Halbert Tatlock (if he is still alive).

Characters:

(In the order of their appearance.)

You know there will be abundance of

television in 2,075 years?

HALBERT TATLOCK, as the Unmanly

Man!

VICTORIA RADFORD, as the Un-

womanly Woman!

Scene: The Library of the Psychological

Palais de Danse.

Time: High Time another 2,075 years

had gone by.

Incidental Music by

THE WIRELESS QUARTET.

9.25.

Orchestra.

Selected.

9.35.

Doris Grover.

Musical Parodies.....arr. Herbert Hughes

"A Frog He Would A-Wooing Go";

"Simple Simon"; "There Was a

Crooked Man"; "Doctor Foster";

"Sing a Song of Sixpence"; "Curly

Locks"; "This Little Pig Went to

Market."

9.50.

Orchestra.

March, "War in the Air".....Olsen (34)

10.0.—WEATHER FORECAST and NEWS.

S.B. from London.

The Rt. Hon. J. RAMSAY MACDONALD,

M.P. S.B. from London. Local News.

10.30.—FREEMAN'S DANCE ORCHESTRA,

relayed from the "Plaza" Palais de Danse.

11.0.—Close down.

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P.1694 Radio Times, May.



### Swansea Programme.

5SX 485 M.

Week Beginning Sunday, May 3rd.

SUNDAY, May 3rd.

10.15-12.0.—MILITARY SUNDAY SERVICE, relayed from York Minster.

3.30-4.45. } Programme S.B. from Cardiff.

6.0-6.30. }  
8.30-9.0.—Studio Service: Conducted by the Rev. W. PEDR WILLIAMS.

9.0-10.55.—Programme S.B. from Cardiff.

MONDAY, May 4th.

3.0-4.0.—The Castle Cinema Orchestra, relayed from the Castle Cinema. Musical Director, Jack Arnold.

5.0-5.15.—WOMEN'S TOPICS.

5.15-5.45.—CHILDREN'S CORNER.

6.25.—Mr. GUY POCKOCK. S.B. from Cardiff.

6.40-7.30.—Programme S.B. from London.

7.30-11.0.—Programme S.B. from Cardiff.

TUESDAY, May 5th.

3.0-4.0.—New Gramophone Records.

5.15-5.45.—CHILDREN'S CORNER.

6.40-7.40.—Programme S.B. from London.

7.40.—Dr. W. TUDOR JONES. S.B. from Cardiff.

8.0-12.0.—Programme S.B. from London.

WEDNESDAY, May 6th.

3.0-4.0.—The Castle Cinema Orchestra.

5.0-5.15.—WOMEN'S TOPICS.

5.15-5.45.—CHILDREN'S CORNER.

6.40-7.55.—Programme S.B. from London.

7.55-11.0.—Programme S.B. from Cardiff.

THURSDAY, May 7th.

3.0-4.0.—Instrumental Trio.

5.15-5.45.—CHILDREN'S CORNER.

6.40-7.40.—Programme S.B. from London.

7.40.—Mr. J. A. HANLEY. S.B. from Cardiff.

8.0-11.30.—Programme S.B. from London.

FRIDAY, May 8th.

3.0-4.0.—The Castle Cinema Orchestra.

5.0-5.15.—WOMEN'S TOPICS.

5.15-5.45.—CHILDREN'S CORNER.

6.40-7.40.—Programme S.B. from London.

7.40.—Mr. ISAAC WILLIAMS. S.B. from Cardiff.

MORRY'S NINE STARS.

NESTA JAMES (Soprano).

W. BEVAN (Tenor).

SEYMOUR COLLINS (Entertainer).

8.0. } Morry's Nine Stars.

"Sleep" ..... Leibig (19)

"Jealous" ..... Little, Mahe, and Finch (27)

"Oh! How I Love My Darling" ..... Harry Wood (71)

"Sahara" ..... Horatio Nicholls (71)

"I Love the Moon" ..... Paul Rubens (15)

8.20. } W. Bevan.

"A Farewell" ..... S. Liddle (9)

"Love-Lily" ..... Thomson (15)

"For You Alone" ..... Gecht (31)

8.30. } Nesta James.

"The Reason" ..... Teresa del Riego (15)

"My Love For You" ..... Leslie Protheroe

"Pan in the Woods" ..... P. M. James (64)

8.45.—Mr. HENRY A. ENOCH, M.A. (Oxon), Hon. Sec. Swansea and District Motor Cycle Club, "The Pedestrian and Motorist in Swansea."

9.0. } Seymour Collins.

"Twice One Are Two" ..... Weston and

"All Day Long" ..... Les (29)

"Show Me the Way Home" ..... Nesta James.

9.10. } Nesta James.

"Love's a Sailor" ..... Marjorie Kent (36)

"Give Me a Lonely Caravan" ..... Bath (13)

"St. Nicholas Day in the Morning" ..... Easthope Martin (26)

9.20. } Morry's Nine Stars.

"There's Yes, Yes, In Your Eyes" ..... Santly (29)

"Doo Wacka Doo" ..... Gaskill (29)

"A New Kind of Man" ..... Skare (29)

"Follow the Swallow" ..... Henderson (29)

"All Alone" ..... Irving Berlin (29)

9.40. } W. Bevan.

"Down in the Forest" ..... Ronald (26)

"Songs My Mother Taught Me" ..... Dvorak (41)

"I'll Sing The Songs of Araby" ..... Clay (15)

(Continued in the next column.)

(Continued from the previous column.)

9.50. Seymour Collins Will Entertain.

10.0.—WEATHER FORECAST and NEWS.

S.B. from London.

The Rt. Hon. J. RAMSAY MACDONALD, M.P. S.B. from London.

Local News.

10.30. } Morry's Nine Stars.

"San" ..... McPhail and Michels (19)

"Secrets" ..... Ray Allen (42)

"Bye, Bye, Baby" ..... Metzner (59)

"California" ..... Jolson (27)

"Marcheta" (Hawaiian Guitar Solo) ..... (15)

"Burning Kisses" ..... Wenrich (29)

"Charleston Cabin" ..... Keplan (19)

"Love Is Just a Gamble" ..... Selvin (71)

"Savoy Irish Medley" ..... Somers (71)

"Bagdad" ..... (71)

11.0.—Close down.

SATURDAY, May 9th.

3.0-4.0.—The Castle Cinema Orchestra.

5.15-5.45.—CHILDREN'S CORNER.

6.40-7.40.—Programme S.B. from London.

7.40-12.0.—Programme S.B. from Cardiff.

5.45.—Children's Letters will be read on weekdays.

### Edinburgh Programme.

(Continued from page 267.)

9.50. } Marion Richardson.

"Eldorado" ..... Raymond Rose (36)

"Break, Break, Break" ..... Parsons

10.0.—WEATHER FORECAST and NEWS.

S.B. from London.

The Rt. Hon. J. RAMSAY MACDONALD, M.P. S.B. from London.

G. L. MARSHALL: Station Topics.

10.35 (approx.). } Alexander McCredie.

"Thank God for a Garden" ..... del Riego (15)

"The Wayfarer's Night Song" ..... Easthope Martin (26)

"Sound the Pibroch" ..... Traditional

10.45. } D. Miller Craig and G. L. Marshall.

Polonaise Brillante, Op. 3 ..... Chopin

11.0.—Close down.

SATURDAY, May 9th.

3.0-4.0.—The Station Pianoforte Trio.

5.0-5.50.—CHILDREN'S CORNER.

6.40-7.10.—Programme S.B. from London.

7.10.—Prof. CHARLES SAROLEA, LL.D., Litt.D., Ph.D., Travel Talk, "With the King of the Belgians in Brazil." S.B. to all Stations.

7.25-12.0.—Programme S.B. from London.

5.50.—Children's Letters will be read on weekdays.

### Hull Programme.

(Continued from page 267.)

9.50. } Harry Skerritt.

"O Flower Divine" ..... Haydn Wood

"Beloved Sleep" ..... Dick Slater

"Through All the Ages" ..... Eric Coates

10.0.—WEATHER FORECAST and NEWS.

S.B. from London.

The Rt. Hon. J. RAMSAY MACDONALD, M.P. S.B. from London. Local News.

10.30. } Maud Oglesby and Doris Sleight.

Duets {"A Psalm of Life" ..... Knight

"Underneath the Trees" ..... Newton

10.40. } Bernard Carten.

Further Selections from his Repertoire.

10.50. } Leonard Roberts and Harry Skerritt.

Duets {"On to the Field of Glory" ..... Donizetti

"Two Gentlemen of Tone" ..... Lane Wilson

11.0.—Close down.

SATURDAY, May 9th.

3.0-3.30. } Gramophone Records.

4.0-4.30. }

3.30-4.0.—WOMEN'S HALF-HOUR

5.20-5.55.—CHILDREN'S CORNER.

6.40-12.0.—Programme S.B. from London.

5.15.—Children's Letters will be read on weekdays.

### Leeds-Bradford Programme.

(Continued from page 269.)

9.22. H. Clifford Robinson and Mrs. Graham Eldridge.

"Marche Triomphale" ..... Guilman

Prelude to Act III, "Lohengrin" ..... Wagner

9.32. } Vena Chamberlain.

"My Heart Ever Faithful" ..... Bach

"The Nightingale" ..... Brahms

"The Sandman" ..... Brahms

9.42. H. Clifford Robinson and Mrs. Graham Eldridge.

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

James Cunningham.

"I Am a Roamer" ..... Mendelssohn

Phyllis Thornton.

9.50. } "Zapatado" ..... Sarasate

James Cunningham.

"To Anthea" ..... Hatton

"Slow, Horses, Slow" ..... Jaldowitz

9.56. } Mrs. Graham Eldridge.

"Gavotte Imperials" ..... Janolha

10.0-11.0.—Programme S.B. from London.

SATURDAY, May 9th.

2.45-3.45.—The Station Trio.

5.30-6.10.—CHILDREN'S CORNER.

6.15-6.30.—Teens' Corner.

6.40-12.0.—Programme S.B. from London.

6.10.—Children's Letters will be read on weekdays.

### Nottingham Programme.

(Continued from page 273.)

Ethel Kiddier.

"Spring's Awakening" ..... Sanderson (9)

"Auctioneer's Song" ..... Claude Arundale (17)

"The Reason" ..... Teresa del Riego (15)

Harry Stevens and Mark Mellers.

Duets {"Fickle-Hearted Mimi" ..... Puccini (56)

"Come to the Fair" ..... Martin (26)

Jimmy Loft.

Songs and Entertaining Items.

Mark Mellers.

"Young Tom o' Devon" ..... E. German

"Somerset Farmer" ..... Lane Wilson (17)

Albert Hall.

"Flower Song" ("Carmen") ..... Bizet (44)

Ethel Kiddier and Mark Mellers.

Duet, "In Springtime" ..... E. Newton (9)

10.0-10.30.—Programme S.B. from London.

10.30-11.0. } Ethel Kiddier.

"Life is Vain" ..... F. Gumbert

"The Market" ..... Molly Carew (15)

Jimmy Loft.

Songs and Entertaining Items.

Mark Mellers.

"Little Lady" ("Don Giovanni") ..... Mozart

"Onaway, Awake, Beloved" ..... Cowen (44)

SATURDAY, May 9th.

3.30-4.30.—The Savannah Band, relayed from the Palais de Danse.

5.15-5.45.—CHILDREN'S CORNER.

6.40-7.40.—Programme S.B. from London.

7.40.—Mr. FRANK HEALD ("John o' Trent"), Outdoor Topics.

8.0-12.0.—Programme S.B. from London.

5.45.—Children's Letters will be read on weekdays.

### Sheffield Programme.

(Continued from page 277.)

Effie Maun and Helen Dair.

"Greetings."

"O Wert Thou in the Cauld Blast" ..... Mendelssohn

Madge MacMillan.

"Ellen" ..... Rolt (15)

Trio.

"Tempo di Minuetto" ..... Spinelli

"Impression de Nuit" ..... Weiller

"Cavatina" ..... Raff

11.0.—Close down.

SATURDAY, May 9th.

4.0-5.0.—Orchestra relayed from the Grand Hotel.

5.0-5.20.—WOMEN'S CORNER.

5.30-6.25.—CHILDREN'S CORNER.

6.40-7.40.—Programme S.B. from London.

7.40.—"The Harvest of a Quiet Eye—Eunice Felix, Sleeping Out," by "Petronius." 8.0-12.0.—Programme S.B. from London.

6.25.—Children's Letters will be read on weekdays.

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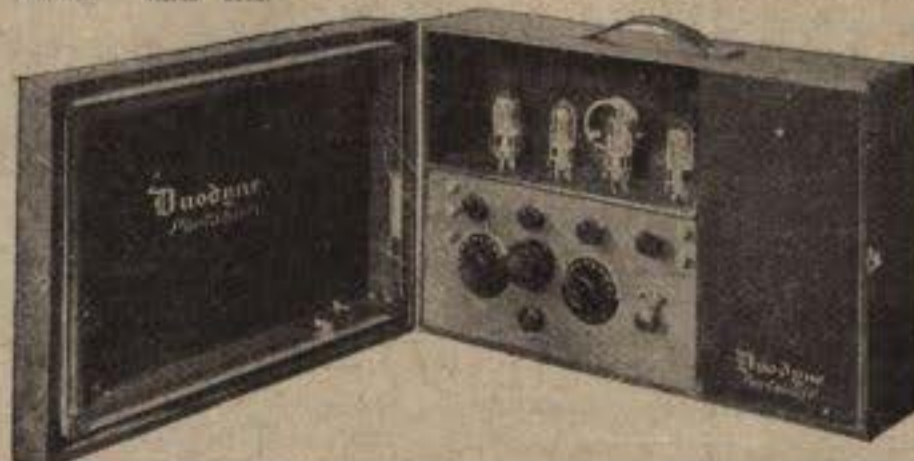
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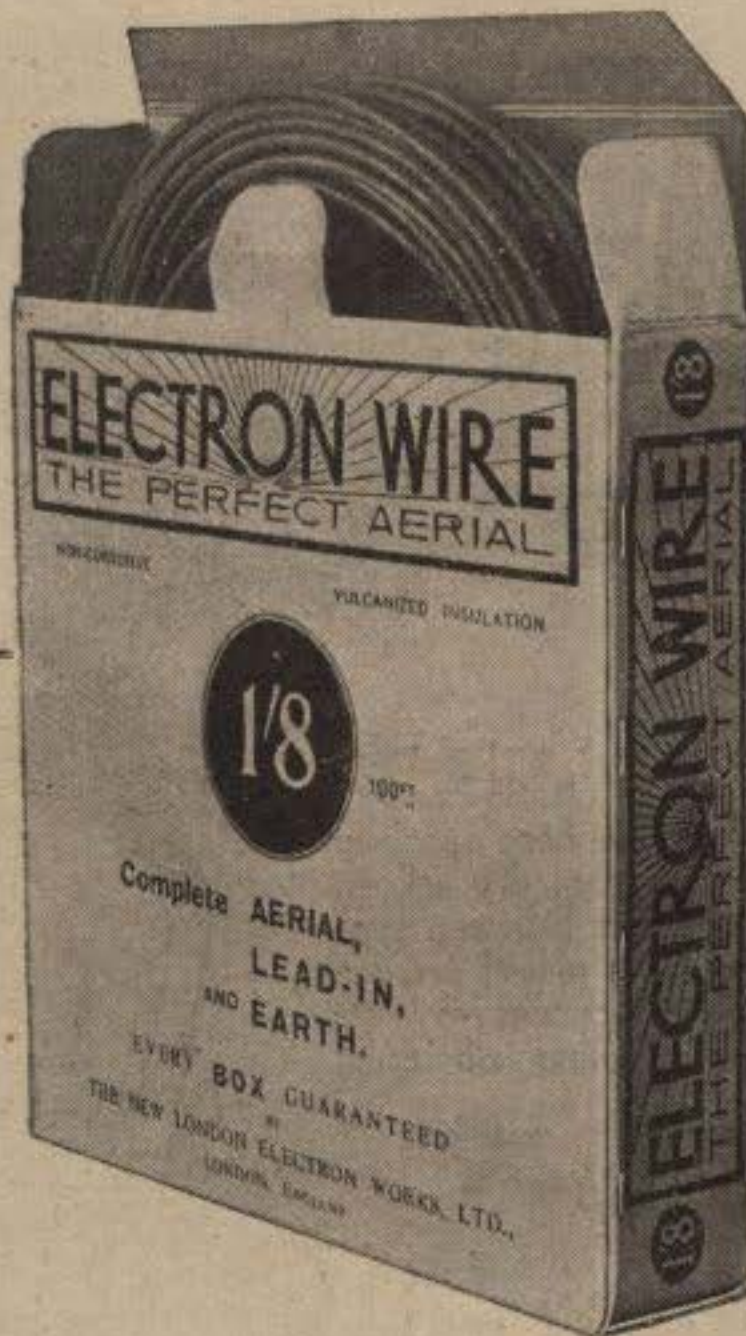
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