

THE BROADCASTING PHILOSOPHER. By LORD RIDDELL.



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EVERY FRIDAY.

Two Pence.

OFFICIAL PROGRAMMES OF THE BRITISH BROADCASTING COMPANY.

For the week commencing SUNDAY, November 23rd.

LONDON	CARDIFF
ABERDEEN	GLASGOW
BIRMINGHAM	MANCHESTER
BOURNEMOUTH	NEWCASTLE
	BELFAST

SHEFFIELD (Relay)	PLYMOUTH (Relay)
EDINBURGH (Relay)	LIVERPOOL (Relay)
LEEDS—BRADFORD (Relay)	
HULL (Relay)	NOTTINGHAM (Relay)
STOKE-ON-TRENT (Relay)	
DUNDEE (Relay)	

SPECIAL CONTENTS :

THE BROADCASTING PHILOSOPHER, By Lord Riddell.

LINKING UP BRITAIN AND AMERICA, By P. P. Eckersley.

HYMNS FOR THE TWILIGHT HOUR, Stories of Family Favourites.

OFFICIAL NEWS AND VIEWS.

LISTENERS' LETTERS.

What Do We Want?

By HORACE ANNESLEY VACHELL, The Famous Novelist and Playwright.

WHAT do listeners want? I am interested in the answer to this question because I have been asked to deliver a series of talks, and if I consent to do so, I am wondering what I shall talk about, bearing in mind that I shall be addressing innumerable mentalities, each, in degree, slightly differing from the other. So far as I am concerned I have gathered this from half-a-dozen different persons. All and sundry demand from me talks about books or plays, just as they demand from Professor Bragg a talk, let us say, on "Sound." Digging a little deeper, I excavated another nugget. The average listener prefers personalities. If I am to talk about books and plays, he would like to know how I write *my* books and plays.

I suppose the listener wants to learn something. We might infer from this that educational talks are preferred. Not so; unless an expert is speaking. Long ago, I heard Sir Robert Ball speak upon his own subject—astronomy. Well, I admit frankly that the stars are too distant for me, but Sir Robert stuck them under my nose. Sirius became a friend, instead of a twinkling acquaintance; and the spectroscope (which I had confounded with a stethoscope) illuminated with colours my dun and drab envisagement of the Moon. In fine, a great astronomer made dead worlds live for me.

And so, we come to the inevitable conclusion that *personality* counts tremendously in wireless, whether we are listening to a champion who tells us how he won the championship of the world at tennis, or to Professor Bragg, who, like Cinquevalli, is conjuring with tuning forks and blocks of wood which emit flute-like sounds. A lecture on "Sound" from me would be received in silence and snooze!

Many persons with whom I have talked

upon this subject have expressed the wish that there might be alternative "themes," on different wave-lengths. Then the highbrow who craved for Bach might listen to fugues at the same moment as the lowbrow was wallowing in jazz. Probably, we shall come to this.

There are great possibilities in duologues. We have had funny duologues, the cut and thrust of two comedians. That "gets across" up to a point, but it grows tiresome. Really, we English are a serious people; we take even our jokes seriously. A debate between a dyed-in-the-wool die-hard and a rabid Communist, strictly limited to ten minutes, would challenge attention. This raises the current question about plays as "themes" for wireless. A play, however well read aloud, is rather a dismal and monotonous entertainment. Once a famous actor-manager read aloud to me a play of my own. I fell fast asleep.

So far as educational talks are concerned, the supply will create the demand. Listeners of youthful age begin, naturally enough, with what is not educational. They like jazz because it has a "kick" to it. And then, insensibly, they demand something more tuneful. When the tunes grow hackneyed, they, without being aware of it, ask for classical music. And so, day by day, they stroll leisurely from what is essentially bad to what is essentially good. They are being *self-educated*, pressing on and upward all the time.

Interest in any theme depends upon whether or not the reception is perfect. That again depends upon the "sets," and upon atmospheric conditions. Reception is not a matter of cost. I have listened with a cheap set, and

(Continued overleaf in column 3.)

Hymns for the Twilight Hour.

Stories of Family Favourites.

THERE can be little doubt that "Abide with Me" is one of the favourite evening hymns in all the churches in Britain and the Empire, as well, probably, as in the U.S.A. It has a touch of sadness about it, associated, however, with a note of triumph, which makes it very true to human life, and it thus appeals to all classes. It was written on September 4th, 1847, and its author died on November 20th of the same year, so that the words:—
Swift to its close ebbs out life's little day,
were perfectly true in his case, as he well knew when the hymn was penned.

A Poetic Prophecy.

The Rev. Henry Francis Lyte was the rector of the fishing port of Brixham, on Tor Bay, when he wrote the hymn, and it was actually written down on paper at Berry Head House, half a mile from the town, where the sea laps the foot of the garden. Although he had not preached in his church for some time, owing to his ill health, on this particular Sunday he expressed his intention of preaching "for the last time" before he went to Nice, where his physician had ordered him to winter.

It proved indeed the last time, and when he returned home he walked down the garden path to the seashore, and strolled about in the dusk of a beautiful September evening. Who will say what passed there? He had had bitter disappointments at Brixham, much ill health, and now the end was coming fast, and he knew it. When he cried out to the open sea those words with which his great hymn opens: "Abide with me; fast falls the eventide," he was not thinking altogether, or even chiefly, of the day's close, but of life's.

Surprised His Family.

There can be little doubt that these circumstances, the stillness, the sea, the eventide, his approaching departure, his quitting his beloved flock and his family, all told upon his spirits, and depressed and elevated him at the same time, making him exclaim:

Where is death's sting? Where, grave, thy victory?
I triumph still if Thou abide with me.

There can be little doubt, either, that the hymn was practically composed in his mind before he returned indoors, for his family, thinking he had quietly retired to bed, was surprised, an hour later, by his appearance with a paper in his hand, from which he read to them his new hymn, and showed them the tune he had also composed to it! This is seldom sung now, as Dr. Monk's great tune, "Eventide," has taken an unshakable place as the one tune to "Abide with Me." Dr. Lyte died at Nice, and his last words were: "Peace! Joy!"

The Bishop's Grotto.

The evening hymn, however, has been, to the English-speaking race for 180 years, Bishop Ken's "Glory to Thee, My God, This Night," the last stanza of which has also come to be called *The Doxology*:—

Praise God from Whom all blessings flow,
Praise Him all creatures here below,
Praise Him above, ye heavenly host,
Praise Father, Son, and Holy Ghost.

Wells Cathedral has many claims to celebrity, but few greater than the fact that Ken was its bishop, and that he wrote this world-known hymn in the beautiful old garden of the palace. In a corner of this old garden the visitor is still shown Bishop Ken's Grotto, where he used to sit and meditate, and it is traditional that the hymn was actually composed in this quiet spot.

Perhaps, if a test of popularity is the frequency with which it is sung in the evening, for the benefit of listeners, Keble's "Sun of My Soul" would take first place. The hymn, as we know it in our hymnals, consists of a selection of six or seven stanzas from the poem, entitled "Eventide," in Keble's "Christian Year," beginning: "'Tis gone, that bright and orbéd blaze," and consisting of fourteen verses, seven of which are seldom, if ever, included in the hymn.

Composed in Half-an-Hour.

Some hymnals include a verse which the Ancient and Modern omits:—

Thou Framer of light and dark,
Steer through the tempest Thine own ark:
Amid the howling wintry sea,
We are in port if we have Thee.

Keble, of course, is one of the great names of the English Church, and it is said that the fine church at Hursley was built out of the profits of "The Christian Year," which went through edition after edition, and is now an English classic. His grave is at Hursley, where he lived and ministered, much beloved, for thirty years. The tune "Abends" was written, it is said, by Sir Herbert Oakeley, in half-an-hour.

A Festival Hymn.

Another hymn which ranks very high among evening hymns is "Saviour Again to Thy Dear Name We Raise," by Canon Ellerton, who wrote it to an existing tune called "St. Agnes," although it is now invariably sung to "Pax Dei," by Dr. Dykes, who wrote the tune specially for Sir Henry Baker when he was compiling "Hymns Ancient and Modern." The hymn itself was written in 1886 for the Festival of the Malpas, Middlewich and Nantwich Choral Association, and the first draft, which differs very much from the hymn as we now know it, was written on the blank side of a piece of sermon paper, from which the Canon had preached on the previous Sunday. The well-known first verse appears in this draft as follows:—

Father, once more before we part, we raise
With one accord our parting hymn of praise:
Once more we bless Thee, ere our songs shall cease.

Then, lowly kneeling, pray Thee for Thy peace.

Written in an Orange Boat.

We can only briefly mention such beautiful and favourite hymns as "The Day is Past and Over," which is a translation from the Greek, or "Saviour Breathe an Evening Blessing," or even that universal favourite "Now the Day is Over," but the story of "Lead, Kindly Light" is so unique that it must be told, especially as Cardinal Newman tells it himself in his "Apologia pro Vita Sua."

In 1833 he was travelling on the Continent and a sudden attack of illness kept him at Castle Giovanni for three weeks. At the end of that time he was sufficiently recovered to attempt to get to Marseilles and so home. "Before starting from my inn," he writes, "I sat down on my bed and began to sob bitterly. My servant, who had acted as my nurse, asked what ailed me, I could only answer, 'I have a work to do in England.' I was aching to get home, yet, for want of a boat, I was kept at Palermo for three weeks. I began to visit the churches, and they calmed my impatience, though I did not attend any services. At last I got off in an orange boat bound for Marseilles. We were becalmed for a whole week in the Straits of Bonifacio, and it was there that I wrote the lines, 'Lead, Kindly Light,' which have since become so well known."

PAUL PRESTON.

What Do We Want?

(Continued from the previous page.)

felt that the speaker was in the same room with me, talking to me, quietly and articulately. This question of articulation is vital. The illusion—for it is nothing else—fades like any mirage, if articulation be faulty. Immediately, we are conscious—and disagreeably so—that the speaker is far away. The delightful sense of intimacy goes, and with it vanishes—personality.

Perhaps the greatest enemy of wireless is the loud speaker. Most loud speakers remind me of the gramophone. I have got the best results with the ear clips, and very soon one becomes accustomed to them, although at first they are a source of mild irritation. Still—the loud speaker may be improved. He is damned by the adjective. *If he would speak less loudly*—? The persuasiveness of a soft, clear voice is irresistible. If I were the general manager of a wireless company, I should scrap automatically all speakers with loud, raucous voices; I should "specialize" in clear, diapason tones.

But, let us return to our original question. *What do listeners want?* Can't they tell us? The few can console themselves with this happy reflection. In the cinema, with its ever increasing public, in the lecture-room, in novels and plays, there is a steady demand for "good stuff." There is, admittedly, a big public for bad stuff, but that public is diminishing. That public gets "fed up" with quantity as opposed to quality. But the public that exacts quality is increasing. What the few demand from wireless to-day, the many will insist upon to-morrow.

In conclusion, I hark back to that magic word—personality. As a young man the waltzes of Strauss became infinitely more entrancing when Strauss himself was conducting his own orchestra. To persons lacking in imagination the mere sight of Mary Pickford walking down Piccadilly kindled fresh enthusiasm in the "movies" in which she was featured. I don't think we can have too much "personality" in wireless.

BROADCASTING gives us not only the Greenwich time signal in "dot seconds," but also the chime of Big Ben, which is quite accurate enough for most people as its error was only one second in two hundred and ninety-three days.

It is stated that Dr. Rice Hamilton, who is proceeding on a scientific expedition to the little known country between the Upper Amazon and British Guiana, has taken with him wireless apparatus capable of transmitting to Europe.

WIRELESS telephony has been seized upon as a valuable aid by a number of business houses in Greece, where the wireless regulations permit of the private use of this means of communication. Four important firms are already equipping their premises with wireless telephone sets to link up their head offices in Athens with their branch offices in the Piræus, and further inquiries for similar sets have been received from other commercial firms.

At the Radio World's Fair, New York, was exhibited what is probably the smallest loud speaker in existence. It could easily be concealed in one hand, and when placed on a large coin, it appeared lost in comparison. Nevertheless, it worked quite well and could be heard at a distance of ten feet.

"Elizabeth."

The Story of the Opera.

(The first London performance of "Elizabeth" will be relayed from London to all stations (except Birmingham, Bournemouth and Belfast) on Monday, November 24th, at 8.45 p.m. Listeners should note, in particular, the conclusion, where the orchestra alone illustrates the action on the stage.)

A FEW bars of cheery May-Day music from the orchestra and the curtain rises upon the terrace-garden of a manor-house perched upon a hill that looks over the town of Bideford and so out to the Atlantic. Elizabeth of England stands by the terrace wall looking out to sea. She leans upon the shoulder of a page. Below, in the harbour, mariners upon Escombe's ship sing a chanty.

"A sad song for this First of May," says Elizabeth. But when she learns whose ship it is, she is all eager to hear the song again. For Escombe, on the previous evening, has sung before her a tender love-song. "Only tell her that I love," and Elizabeth has taken it for herself. Yet it was really to his sweetheart, Dorothy, that Escombe sang. The page sings again the first verse, and then slips away, for the Queen is lost in tender dreams. Sadly she sings of the lonely Princess who ever gazed seawards seeking a true love that never came.

Now Escombe climbs the hill, singing, as he comes, the second verse of his love song. From beneath the window he calls softly to Dorothy. She pleads to go away with him; to leave "this narrow-circling Court." She dreads the Queen and that Elizabeth may steal Escombe's love. Escombe laughs at her fears, and tells Dorothy how he has loved her since childhood days, playing by the sea.



"Rouse ye, men of Devon! England and the Queen!"

Elizabeth has entered quietly and overheard. In the scene with Escombe that follows she passes through many phases of emotion. At last, Escombe replies that he loves and has always loved Dorothy only. With an outburst of the rage inherited from her Royal father, Elizabeth demands Escombe's sword and consigns him to the Tower; Dorothy she banishes to Ireland.

As Elizabeth stands motionless, a crowd of merry townsfolk streams up on to the terrace singing a May Day carol. A country dance follows. Into the midst there staggers an exhausted messenger to tell that the Armada has sailed from Cadiz. "Rouse ye, men of Devon! England and the Queen!"

Elizabeth recognizes that once again her country must come first. She summons Escombe to her presence, knights him with his own sword, and sends him off to his ship. The crowd streams down hill after him. Elizabeth stands alone looking out to sea. It is sunset. Softly Dorothy enters, kneels to the Queen, and kisses the hem of her robe. Elizabeth draws the girl to her feet and embraces her.

The Broadcasting Philosopher.

By LORD RIDDELL.

IF some visitor from another planet were to come here armed with authority to take any position he might fancy, I wonder what his choice would be? If he decided to become King or Prime Minister he would make a mistake unless a perfect glutton for work and responsibility. My advice to him would be, "Get yourself appointed Controller of Broadcasting and Wireless with plenary powers." Just think what he could do! He might preach his favourite doctrines, religious, political, and otherwise, he might carry on educational campaigns, he might enforce his own views regarding music, art, literature, the drama, cooking, and household management, he might disseminate only such news as he considered for the public benefit, he might popularize his favourite singers, actors, actresses, and preachers, he might criticize everything and everybody, and generally speaking have a high old time, after which he might return to his planet and watch with amusement the result of his labours.

Pandemonium Averted.

All this is pointed out, but of course in more serious fashion, by Mr. Reith, Managing Director of the B.B.C., in his brilliant and fascinating "Broadcast Over Britain" (Hodder and Stoughton, 6/-). Perhaps a more appropriate title would have been "British Broadcasting," as the book describes the development of the invention, and the past and future policy of the B.B.C.

Mr. Reith is justly proud of the company and its achievements. No other great invention has been developed with similar speed and success. We can hardly realize that British broadcasting is but two years old, and still less can we understand the technical difficulties which have had to be overcome. There can be no doubt that the authorities at the G.P.O. acted with commendable sagacity and foresight when they decided to restrict the right to transmit broadcast matter to one institution. Had they not done so there would have been pandemonium. The B.B.C., to whom the monopoly was granted for a limited period, is a commercial undertaking established by manufacturers of wireless apparatus. The rapid development of broadcasting is due to their enterprise and in addition they have established a valuable industry providing employment for thousands of workers. Here it may be noted that the B.B.C. trademark is a guarantee of British goods. How British manufacturers and their employes will fare at the end of this year when this market is thrown open to foreigners remains to be seen.

Who Shall Decide?

British broadcasting is a remarkable instance of the value of co-operation. The B.B.C. receive from the Government a proportion of the licence fees paid by the owners of receiving sets, to this they add a percentage of their manufacturing profits, and thus provide the fund which furnishes and maintains the transmission stations and supplies the entertainment. Mr. Reith claims that his company have exercised their great and unique powers with fairness and impartiality. This claim will meet with general approval. The public have been well and faithfully served by Lord Gainford, chairman of the B.B.C., by his colleagues on the Board, and by Mr. Reith and his staff.

The author of "Broadcast Over Britain" is a philosopher as well as a man of business, and one of the few people who possess a statesmanlike grasp of the possibilities, advantages, dangers, and difficulties of broadcasting. Concentration of transmission facilities under one control

was inevitable, but, as Mr. Reith indicates, this involves serious problems for those entrusted with the management of an instrument armed with millions of tongues. Political and religious subjects are good examples. Is broadcasting to be used for political propaganda? If so, are speakers to have the same privileges as they enjoy when addressing public meetings or writing in the Press? Who is to decide what views are to be expressed and which suppressed? What is to be done regarding the delicate matter of religion? Mr. Reith says:—

"The Christianity which is broadcast is unassociated with any particular creed or denomination. It is such that all, except the hypercritical or the extreme, may hear not only without offence, but with approval and profit. It is a thoroughgoing, optimistic, and manly religion. It does not put a stained-glass window between the observer and the facts. It may certainly bring the complex problems of ordinary life into relief, but it does so in order that they may be dealt with. If it increases the difficulties, it also offers the courage to overcome them. It indicates the means by which they may be handled, before they handle us. It does not present the Almighty in the guise of what has been described as a lawyer's God policing his universe, but as a companionable and sympathetic spirit. It is not presented as an added accomplishment but as an integral part of life, born of need. It is not a 'Safety First' policy."

The Power of the Broadcaster.

Most people will approve of these sentiments but many others hold different opinions. The pen of a Gibbon would be required to describe them in detail. Are they to be excluded? Is broadcasting to be the monopoly of any particular phase of religion, or of any particular set of political ideas? Although ostensibly the B.B.C. hold the monopoly, the Postmaster-General quite rightly has the final word on all questions of policy. Therefore, in effect, broadcasting, like the telegraph and telephone, is a Government affair. Its peculiarities may well cause Postmasters-General anxious moments. Governments are often faced with difficulties when dealing with new ideas which do not happen to correspond with their own opinions. What would have happened had there been a broadcaster in Jerusalem 1,924 years ago? Would Pontius Pilate have allowed the free use of it?

Some philosophers have contended that new ideas although correct should not be promulgated too rapidly. They allege that mankind can only proceed safely if they proceed with deliberation. Others were of opinion that ingrained habits and conservative tendencies are not only adequate safeguards but bars to progress. Now, however, we are living under new conditions of rapid and far-reaching publicity. Broadcasting is the latest and one of the most powerful. But *solvitur ambulando* is a good and well-tried maxim. In other words, take each fence as it comes and do your best. Prophylaxis, or fortifying the body to resist attack, is the most notable feature of modern medicine. Let us hope that the world will find some anti-toxin to guard against the dangers of a super-mechanical age.

GIVING evidence before the Royal Commission on Lunacy at Westminster recently, an official of the Ministry of Health said that lunatics frequently complained that they were being poisoned by wireless!

England Ten Thousand Years Ago

A Talk from London, by C. H. B. Quennell.

IN the everyday life of the Neolithic, or New Stone Age, the Bronze and Early Iron Ages, we shall be dealing first with a period which started some 7,000 to 10,000 years ago, and finished with the coming of the Romans. We will leave our wireless sets behind us and, imagining that we are in the New Stone Age, take to the tractway and go to Caesar's Camp by Folkestone. Here we shall find that the Land Bridge of the Old Stone Age has disappeared and England has become an island.

We may, on looking out to sea, notice a little fleet of dug-out canoes being vigorously paddled across from the mainland, and the first concern of the men when they land is the safety of the cattle which have formed part of the cargo. These are like the small black Welsh cattle of to-day and are driven up on to the chalk downs.

Men of Property.

Here a camp is made by digging a ditch and bank with a wooden palisade on the top. The men have antlers for picks and shoulder blades for shovels; but their stone axes are better than those of the Old Stone Age, being more finely flaked, with sometimes polished cutting edges; even with these, man can make little impression on the forests which fill all Lowlands and are full of wolves, so, as herdsman, he keeps to the tops of the Downs where he is sure of food for his animals.

We can now notice the men; they are small and long-headed, with dark curly hair and they and their forbears have gradually trekked their way up from the coastlands of the Mediterranean; but in some indefinable way they are different from the care-free hunters of the Old Stone Age and then we discover that it is because they have become men of property.

Civilization and the Protective Instinct.

Man, apparently, is civilizing himself not only by making things, but by protecting them. We now see that the men are scooping out little holes in the ground and setting up roof trees against which they lean saplings and cover these with rough thatching, giving the form of a bell tent.

We notice another party bringing up some rough pots with great care and these are carried into the first hut which is completed. These contain grain and the men have learned to make narrow terraces on the hillside which we call to-day Lincs, or Lynchets, and here they sow some of their corn.

This pottery is a new and very useful invention; some ingenious man discovered a piece of clay burned quite hard in one of the fires and thought out how he could mix the clay with sand and bake it into the shape of something which would hold grain, or milk, or enable a savoury mess to be cooked over the fire.

An Imaginary Journey.

We find cooking pits outside the circles where the huts used to be. Stones were placed in the pits and a fire made; the ashes were then raked to one side, and the carcass of a beast being put in, it was covered with ashes and covered up with turf when the imprisoned heat turned the pit into an oven.

The women use the skins to make clothes, which they sew together with sinew; others grind corn between two stones and make cakes to be cooked in the ashes. Another group may be flaking flints into spear and arrow heads and sickles to cut the corn with.

We will now imagine a very incongruous thing—that we have taken to an aeroplane and are cruising over Neolithic England! If we go to the South slope of the North Downs on

the line of what we now know as the Pilgrims' Road, or by the South Downs from Eastbourne, or from Weymouth by way of Maiden Castle, near Dorchester, to Badbury, near Wimborne, or from the Chilterns by way of the Berkshire to the Marlborough Downs, we shall find that all the hill-tops are thickly populated with earlier comers of the same race and that on the hills they have constructed a system of camps and connecting trackways which converge on Stonehenge.

Worshipping the Sun.

We will skip some thousands of years and go there ourselves somewhere about 2,000 B.C. Here we shall see the people splitting the big stones that lie about with the aid of fire and then pounding off the inequalities with heavy stone mauls before the surfaces are finished with stone axes. Then with levers and rollers they move the stones forward to where they are building a sun temple where, with appropriate sacrifice, they can worship the Lord and Giver of Life. For this reason, we call them the megalithic builders, because they used large stones which they set up on end and bridged with a lintel.

Now we come to one of the stepping stones in the course of civilization. About this time other races of men were finding their way into England and one stream came from the Eastern Mediterranean by way of Gaul.

The First Sight of Metal.

The new-comers were dark and broad-headed, but the momentous fact about them is that they brought with them flat bronze axes. Imagine the commotion and astonishment which would have been caused by seeing metal for the first time!

The Neolithic Man spent months flaking his flint axe and it may have splintered the first time that he brought it down on the skull of a springing wolf, and now he was confronted with a new material which was tough and would not splinter. If the edge was dented, it could easily be straightened out, because bronze can be forged when cold.

With the advent of iron, man was able to make great progress. He still lived on the hill-tops, because even bronze would not make much impression on the dense forests; but he improved his camps and added banks and ditches and made the entrances veritable mazes for the unwary. He had to do this because he was accumulating more and more property and with it, he accumulated worry; but bronze helped him, because with it he made good swords, daggers and shields and could fight for his possessions.

Founders of Modern England.

Life was becoming easier. The Bronze Age men were bigger and better nourished than their fore-runners. They learned to spin and weave cloth for clothing instead of skins, and made bronze razors and shaved, with oil as a lubricant.

So life went on. The Goidels, Gaels, or Celts, began to arrive about 700 to 500 B.C., and they were the fore-runners of the Irish, Manx and Highlanders, and then we come to another stepping stone. About 450 B.C. the Brythons, or Britons, began to arrive, and they not only gave their name to our country, but they started modern England because they introduced iron. Man was now much better armed for another assault on Nature and moved down from the hill-tops; but he was timorous of lowlands and the unexpectedness of the woods, so, instead of the palisade of the camp, he put a girdle of water between himself and the ferocity of wolves or other men.

Listeners' Letters.

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

Wireless by Night and Day.

DEAR SIR,—I was very interested in an article in *The Radio Times* called "Light and Your Set," and would like to know if I am correct in believing that in the earliest history of wireless messages could not be sent during the bright sunlight hours, and that transmissions were only sent at night.

Yours, etc.,

Weston-super-Mare. (Mrs.) H. LE R.

[From the earliest days it has been recognized that wireless messages could be transmitted greater distances by night than by day. This still holds good. The B.B.C. programmes, for instance, cannot be heard in Christiania in the daytime, but they are clearly audible at night.]

Tut-Tut!

DEAR SIR,—The other day, our butcher boy was the cause of some amusement.

Knowing that I had a receiving set, he hinted that he would like to hear it work as he had only listened once, and that was, to use his own words: "When Lord Knutsford was making an appeal for something or other; but it wasn't a success, as his voice kept on being interrupted by 'osculation!'"

Yours, etc.,

Dover.

C. F. T.

Success Through Listening.

DEAR SIR,—In the Spring Mr. Handley gave a talk on Bee-keeping from Birmingham which so interested me that I determined to make a start.

I bought one stock of bees at the end of April and a swarm in May, and from them I have had half a hundredweight of honey after leaving their winter store. I also thought I would try my luck in the Warwickshire Beekeepers' Show, which was held at Sutton Coldfield, and I received first prize in Members' Class, V.H.C. and reserve in two other classes, and V.H.C. for beeswax.

Yours, etc.,

Birmingham.

N. F. M.

The Children's Corner from Chelmsford.

DEAR SIR,—The addition of the afternoon transmission from Chelmsford is greatly appreciated, but there will be general disappointment in many homes outside the London area if it does not include the London Children's Corner, which is one of the brightest features of the B.B.C. programmes.

Yours, etc.,

Westcliff-on-Sea.

I. W. P.

[The High Power Station will include the London Children's Corner when the station is moved to its permanent quarters.]

Too Much Savoy Bands?

DEAR SIR,—I should like to express the opinion, which I know is shared by many beside myself, that we are having rather more Savoy Bands transmissions at the present time than the average listener can appreciate.

A man returns home from his day's work, has tea, then probably about nine o'clock he is free to light his pipe and enjoy an hour's music before retiring to bed. At 9.30 there is a half-hour break for news, etc. At 10 p.m. he hears: "We are now going over to the Savoy Hotel for an hour's dance music."

Now, does the average home appreciate this? I think not, and I would suggest that it is a style of music of which one quickly tires.

Yours, etc.,

Winchmore Hill, N.

B. W.

[The Savoy Bands are broadcast only three times per week out of eight transmissions.]

(Continued in column 3, page 386.)

Official News and Views. GOSSIP ABOUT BROADCASTING.

Broadcasting from a Mine.

ARRANGEMENTS have been completed by the Leeds-Bradford Relay Station for the broadcasting of a concert from a mine, 1,500 feet below the surface of the ground. Mr. George Lister, a Leeds comedian, and the Whitwood Collieries Silver Prize Band will form the programme. This novel entertainment will be given by permission of Messrs. Henry Briggs, Son & Co., Ltd., Whitwood Collieries, Normanton, on Friday evening, November 28th.

In Memory of a Great Musician.

One of the most distinguished living musical scholars, Professor D. F. Tovey, of Edinburgh University, will give a short lecture recital on Mozart at the Edinburgh Station on Friday, December 5th, to commemorate the occasion of the great musician's death. On the same evening Mr. George Macdonald, C.B., LL.D., will give another talk on "The Romans in Scotland," a subject on which he is recognised as the leading authority.

Cardiff's Mozart Programme.

A Mozart programme, contributed by two famous artists—Miss Daisy Kennedy, solo violin, and Mr. Maurice Cole, solo pianoforte—will be given at the Cardiff Station on Friday, December 5th. Two Mozart sonatas for violin and pianoforte will be included in the programme.

"High-Brow" Music on Saturday.

The Wagner-Tchaikovsky programme given at the London Station on a recent Saturday evening was found widely acceptable. The experiment was interesting in view of the general belief that a Saturday night programme should contain nothing but light, popular items.

Tannhäuser and Lohengrin.

The idea is again embodied in the programme to be broadcast on Sunday afternoon, November 30th, from London.

In addition to Tchaikovsky's "Chanson Triste" and "Chant sans Paroles," the *Tannhäuser* Overture and the Introduction to Act III. of *Lohengrin* will be given. Of the "Symphonie Pathétique," by Tchaikovsky, the Five-Four Movement and Scherzo are the most popular movements, and these will conclude the programme.

The London Scottish Choir.

On St. Andrew's Night (November 30th), the London programme will be distinctly Scottish and will contain, instead of the usual hymns, two fine old Psalm tunes, "Stracathro" and "Orlington." These will be sung by the London Scottish Choir, conducted by Mr. J. D. M. Hodge. The same choir will also give part-song arrangements of well-known Scottish tunes.

An Interesting Debut.

Miss Marjorie Gullan's verse-speaking choir will make their first appearance before the microphone on Sunday evening, November 30th, in London. Miss Gullan is well known for her beautifully-rendered readings from the Bible, and she will give listeners a short reading of this nature.

The St. Andrew's Night address will be given by the Rev. Archibald Fleming, D.D., of St. Colomba's (Church of Scotland), Pont Street, London, W.

Radio Fantasies.

The second of a series of Radio Fantasies will be given at the Birmingham Station on Wednesday, December 3rd, at 8 p.m. The idea is

to blend a harmony from the arts of Music and Poetry. The present series centre around the Seasons; the first, "Crown of the Year," represented Autumn, and that to be given on December 3rd, "Life's Slumber Time," will represent Winter.

Three thousand listeners in all parts of the Kingdom wrote in appreciation of "The Crown of the Year." It is, therefore, proposed to continue the series at intervals.

West Country Ballads.

Some of the most famous old British ballads, in particular those of the West Country, will be sung by Miss Carmen Hill and Mr. Kenneth Ellis at the Cardiff Station on Tuesday, December 2nd.

Manchester Organ Recitals.

The first of a series of organ recitals by Dr. Kendrick Pyne will be relayed from the Town Hall, Manchester, on Saturday, December 6th. Before he was twenty, Dr. Kendrick Pyne had held three successive positions as organist in the West of England. In 1875 he was appointed organist of Manchester Cathedral, in succession to the late Sir Frederick Bridge. He has since spent most of a long and distinguished musical career in Manchester, being created Doctor of Music by the Archbishop of Canterbury in 1900. His recital on December 6th will include Bach's superb Prelude and Fugue in A Minor and Widor's Organ Symphony in F Minor.

Liverpool Composers.

The Liverpool Station Symphony Orchestra is making its second appearance on December 5th. The occasion is an evening devoted entirely to the works of Liverpool composers. The conductor will be Mr. Gordon E. Stutely, one of whose compositions—"Romance" for violin and orchestra—is to be performed. There will be a Comedy Overture by Alfred Sutton; Pianoforte Concerto in D Flat Major, by Douglas Miller (with the composer at the piano); Suite for Orchestra, "The Joy of Life," by the late F. Morrison; and the Suite, "The Open

Road," by F. Nicholls. Mr. George Hill will sing two groups of baritone songs, composed by Norman Peterkin—one group with string quartet accompaniment, and the other accompanied by the piano. Miss Alice Vaughan, contralto, will sing two groups of songs by F. Nicholls, who will accompany her. Humour will be provided by Stanbury and Barry, local entertainers at the piano, who compose their own songs.

A Novel "Children's Corner."

The Artistic Director has arranged for Monday, November 24th, a programme which should make a strong appeal to all who are interested in children. It will be, in effect, a "Children's Corner for Grown-Ups." The items, as the programme shows, are all essentially "grown up," yet they are intimately concerned with the delicate and quaint fancies or facts of childhood's imagination and experience.

The First Broadcast British Opera.

The short, romantic opera, *Elizabeth*, by A. Corbett-Smith, was the first opera by a British composer ever broadcast in any country. It was also the first opera ever broadcast from a studio by the B.B.C. An admirable cast has been secured for the first London performance, on Monday, November 24th.

Nottingham Women Singers.

One of the finest prize choirs of women in the country—William Turner's Ladies' Prize Choir—is to broadcast from the Nottingham Studio on Friday, November 28th. This choir was inaugurated at Nottingham in 1902, has a membership of 140 Nottingham women, and has won forty prizes in open competitions, including twenty first prizes. On four occasions it has carried off the first prize from the National Eisteddfod of Wales; it won the first prize at the Birmingham Musical Festival in 1922, and it has gained first prize at musical festivals in Liverpool, Leicester, Nottingham and other cities. Mr. Turner, who founded the Choir, is still the conductor and organizer.

A Clever Entertainer.

Captain H. A. Brown, Secretary of the Nottingham Cricket Club, is a clever entertainer at the piano. He will be heard from the Nottingham Station on Friday, November 28th.

Three Wireless Plays.

Mr. William Macready, Dramatic Producer at the Birmingham Station, is paying a return visit to Liverpool with three short plays, on November 28th. The plays are *Delicate Ground*, by Charles Dance; *The Irish Doctor*, by J. K. Wood; *Number Thirteen*, by George Robinson. Mr. Macready is being supported by Miss Edna Godfrey-Turner, who was with him on his previous visit in *David Garrick*, Miss Edna Lester and Mr. Parker Lynch. Incidental music will be played by the Station Trio.

Old English Music.

A feast for lovers of Old English music will be provided by the Bournemouth Station on Friday, December 5th. The programme will consist of the works of Byrd, Purcell and Arne. The singers will be Miss Kate Winter, Miss Gladys Palmer, Mr. Sydney Coltham, and Mr. Harold Williams. The instrumental music will be rendered by Miss Anne Farnell-Watson at the Harpsichord and by the Wireless String Orchestra.



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THE NATIVITY. By PIERO DELLA FRANCESCA.

This picture will be among those to be discussed by Mr. Stewart Dick in his talk from London, on Monday, November 24th, on "The Nation's Pictures—Fra Filippo and Piero della Francesca."

Pieces in the Programmes.

A Weekly Feature Conducted by Percy A. Scholes.

HOLST'S "PLANETS."

(BIRMINGHAM, TUESDAY.)

THE "Planets" is a big-scale orchestral work in seven sections of which the first four are to be performed to-night.

The intention of the work has nothing to do with either astronomy or classical mythology. The composer's idea has been to represent in music the emotions connected with the supposed astrological significance of the planets.

To express what is in his mind he employs a very large orchestra, including two Tubas, Bells, Gong, Glockenspiel, Celesta, Xylophone, Harps and Organ.

In what follows I have incorporated the description by the composer himself, as given to me before the first performance in 1920 and have indicated his words by the use of italics.

I.—MARS, THE BRINGER OF WAR.

Here we have the conception of *sheer brutality and the senselessness of strife*. There is none of the pageantry of war, none of the "glory" of conquest, none even of the pride of self-defence. This is war as the victorious General Sherman described it some time in the middle of the last century, and as many have found it to be in our own days—"Hell with the lid off." But Holst's Hell is not a realistic hell; it is rather the spirit than the body of devilry that he gives us. It is Hell sublimated—but Hell all the same.

Note the relentless rhythm of the opening—five in a bar. It persists almost throughout the piece, and attains a cumulative force that becomes almost unbearable. As first heard this rhythm is given by STRINGS played *collegno* (i.e., tapped with the wood of the bow, instead of played with the hair), a KETTLEDRUM played with wooden sticks (instead of the usual felt-headed sticks) and HARPS, giving the rhythm in an octave "ping," low down their compass. Against all this the GONG gives out a continuous tremulous vibration. The effect of the whole is bare, gaunt and sinister.

For a close description of the rest of the piece space is insufficient; but its general spirit has been sufficiently indicated.

II.—VENUS, THE BRINGER OF PEACE.

This is a study in soft orchestral tints.

Really this is perhaps an expression of pure beauty, rather than of peace, which is, after all, a purely negative thing. In any case it is essentially an intense peace of mind that is pictured rather than a mere peace of nature.

III.—MERCURY, THE WINGED MESSENGER.

Here we have volatility—a rushing through space and never settling anywhere.

This movement has been described as inferior. To me it is one of the best Scherzos (i.e. light, rapid jocular pieces) ever written. The composer has set out to suggest lightness, grace and the speed of thought, and has perfectly succeeded. Here is a combination of Puck and Ariel, and the humour that is present takes a truly Puckish tinge, i.e., it is not gross or grinning, but light-hearted and merry.

IV.—JUPITER, THE BRINGER OF JOLLITY.

The Thunderer is not represented. Instead we have the jollity that likes good meat and drink. In the middle we have the dignity of Jupiter, in a fine folk-songish strain that Dr. Vaughan Williams has described as not quite fitting for its context. (He says it ought to be set to appropriate words for the singing of great crowds at public celebrations.) As for the jollity, one who was present at the first rehearsal tells me that whilst this portion was being played, the Queen's Hall charwomen

were found to have put down their brooms and buckets and to be dancing in the corridors, and the Double-Basses of the orchestra (when not for the moment professionally occupied) were seen to be rhythmically bobbing up and down behind their instruments. I mention this incident with some timidity, as when once before I alluded to it in print I received a letter from "The Queen's Hall Dusty Fairies" protesting that I might have got them discharged! Years have, however, passed, and the lovable offence is surely now "statute-run."

FRANCK'S SYMPHONY.

(MANCHESTER, FRIDAY.)

César Franck (1822-90) was Belgian born but lived all his life in Paris, where he occupied positions as an organist and as a professor of the Conservatoire. His music is serious and often highly emotional, sincerely felt and generally extremely beautiful.

The Symphony has three Movements. Tunes from the first and second Movement recur in the third, so binding the whole work together.

I.

There is a *slow* Introduction. Note its opening Tune in the LOWER STRINGS: a great deal grows out of this.

Then comes a *quick* passage in which that opening Tune is extended, and stiffened into something very vigorous and forceful—really the FIRST MAIN TUNE of the Movement.

Then the *slow* passage returns; the *quick* First Main Tune is heard again, and is now followed by a SECOND MAIN TUNE—a tender one, opening, in STRINGS alone, with a scale-wise ascent of four notes, by which it can easily be recognized whenever it returns.

This material is developed for a little time, and then there grows up an orchestral climax, and at its height there is a triumphant syncopated tune for FULL ORCHESTRA—a THIRD MAIN TUNE.

From this point on it is a matter of development and then of recapitulation of the material heard, and listeners should by now be well acquainted with this.

II.

At a gentle, but not slow speed. STRINGS plucked (*pizzicato*) and HARPS begin with a Tune of tender melancholy. In a moment the COR ANGLAIS (or Alto Oboe) creeps in with a graceful tune, which should be well noted, as it is of importance not only in this Movement but in the last one.

A somewhat livelier mood is represented by the middle portion of the Movement, and then the gentle melancholy returns.

III.

Quick, but not too quick. This is a Movement of imposing strength and vigour. After five or six bars of Introduction the Cellos enter with the joyous FIRST TUNE.

The SECOND TUNE, some little time later, cannot be missed; it opens with a dignified phrase for BRASS alone.

From these Tunes, and several from the preceding Movements, a magnificent finale is evolved.

RIMSKY-KORSAKOV'S "SPANISH CAPRICCIO."

(BELFAST, WEDNESDAY, and MANCHESTER, FRIDAY.)

This famous Russian composer (1844-1908) has here essayed a brilliant composition in the Spanish style, full of vivid colour. There are five Movements—

I.—*Alborado*. II.—*Variations*. III.—*Alborado*. IV.—*Gipsy Scene and Song*. V.—*An Asturian Fandango*.

Listeners' Letters

(Continued from page 384.)

Musical Competitions.

DEAR SIR,—Would it be possible to broadcast a part of the musical competitions from the local stations? Many people would like to hear the winners in each section, and these could be broadcast without interfering with the general arrangements.

Yours, etc.,

Hull.

L. B.

[Selected prize winners in musical competitions are broadcast occasionally.]

Do Stations Close Too Early?

DEAR SIR,—My complaint against the B.B.C. is the early hour they are sending us to bed.

I think it is ridiculous to close all stations down at 10.30 p.m. A few months back we had three nights per week up to midnight. My suggestion is that one station should remain open every week-night until midnight. This would not entail too much labour, if the stations were to take the late night in turns.

Yours, etc.,

Liverpool.

A. C.

[All stations do not close down at 10.30 p.m. If this correspondent would examine daily the close-down hour of each station in *The Radio Times*, he would see that his criticism is a fictitious one.]

A Licence Query.

DEAR SIR,—Would it be possible to pay our licence half-yearly instead of yearly? I think this would help a lot of people. Ten shillings may not be much, but to us it means saving out of a small weekly wage. It took us months to save up to get our home-made set, not for the cost of the works, but for the 'phones and licence. But we would not be without it for worlds.

Yours, etc.,

Plumstead, S.E.

E. B.

Saved by an Aerial?

DEAR SIR,—The other day I was slightly struck by lightning. It first struck my head and scorched it, and ran through my body.

We have an outdoor aerial, which, in my opinion, took the full force of the lightning; otherwise, the house would have been struck and I might have lost my life.

As the lightning ran to earth it wrenched the solder off the earth wire which is attached to the water-tap.

Yours, etc.,

North Woolwich.

M. B.



BLACK-BACKED GULL AND ARCTIC TERN.

These birds will be described by Mr. E. Kay Robinson during his talk on "British Birds" to be given from London on Tuesday, November 25th.

EVENTS OF THE WEEK.

SUNDAY, November 23rd.
LONDON, 9.0.—Light Programme by the J. H. Squire Celeste Octet.
BIRMINGHAM, 8.30.—William Murdoch (Solo Pianoforte).
BOURNEMOUTH, 3.0.—The Band of 2nd Batt. The Hampshire Regiment, relayed from South Parade Pier, Southsea.
BOURNEMOUTH, 8.50.—Mendelssohn Concert.
CARDIFF, 9.0.—"Hymns Throughout the Ages."
NEWCASTLE, 9.0.—Astra Desmond (Contralto) and Walter Gieseking (Solo Pianoforte).
MONDAY, November 24th.
LONDON, 7.30.—Comedy and Romance. S.B. to other Stations.
BOURNEMOUTH, 8.0.—The Bournemouth Municipal Orchestra. Conductor, Sir Dan Godfrey.
TUESDAY, November 25th.
BIRMINGHAM, 8.30.—Concert by the City of Birmingham Symphony Orchestra. S.B. to London, Bournemouth, and Cardiff.
MANCHESTER, 7.30.—"Under Italian Skies."
NEWCASTLE, 8.30.—Russian Opera and Ballet.
GLASGOW, 8.0.—The Scottish Orchestra. Conducted by Felix Weingartner. S.B. to Aberdeen and Edinburgh.
BELFAST, 7.30.—Irish Night.
WEDNESDAY, November 26th.
BIRMINGHAM, 7.30.—"A Tale of Old Japan."
BOURNEMOUTH, 7.30.—"Pictures."
CARDIFF, 7.30.—Another Bunch of Sweet Lavender.
MANCHESTER, 7.30.—The Play, "A Butterfly on the Wheel."
NEWCASTLE, 7.30.—Selections from Opera.
BELFAST, 7.30.—Russian Music.
THURSDAY, November 27th.
ALL STATIONS (except Belfast), 7.30.—Part of the Hallé Concert.
ALL STATIONS (except Belfast), 8.20.—Willie Rouse will introduce a few "Bohemians."
BELFAST, 7.35.—Elgar and other Music.
FRIDAY, November 28th.
BIRMINGHAM, 7.30.—An Evening of Musical Comedy.
BOURNEMOUTH, 7.30.—Operatic and Instrumental Night.
CARDIFF, 7.30.—Music and Drama.
MANCHESTER, 7.30.—Symphony Concert.
NEWCASTLE, 7.30.—Irish Melodies and Songs of Many Lands.
ABERDEEN, 7.30.—Music—Humour—Drama.
GLASGOW, 7.45.—Scots Play Night.
LEEDS-BRADFORD, 8.30.—A Concert from the Pit-bottom, 1,500 feet deep.
SATURDAY, November 29th.
LONDON, 7.30.—The Band of H.M. Scots Guards.
BIRMINGHAM, 7.30.—"Elijah."
CARDIFF, 8.30.—The Famous "All Blacks" (New Zealand Rugby Football Team). S.B. to all Stations except Birmingham.
MANCHESTER, 7.30.—Scottish Night.
ABERDEEN, 7.30.—Vocal Night.
BELFAST, 7.30.—Band of the 1st Batt. The Lincolnshire Regiment.

PEOPLE IN THE PROGRAMMES.

A Daughter of Ibsen.



Miss REBECCA WEST.

AN interesting symposium might be compiled if some of our best-known writers would confess why they chose their *noms-de-plume*. Everybody knows that authoresses are more partial to pseudonyms than authors, but what led to the choice of such names as, say, George Eliot, Ouida, or Michael Orme, few could say off-hand.

Rebecca West is another case in point. Of her many admirers, not one in a thousand is aware that her real name is Miss Fairfield, and that she chose her pseudonym because she was actually playing Rebecca West in Ibsen's *Rosmersholm* when, at the age of eighteen, she began contributing to the *Freewoman*. She was originally designed for an actress.

Bernard Shaw in Skirts!

MISS WEST, who will be interviewed before the microphone by Miss Jane Barrington in the London Studio on Friday, November 28th, is, perhaps, the most brilliant literary critic of her sex now before the public. She is also one of the most scintillating conversationalists of our time.

It has been whispered that when she wants a little really light reading, she chooses a treatise on tropical diseases, a history of marine turbines or an examination of the political state of the Seljuk Turks in the twelfth century. But she is never dull. She is, indeed, the nearest thing going to Bernard Shaw in skirts.

Science Without Sighs.

ANOTHER celebrity who is never a dull companion is Sir William Bragg, F.R.S., due to talk on "Sounds of the Voice" from the London Station on Tuesday, November 25th. Although he won the Nobel Prize for Physics in 1916, he is no dry-as-dust highbrow.

He is an expert on atoms and crystals and gases, but when he appears with a dish of sand on a drum or a tank full of ping-pong balls, he is as good as a conjurer.

As somebody said at one of his lectures: "He takes the 'sigh' out of science."

A Mira Admirer.



Miss MIRA JOHNSON.

UNTIL two years ago, Miss Mira Johnson, who broadcasts from the Hull Relay Station, was a purely humorous entertainer.

Then she attended a musical evening, where a lady recited "The Whitest Man I Know." The item over, Miss Johnson went into the next room, where an old man had been sitting, listening.

"My dear young lady!" he exclaimed, stretching out his hands, "how you have improved! I congratulate you! That strong stuff is much better than your old light items!"

Miss Johnson said nothing. But she began studying "strong stuff." And her admirers will agree that the old gentleman deserves a medal.

A Great Conductor.

SIR DAN GODFREY, who will conduct the Bournemouth Municipal Orchestra on Monday, November 24th, became bandmaster to the 2nd Life Guards at the age of twenty-one.

Favourites All!

MISS EDYTHE KYNCHÉ, soprano, whose singing is appreciated by Bournemouth listeners because of the purity of her tone and because you can hear every word she utters; Mr. E. G. Hemmerde, K.C., whose play, *The Butterfly on the Wheel*, will be broadcast by the "2ZY" Dramatic Co., from Manchester on Wednesday, November 26th, and once, when an elector cried, "Even if you were the Archangel Gabriel, I wouldn't give you a vote," retorted: "If I were the Archangel Gabriel, you wouldn't be on the register."



Miss EDYTHE KYNCHÉ.

Miss Nellie Walker, contralto, broadcasting from "2LO" on November 26th, and not to be confused (as she once was) with Miss Nellie Wallace.

Golden Notes.

OTHELLO said that Desdemona's voice would charm the savageness out of a bear. The voice of Mr. Walter Hyde, who will sing in the first London performance of Major A. Corbett-Smith's *Elizabeth* on Monday, November 24th, would melt a stone. It is pure gold. Whereby hangs a tale.

Said Manager No. 1 to Manager No. 2: "I need a 'tenner'."

Thereupon Manager No. 2 led him into Covent Garden and, pointing to Mr. Hyde on the stage, said: "Your tenor."

"You don't understand," said Manager No. 1, "I wanted money."

"Well," retorted Manager No. 2, "I am offering it to you—in notes."

A Victorian Expert.



Rev. WALTER MURSELL.

NOW that Victorianism is once more the vogue, the Rev. Walter Mursell, who knows all about the Victorian novel, is very much in demand.

His virtue as a speaker is that he sends people straight to the books he talks about—which means a boom among broadcasters, who hear him talking from the Aberdeen Station, in Charles Dickens, Charlotte Brontë, George Macdonald, George Eliot, Thomas Hardy and Robert Louis Stevenson. Could we produce six novelists to match them to-day?

A Friend of the Kiddies.

MR. WILLIE COCHRANE, who broadcasts from Manchester, is a great friend of the kiddies. Nothing delights him more than singing to them as "Uncle Willie." But one of his best stories deals not with children, but with hoary veterans.

Some years ago, when he was motoring in the Highlands, he called at an inn to inquire about the health of the proprietor—ninety-three years of age. The old man was sitting in a chair outside the door.

"Oh," he answered, "ah'm a' richt, but the puir laddie is no sse weel."

The puir laddie was his son. A stripling of seventy-two.

"OYEZ."

At a meeting of the Exeter Rotary Club recently it was complained that the city's trams disturbed the reception of broadcasting.

WIRELESS PROGRAMME—SUNDAY (Nov. 23rd.)

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

2LO LONDON. 365 M.

- Organ Recital.**
Relayed from
The National Institute for the Blind,
Great Portland Street.
S.B. to Newcastle.
Organist:
LEONARD A. MARSH.
BELLA REDFORD (Mezzo-Soprano).
OSMOND DAVIS (Tenor).
VYVYAN LEWIS (Solo Violoncello).
CHARLES LEGGETT (Solo Cornet).
- 3.0. The Organ.
Sonata No. 2 *Mendelssohn*
Osmond Davis.
"In Native Worth" ("The Creation")
Haydn
"I Will Go With My Father a-Ploughing"
Quilter (4)
Vyvyan Lewis.
Sonata *Sammartini-Salmon*
Bella Redford.
"Ave Maria" *Schubert*
"I Got a Robe" (Negro Spiritual)
arr. H. T. Burleigh
"Elégie" *Massenet*
Charles Leggett.
"The Children's Home" *Cowen*
3.45 (approx.) The Organ.
Caprice *Johnson* (14)
Elfentang *Johnson* (14)
Military March *Schubert*
Osmond Davis.
"A Soft Day" *Stanford* (14)
"Mopsa" *Stanford* (4)
"Inconsequent Ballad" *Gerrard Williams*
Vyvyan Lewis.
"Hungarian Rhapsody" *Popper*
Bella Redford.
"The Songs My Mother Sang"
Trad. arr. Grimshaw (1)
"Love's Garden of Roses" .. *Haydn Wood*
Charles Leggett.
"Mary" *Richardson*
The Organ.
Polonaise in A Major *Chopin*
Berceuse *Marsh*
Fugue on "The Sailor's Hornpipe"
Richards
- 5.0-5.30.—CHILDREN'S CORNER. *S.B.*
from Aberdeen.
8.0. The Bells of St. Martin's.
8.15. A SIMPLE EVENING SERVICE,
in which all people can take part.
With an Address by
The Rev. CHARLES H. RITCHIE.
Relayed from
ST. MARTIN-IN-THE-FIELDS.
- 9.0. **Light Programme**
by the
J. H. SQUIRE CELESTE OCTET.
Under the Leadership of
MAYER GORDON.
At the Piano, FRANK READE.
VIOLET LEE (Soprano).
DENNIS NOBLE (Baritone).
The Octet.
Overture, "Phédre" *Massenet*
Violet Lee.
"Air de Lia" ("L'Enfant Prodigue")
Debussy
"A Butterfly's Kiss" *Landon Ronald* (5)
Violin Solos.
"On Wings of Song" *Mendelssohn*
"Ronde des Lutins" *Bazzini*
(Soloist, MAYER GORDON.)
Dennis Noble.
"Vision Fugitive" ("Hérodiade")
Massenet
"Gazing Around" ("Tannhäuser")
Wagner
The Octet.
Selection of Sir Arthur Sullivan's Songs
Henley (1)
Violet Lee.
"A Fairy Fantasy" *Arthur Godfrey* (1)
"A Wedding in June" .. *Sanderson* (1)

- The Octet.
Fantasia, "Scène de Ballet" *de Beriot-Sear*
10.0.—TIME SIGNAL FROM GREENWICH.
WEATHER FORECAST and GENERAL NEWS BULLETIN. *S.B. to all Stations.* Local News.
10.15. The Octet.
S.B. to Glasgow.
"The Butterfly" *Bendix*
(Solo Celeste, FRANK READE.)
Dennis Noble.
"The Coat of Arms" (From "Ye Olde
"The Tapestries" .. Hall")
"The Chapel" *Ernest Crampton*
The Octet.
"Drink to Me Only With Thine Eyes"
arr. Quilter
"God is a Spirit" .. *Sterndale-Bennett*
10.35. Close down.

5IT BIRMINGHAM. 475 M.

- 3.0-5.0. THE STATION PIANOFORTE
QUINTET.
NELLIE SOUTHWORTH (Soprano).
WILFRED SOUTHWORTH (Solo Piano-
forte).
Pianoforte Quintet.
Fantasia, "I Pagliacci"
Leoncavallo, arr. Tavan
Songs.
Song Cycle, "Life of a Rose"
Liza Lehmann (1)
Pianoforte Solos.
Romance in D Flat *Sibelius*
"Papillons" *Grieg*
"Lento" (Two Pierrot Pieces) *Cyril Scott* (1)
Pianoforte Quintet.
Selection of Sanderson's Popular Songs
arr. Baynes (1)
Songs.
"The Tryst" *Sibelius*
"In the Silent Night" *Rachmaninov*
"To-Morrow" *Wilfred Southworth*
Pianoforte Solos.
"Sous Bois" *Victor Staub*
"Evening Whispers" *Palmgren*
"Fireflies" *Frank Bridge*
Pianoforte Quintet.
Suite, "Four American Indian Songs"
Cadman (1)
- 5.0-5.30.—CHILDREN'S CORNER. *S.B.*
from Aberdeen.
8.0. Religious Service:
Conducted by Canon S. BLOFELD.
Relayed from St. Mary's Church, Acocks
Green.
8.30. THE STATION ORCHESTRA:
Conducted by JOSEPH LEWIS.
ROSE MYRTIL (Mezzo-Soprano).
WILLIAM MURDOCH (Solo Piano-
forte).
Pianoforte Solos.
Prelude and Fugue in G Major, Book II.
Bach
Arietta *Leonard Leo*
Les Barricades Mystérieuses ... *Couperin*
Toccata in A *Paradies*
Songs.
"All Praises to the Lord" } *Bach*
"Laudamus Te," from Mass in B }
Minor }
"Qui sedes ad dexteram" }
"Agnus Dei" }
Orchestra.
Overture, "The Merry Wives of Windsor"
Nicolai
Suite, "Rustique" *Engelmann*
Two Movements from "Moonlight Sonata"
Beethoven
Songs.
"Into Thy Hands—God's Time is Best"
Bach (11)
"Lord, What Wilt Thou" }
"In This Grace Believe, O Mortals" } *Bach*
"Murmur Not, Christian Soul" }
Pianoforte Solos.
Nocturne in C Sharp Minor, Op. 27.
No. 1 }
Fantasia, Impromptu } *Chopin*
Étude in E Flat Minor, Op. 12 }
Ballade in G Minor, Op. 23 }

- 10.0.—WEATHER FORECAST and NEWS.
S.B. from London. Local News.
Orchestra.
"Finnish Lullaby" *Palmgren*
10.20.—Close down.

6BM BOURNEMOUTH. 385 M.

- 3.0.—THE BAND OF THE 2ND BATT,
THE HAMPSHIRE REGIMENT.
Relayed from South Parade Pier, Southsea.
3.30. MURIEL GOLTON (Contralto).
"Arise O Sun" *Craske-Day*
"So Little Time" *Lohr*
3.40. SYDNEY EGERTON (Tenor).
"Angels Guard Thee" .. *Benjamin Godard*
"As You Pass By" .. *Kennedy Russell* (1)
"Awake" *H. E. Pether* (7)
3.50. Muriel Golton.
"The Lord is my Light" *Allitsen* (1)
"Slumber, Dear Maid" *Handel*
4.0. The Band.
4.20. Sydney Egerton.
"The Kingdom Beautiful" *Hartwell Jones*
"Lead, Kindly Light" .. *Pugh Evans* (11)
"Morning" *O. Speaks*
4.30. The Band.
5.0-5.30.—CHILDREN'S CORNER. *S.B.*
from Aberdeen.
8.30. Choir of St. Paul's Church.
Anthem, "Lord of all Power and Might."
8.35.—The Rev. M. C. BROWNLOW, Vicar of
St. Paul's Church: Religious Address.
8.45.—Choir. Hymn, "The King of Love my
"Shepherd is."
"Mendelssohn."
LEONARD KELLY (Baritone).
THE WIRELESS ORCHESTRA:
Conducted by
Capt. W. A. FEATHERSTONE.
THE "6 BM" TRIO:
Orchestra.
8.50. "The Italian Symphony," 1st and 2nd
Movements.
9.10. Leonard Kelly.
"Death Song of the Boyard."
"Traveller's Song."
9.15. The Trio.
1st Movement from Trio in D Minor.
9.25. Orchestra.
"The Italian Symphony," 3rd and 4th
Movements.
9.45. Leonard Kelly.
"When Through the Piazzetta."
"The Garland."
9.55. Orchestra.
"Two Songs Without Words."
"The Spinning Song"; "Spring Song."
10.0.—WEATHER FORECAST and NEWS.
S.B. from London. Local News.
10.10. Orchestra.
Song without Words. Andante Religioso.
10.15.—Close down.
- 5WA CARDIFF. 351 M.
3.0-4.30. THE CORY SILVER BAND:
Conductor, J. G. DOBBINS.
ARCHIE GAY (Tenor).
Band.
Marche Militaire *Schubert*
Overture, "Pique-Dame" *Suppe*
Archie Gay.
"Your Tiny Hand Is Frozen" ("La
Bobème") *Puccini*
"An Interlude" .. *Easthope Martin* (5)
Band.
Selection, "Moses in Egypt" *Rossini*
"God Is Our
Refuge" *Carey* (1)
Cornet Solos "As You Pass
By" *Russell* (1)
(Soloist, A. TROTMAN.)
Archie Gay.
"I Hear You Calling Me" .. *Marshall* (1)
"There's a Gold Moon in the Sky"
A. Meale (5)

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 401.

WIRELESS PROGRAMME—SUNDAY (Nov. 23rd.)

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

Band.
Incidental Music, "Monsieur Beaucaire"
Rosse
Trombone Solo, "Lend Me Your Aid"
Gounod
Archie Gay,
"Mountain Lovers" *Squire* (1)
Two Little Irish Songs *H. Lohr*
Band.
Four Indian Love Lyrics
A. Woodforde-Finden (1)
"In a Monastery Garden" *Ketelbey* (8)
5.0-5.30.—CHILDREN'S CORNER. *S.B. from Aberdeen.*
8.30. The Choir of Wood Street Congregational Church.
The Rev. T. PRICE-HAINES: Asst. Pastor of Wood Street Congregational Church—"The Charter of Christianity—(2), Its Meaning for the Home."
9.0. **Hymns Throughout the Ages.**
THE "5WA" CHOIR.
THE STATION ORCHESTRA AND ORGAN:
Conductor,
WARWICK BRAITHWAITE.
Preliminary Talk by H. E. Piggott, M.A. Choir.
"All People That on Earth Do Dwell."
"Pray When the Morn is Breaking."
"Jesu, Lover of My Soul."
"Ye Holy Angels Bright."
Orchestra.
Air from Suite in D Major *Bach*
Choir.
"The King of Love My Shepherd Is."
"Holy, Holy, Holy."
"Sing Praise to God Who Reigns Above."
"Pray That Jerusalem May Have."
Orchestra.
Symphony in C Minor *Beethoven*
2nd Movement, Andante con moto.
Choir.
"Who Is This, With Garments Gory?"
"Be Thou My Guardian."
"Come Unto Me, Ye Weary."
"For All the Saints."
10.0.—WEATHER FORECAST and NEWS. *S.B. from London.* Local News.
10.15. Orchestra.
Suite, "On Jhelum River"
Woodforde-Finden (1)
10.30.—"The Silent Fellowship."
10.45.—Close down.

2ZY MANCHESTER. 375 M

3.0-5.0. CULCHETH (MANCHESTER) MILITARY BAND.
Conductor: THOMAS HILL.
HERBERT RUDDOCK (Bass).
Band.
March, "Old Comrades" *Teike*
Overture, "The Black Domino" .. *Auber*
Two Favourite Pieces *Handel*
Bass Solos.
"For the Mountains Shall Depart"
Mendelssohn (11)
"The Lord is My Light" *Allitsen* (1)
Band.
"Grand Caprice Militaire" *Herzele*
Spanish Ballet, "Divertissement Espagnol"
Desormes
Bass Solos.
"When the King Went Forth to War"
Koeneman
"The Vagabond" .. *Vaughan Williams* (1)
Band.
Piccolo Solo, "The Lark's Festival" *Brewer*
Selection, "La Fille de Madame Angot"
Lecocq (1)
Bass Solos.
"The Sun God" *James*
"Young Dietrich" *Henschel*
Band.
"Reminiscences of Gounod" *arr. Godfrey*

5.0-5.30.—CHILDREN'S CORNER. *S.B. from Aberdeen.*
8.0.—S. G. HONEY: Talk to Young People.
8.25.—Hymn (A. and M., No. 300).
The Rev. C. J. FITZJAMES, S.J., of the Church of the Holy Name: Religious Address.
Hymn (A. and M., No. 288).
8.45. **Organ Recital.**
By H. FITZROY PAGE.
Relayed from the Piccadilly Picture Theatre.
March, "Fest" *Calkin* (11)
"Chant sans Paroles" *Tchaikovsky*
"Consolation" (No. 2) *Liszt*
Prelude in C Sharp Minor .. *Rachmaninov*
Fantasia, "Aida" *Verdi*
"Arabesque" *Debussy*
2nd Movement, Concerto in E *Mendelssohn*
"Bagatelle" *Fletcher* (11)
Miniature Suite *Coates* (1)
Moreau, "Carissima" *Elgar* (4)
Ballet, "Coppélia" *Delibes*
10.0.—WEATHER FORECAST and NEWS. *S.B. from London.* Local News.
10.10 LANCELOT QUINN (Baritone).
Short Vocal Recital.
"Devonshire Cream and Cider"
Sanderson (1)
"Myrra" *Chitsam*
"Moirbévan" *Attwood*
"My Prayer" *Squire* (1)
"Rosamond" *Forster*
10.30.—Close down.

5NO NEWCASTLE. 400 M.

3.0-5.0.—Programme *S.B. from London.*
5.0-5.30.—CHILDREN'S CORNER. *S.B. from Aberdeen.*
8.30. THE "5NO" OCTET.
Hymn (A. and M., No. 267).
8.35.—The Rev. T. W. COLEMAN: Religious Address.
Octet.
Anthem, "Hear the Voice and Prayer"
9.0. ASTRA DESMOND (Contralto).
WALTER GIESEKING (Solo Pianoforte).
Astra Desmond.
"Ah! Belinda" ("Dido and Aeneas")
Purcell (11)
"A Birthday" *Cyril Scott* (4)
"Sea Fever" *John Ireland*
"A Feast of Lanterns" .. *G. Bantock* (4)
9.10. Walter Giesecking.
Group of Piano Solos.
9.25. Astra Desmond.
"It is Finished" (St. John Passion) *Bach*
9.30. Walter Giesecking.
Group of Piano Solos.
9.45. Astra Desmond.
"Songs of the Hebrides"
arr. Kennedy-Fraser (1)
10.0.—WEATHER FORECAST and NEWS. *S.B. from London.* Local News.
10.15. Walter Giesecking.
Group of Piano Solos.
10.25.—Close down.

2BD ABERDEEN. 495 M.

GERTRUDE JOHNSON (Soprano).
R. KENYON LETTS (Baritone).
THE WIRELESS ORCHESTRA.
3.0. Orchestra.
Suite Lyrique *Tchaikovsky*
Gertrude Johnson.
"Come Unto Him"
"How Beautiful are the Feet" *Handel*
"Rejoice Greatly, O Daughter of Zion"
3.30. Orchestra.
Selection, "Samson and Delilah"
Saint-Saens
R. Kenyon Letts.
"Still as the Night" *Bohm*
"Invictus" *Huhn*
"Requiem" *Homer*

4.0. Orchestra.
Hungarian Rhapsody No. 2 *Liszt*
Gertrude Johnson.
"Angels Ever Bright and Fair" ("Theodora") .. *Handel* (11)
"O Had I Jubal's Lyre"
("Joshua")
4.30. Orchestra.
"Serenade" *Mendelssohn*
"The Bees' Wedding" .. *Howgill*
"Weymouth Chimes" *Schubert*
"Ave Maria" *R. Kenyon Letts.*
"Who is Sylvia?" *Schubert*
"A Song of Thanksgiving" .. *Allitsen* (1)
"Le Portrait" *Parkyns*
5.0-5.30.—CHILDREN'S CORNER. *S.B. to all Stations except Belfast.*
8.30. Choir of North Parish Church.
The Rev. JAMES RAE, M.A., North Parish Church: Religious Address.
Choir. Short Anthem and Hymn.
9.0.—Recital by the Westbourne Church Choir. *S.B. from Glasgow.*
10.0.—WEATHER FORECAST and NEWS. *S.B. from London.* Local News.
10.10. The Wireless Septet.
Selected Hymns.
10.20.—Close down.

5SC GLASGOW. 420 M.

3.0-5.0. **Miscellaneous Concert.**
E. B. APPELYARD (Solo Pianoforte).
ANDREW TEMPLETON (Solo Violoncello).
ELLA GARDNER (Soprano).
G. MILLER REID (Baritone).
5.0-5.30.—CHILDREN'S CORNER. *S.B. from Aberdeen.*
8.30. Choir.
Hymn No. 298. Church Hymnary.
The Rev. FREDERICK W. WELBON, M.C., of the Wesleyan Methodist Church, Cathcart Road: Religious Address.
Hymn No. 220. Church Hymnary.
Prayer.
Hymn No. 365. Church Hymnary.
9.0. Recital by THE WESTBOURNE CHURCH CHOIR, of Sacred Choral Music from the 16th to 20th Century. *S.B. to Aberdeen.*
Old Scottish Psalm Tune, "Orlington," Psalm XXIII. 16th Century Group.
"Come, Holy Ghost"
"O Bone Jesu"
("O Blessed Jesu") } *Palestrina—1515-1611*
"Jesu Thou the Virgin-born"
Ancient Carol
"The Presentation of Christ in the Temple"
Eccard—1553-1611
Modern Group.
"Judge Me, O God" (in 8 parts)
Mendelssohn—1809-1847
"Blessed are the Pure in Heart"
Walford Davies—1869-
"Kyrie Eleison" ("Lord Have Mercy Upon Us") (in 8 parts) *Henschel—1850-*
Examples of Russian Church Music.
"Hear, Lord Our God, Have Mercy" (in 8 parts) *Tchaikovsky—1840-1893*
"Hymn to the Trinity" (No. 3) (in 8 parts) *Tchaikovsky—1840-1893*
"O Send Thy Light Forth"
Balakirev—1836-1910
"Hymn of the Cherubim" (in 10 parts)
Rachmaninov—1873-
Old Scottish Psalm Tune.
"Stracathro"—To Paraphrase LIV.
10.0.—WEATHER FORECAST and NEWS. *S.B. from London.* Local News.
10.15.—Programme *S.B. from London.*
10.35.—Close down.

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 401.

THE CHILDREN'S CORNER. CONDUCTED BY THE AUNTS AND UNCLES.

Stories of Some Famous Diamonds.

HULLO, CHILDREN!

Here is an interesting talk about some of the most famous diamonds in the world.

Those of you who have visited the Tower of London are sure to have seen the Crown Jewels of Great Britain which are kept in the Wakefield Tower. The magnificence of the gems almost takes your breath away, and perhaps you have wondered where they came from.

There are the great diamonds in the Sceptre and the centre of the Crown, the finest stones in the world. These were both cut from the famous "Cullinan" diamond, or "Star of Africa," the largest diamond ever found. When it first came from the mine, it weighed 3,025½ carats, that is, about one pound five ounces, and was as big as a man's fist. It was absolutely flawless and very beautiful, so the Government of South Africa purchased it for £50,000 and presented it to King Edward VII.

"The Lesser Star of Africa."

It was much too big to use as it was, and in 1908 it went to Amsterdam to be cut into nine large stones and a number of small ones. The largest one is set in the Sceptre and weighs 530 carats, and the one in the Crown, known as the "Lesser Star of Africa," weighs 317 carats. And when you think that most of the diamonds you see in rings weigh about half a carat, or possibly one and a half carats, you will realize how big and splendid they are.

Of course, you have all heard of the "Koh-i-noor," the most historic diamond in the Crown Jewels. The original is kept at Windsor Castle, but there is a model in the Tower. Its adventures have been so many that no one quite knows its history. Tradition says that it was taken over 600 years ago from a Rajah at Malwa, in India, in whose family it had been an heirloom for centuries.

After that, it was treasured at Delhi until 1739, when Nadir Shah, the Persian conqueror, carried it away to Teheran, as part of his immense plunder. Seventy-four years later it passed into the hands of the Rajah of Lahore, and then the East India Company obtained possession of it and presented it to Queen Victoria.

Stolen From an Idol.

The largest Indian diamond we know of is the "Great Mogul." This, too, was carried off by Nadir Shah, but since then all trace of it has been lost. Some people think that it was cut up and that the "Koh-i-noor" is part of it. They think, too, that the "Orloff," which formed part of the Russian Crown Jewels, may also be a portion of the "Great Mogul." This we cannot tell, but we know that the "Orloff" was once the eye of an idol in a Brahmin temple, and one night it was stolen by a French soldier.

You can picture the horror of the priests next day, finding their temple desecrated and their idol robbed of its most precious jewel! In their wrath, they must have called down a curse upon the thief, for the gem was stolen from him by the ship's captain, and wherever it has gone since it has almost always carried bad luck with it.

After passing through many hands, an Armenian merchant sold it for £112,000 to Count Orloff, who gave it to the Tzarina, Catherine II.

Another famous Indian diamond is the "Regent," or "Pitt." One story is that it was stolen from the mine by a slave, who escaped to the coast and sold it to a shipowner for £5,000 and a passage to England. Pitt, the Governor of Madras, then bought it for over £20,000, and it was sold again for £80,000 to the Duke of

Orleans, then Regent of France. So it became part of the Crown Jewels of France; but its adventures did not end there.

During the French Revolution, the Crown Jewels were stolen, but the diamond was recovered later on.

Not so the "Sancy," which was stolen at the same time. This stone had belonged in turn to Charles the Bold, de Sancy, Queen Elizabeth, Henrietta Maria, Cardinal Mazarin, and Louis XIV., and it subsequently passed into the hands of the King of Spain. Finally it returned to India in the possession of a native prince.

A "Pebble" Worth a Fortune.

The first South African diamond was found by some Boer children, playing on the banks of the Orange River. The "pebble" was brighter and prettier than any they had ever seen, and they proudly showed it to all their friends. A few days later, a neighbour named Van Niekirk offered to buy it. The children gladly let him have it and laughingly told him to go and make his fortune.

Well, he didn't quite do that, but the Governor of the Colony paid £500 for it, and sent the stone to the Paris Exhibition.

After this, you may be sure Van Niekirk kept his ears open for any more stories of glittering pebbles, and two years later he heard of a poor shepherd-boy who carried one about with him as a charm. This he persuaded the boy to sell for 500 sheep, ten head of cattle, and a horse, and he himself sold the diamond for £11,000. It is now known as the "Dudley," or "Star of South Africa."

Naturally, these finds caused great excitement, and led to the discovery of the great South African mines and the finding of the magnificent jewels which are set in the Crown and Sceptre of Great Britain.

THE THREE QUESTIONS.

By LANGFORD REED.



Clarence plucked a hair from his beard.

KING RUMPHIZ was exceedingly annoyed. From the balcony of his palace he had seen his only daughter,

the beautiful Princess Caramel, talking to the gardener's son!

A handsome youth, withal, but—a gardener's son!

Such conduct could not be tolerated.

So, at breakfast, the King reproved the Princess severely. "Don't dare to deny it," he stormed, "because I saw it happen—under my very nose!"

"Father, dear," said the Princess, sweetly, "Clarence is the cleverest and handsomest young man I've ever met and I would rather share his lot than that of the proudest duke."

"Nuff and stonsence!" raged the King, who was apt to mix his words up when excited. "You mean share his little and he will not have

that little long. We'll test his precious cleverness by setting him the three most difficult questions I can devise. If he answers them correctly, I will receive him into the family, but if he makes one mistake, off goes his head! You annoy me so that I hardly know what I'm saying."

The test took place before the whole Court and everyone, except the Princess—who knew how clever Clarence was—felt that the young man's task was hopeless.

"Now, my lad," said the King, "stop twiddling your thumbs and look at me. First question: What am I thinking of?"

"Your Majesty is thinking I shall never be able to answer your question," replied Clarence, bowing respectfully.

"Odds boddikins!" exclaimed the King, ruefully, "as a matter of fact I was thinking that, though I don't know how you managed to tell. Let's see if you can read my Prime Minister's thoughts as readily."

"Your Majesty, it's simple," answered the youth, "for, after the ease with which I replied to your first question, he can hardly help thinking that I have a chance of winning, after all. And as he bears the reputation of being one of the most straightforward, as well as one of the most handsome and most clever of men, I'm sure he will admit it."

And the Prime Minister smiled very pleasantly and did admit it.

King Rumphiz took off his crown and scratched his head in perplexity.

Then he chuckled. "I'll give you a poser!" he cried. "How many hairs are there in my

Prime Minister's beard? I want the exact number, neither one more nor one less."

The gardener's son looked steadily at the Prime Minister's beard for a moment and then answered: "Eighty-eight thousand, eight hundred and eighty-eight, your Majesty."

"Prove it!" snapped the King.

Thereupon, Clarence went up to the Prime Minister and plucking a hair from his beard, began to count.

"One," he said, "two—three—four," and extracting a hair with every figure, he quickly counted up to five hundred.

Then the pain forced the poor Prime Minister to call out: "Your Majesty, I can conceal the fact no longer. The young man was quite correct; there were exactly eighty-eight thousand, eight hundred and eighty-eight hairs in my beard, though now, alas! there are but eighty-eight thousand, three hundred and eighty-eight."

King Rumphiz beckoned to Clarence to come forward and, when he had done so, embraced him warmly.

"My son," he exclaimed, "I did not think such cleverness existed in my Kingdom and I shall be proud to confer on you the distinction of owning me for a father-in-law."

He joined the hands of the two young people and then said: "Take her and live happily ever afterwards."

And they did.

CHILDREN will be able to listen at Everton and Toxeth (Aberdeen) branch libraries, where receiving apparatus is to be installed.

WIRELESS PROGRAMME—MONDAY (Nov. 24th.)

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

2LO LONDON. 365 M.

- 3.15-3.45.—Transmission to Schools: Mr. GEOFFREY SHAW on "Music."
- 4.0-5.0.—Time Signal from Greenwich. Concert: The "2LO" Trio and Josephine Dorrell (Contralto). "The Diary of a One-Year-Old," by Jessie Pope. "Ancient Assyria and Babylonia," by B. B. Milne.
- 5.30-6.15.—CHILDREN'S CORNER: Stories by Elizabeth Clark. Bassoon Solos by E. W. Hinchliff. "Chin San and his Ducks," by S. M. Hills. "How Robin Sold Pots at Nottingham Fair" (1) from "Greenwood Tales," by Dorothy King.
- 6.40-6.55.—Capt. F. L. Plugge, B.Sc., F.R.A.S., F.R.Met.Soc., "Through Central Europe with a Portable Set."
- 7.0.—TIME SIGNAL FROM BIG BEN. WEATHER FORECAST and 1ST GENERAL NEWS BULLETIN. *S.B. to all Stations.*
- Mr. STEWART DICK: "The Nation's Pictures—Fra Filippo and Piero della Francesca." *S.B. to other Stations.*
- Local News.
- 7.30.—COMEDY AND ROMANCE. (For particulars see centre column.)
- 9.30.—TIME SIGNAL FROM GREENWICH. WEATHER FORECAST and 2ND GENERAL NEWS BULLETIN. *S.B. to all Stations.*
- Topical Talk. Local News.
- 10.0.—THE SAVOY ORPHEANS AND SAVOY HAVANA BANDS relayed from the Savoy Hotel, London. *S.B. to all Stations.*
- 11.0.—Close down.

5IT BIRMINGHAM. 475 M.

- 3.30-4.30.—The Station Wind Quintet. Miranda Sugden (Soprano).
- 5.0-5.30.—WOMEN'S CORNER: Sidney Rogers, F.R.H.S.—Topical Horticultural Hints. Joan Maxwell (Soprano).
- 5.30-6.30.—CHILDREN'S CORNER.
- 6.30-6.45.—Teens' Corner: Fred J. Clifford, L.R.A.M., on "Musical Appreciation—Rhythm, Melody, Harmony, and Form."
- 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
- Mr. STEWART DICK. *S.B. from London.* Local News.
- Mirth and Melody. 7.30-9.30
- "THE PACK OF CARDS" CONCERT PARTY.
- Directed by J. H. POTTER. In a Musical Entertainment. RONALD GOURLEY (Entertainer at the Piano).
- In Songs, Stories and Impersonations.
- 9.30.—WEATHER FORECAST and NEWS. *S.B. from London.*
- Topical Talk. Local News.
- 10.0.—THE SAVOY BANDS. *S.B. from London.*
- 11.0.—Close down.

6BM BOURNEMOUTH. 385 M.

- 3.30-5.0.—The Crystals Concert Party. Talk to Women: "Curious Marriage Customs," by Mrs. George Pooley.
- 5.0-6.0.—CHILDREN'S CORNER.
- 6.0-6.30.—Mr. J. Scattergood, F.R.G.S., "Climate."
- 6.30-6.35.—Lessons in Morse Transmission by Douglas C. Norman.
- 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
- Mr. STEWART DICK. *S.B. from London.* Local News.
- 7.30-8.0.—Interval.
- Winter Gardens Night.
- THE BOURNEMOUTH MUNICIPAL ORCHESTRA:
- Conductor, Sir DAN GODFREY.
- ANNETTE BLACKWELL (Vocalist).
- JOHN HENRY.
- Relayed from the Winter Gardens.

COMEDY AND ROMANCE.

S.B. to all Stations, except Birmingham, Bournemouth, and Belfast. Relayed from London.

I.

7.30-8.35.

MEMORIES OF CHILDHOOD.

WINIFRED FISHER,
ROBERT CHIGNELL,
and our SYMPHONY ORCHESTRA
conducted by
AYLMER BUESST.
At the Pianoforte—
STANFORD ROBINSON.

I.—About Pirates:

Overture, "The Jolly Roger" Howard Carr
"My Ship and I"..... Graham Peel
"Ward the Pirate".....
arr. Vaughan Williams

II.—"Up Go We" (An Interlude):
A Musical Portrait of Capt. Warneford,
V.C. Carr

III.—Birds, Beasts, and Fishes:

"The Aviary"..... Saint-Saens
"The Ship of Rio"..... Tyrrold
"The Elephant"..... Saint-Saens
"The Bandog"..... Tyrrold
"The Aquarium"..... Saint-Saens
"The Mad Dog"..... Goldsmith
and P. H. Williams

IV.—Marionettes:

"Punch and Judy"..... Lambelet
A Real One.
"The Peep Show"..... Moussorgsky
"The Wooden Soldiers"..... Slaughter

V.—Rhymes and Jingles:
"Oranges and Lemons"..... Quilter
Two Nursery Rhymes Parodied
H. Hughes

"Showing What Happened to Matilda"
H. Belloc and Liza Lehmann

VI.—Sunny Hours:

Overture, "The Gondoliers"..... Sullivan
"The Swing"..... Lehmann
"Keepsake Mill"..... Lehmann
Dance, "The Merry-makers"..... German

II.

8.35-9.30.

The Author will tell the Story of
the Opera that follows.

(For synopsis and picture see page 383.)

First London Performance of
"Elizabeth."

The Libretto by A. Corbett-Smith.
The Music by Aston Tyrrold.

Cast:

Elizabeth of England
CONSTANCE WILLIS
Dorothy Pascoe (in attendance)
EMILY BROUGHTON
Richard Escombe (a Captain in H.M. Fleet)..... WALTER HYDE
Richard Leigh (A.D.C. to Lord Howard of Effingham)..... ROBERT CHIGNELL
A Page (to the Queen)
KATHLEEN DENHAM

Townfolk and Mariners.

Conductor, AYLMER BUESST.

The Scene is laid by Bideford in Devon on
May Day in the year of the Armada.
The opera produced under the direction
of the Author.

- 8.0. Orchestra.
"Two Polish Dances"..... Scharwenka
Overture, "The Consecration of the House"..... Beethoven
Annette Blackwell.
Selected Song.
- Orchestra.
Symphony No. 2 in B Minor..... Borodin
John Henry.
Selections from his Repertoire.
Interval.
- Orchestra.
"Country Dance"..... F. H. Cowen (11)
"Menuet d'Amour"..... F. H. Cowen (11)
Violoncello Solo.
"Kol Nidrei"..... Max Bruch
(Soloist, HEND WOLTERS.)
Annette Blackwell.
Selected Song.
- Orchestra.
Hungarian Rhapsody, No. 1..... Liszt
- 10.0.—WEATHER FORECAST and NEWS.
Local News.
- 10.15.—THE SAVOY BANDS. *S.B. from London.*
- 11.0.—Close down.

5WA CARDIFF. 351 M.

- 3.0-4.0.—Falkman and his Orchestra, relayed from the Capitol Cinema.
- 5.0-5.45.—"5WA'S" "FIVE O'CLOCKS."
- 5.45-6.30.—CHILDREN'S CORNER.
- 7.0-11.0.—Programme *S.B. from London.*

2ZY MANCHESTER. 375 M.

- 3.0-3.30.—Music relayed from the Piccadilly Picture Theatre.
- 3.30-4.0.—Broadcast for Secondary Schools (Juniors). M. ALBERT THOUAILLE, M.A. (Paris): A Reading of French Literature.
- 4.0-4.30.—Music relayed from the Piccadilly Picture Theatre.
- 4.30-5.0.—WOMEN'S HALF-HOUR.
- 5.0-6.0.—CHILDREN'S CORNER.
- 6.30-6.55.—Farmers' Corner: J. J. Green, B.Sc., Secretary of Agriculture to the Lancashire County Council: Introductory Talk.
- 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.* Local News.
- 7.15-7.30.—Interval.
- 7.30-11.0.—Programme *S.B. from London.*

5NO NEWCASTLE. 400 M.

- 3.45-4.45.—William Laws' Trio.
- 4.45-5.15.—WOMEN'S HALF-HOUR: Weekly News Letter. Irene Sadler, Recitations.
- 5.15-6.0.—CHILDREN'S CORNER.
- 6.0-6.30.—Scholars' Half-Hour: T. W. Moles, B.A., B.Sc., on "Place Names of Northumberland."
- 7.0-11.0.—Programme *S.B. from London.*

2BD ABERDEEN. 495 M.

- 3.30-5.0.—Dance Afternoon. Feminine Topics.
- 5.30-6.0.—CHILDREN'S CORNER: Mr. J. G. Burnett on "Learning to Listen."
- 6.30.—Girl Guides' and Boy Scouts' News Bulletins.
- 7.0-9.40.—Programme *S.B. from London.*
- 9.40.—Mr. JOHN P. MACHUTCHISON. *S.B. from Glasgow.* Local News.
- 10.0-11.0.—Programme *S.B. from London.*

5SC GLASGOW. 420 M.

- 3.30-4.50.—Popular Afternoon.
- 5.15-6.0.—CHILDREN'S CORNER.
- 6.0-6.5.—Weather Forecast for Farmers.
- 6.40-6.55.—Mr. Stuart Park on "Art."
- 7.0-9.40.—Programme *S.B. from London.*
- 9.40.—Mr. JOHN P. MACHUTCHISON, M.A., B.Sc., on "The Development of the X Ray." *S.B. to Aberdeen.* Local News.
- 10.0-11.0.—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 page 491.

WIRELESS PROGRAMME—TUESDAY (Nov. 25th.)

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

2LO LONDON. 365 M.

- 1.0-2.0.—Time Signal from Big Ben. Concert: The "2LO" Trio and Haydn Hemery (Bass-Baritone).
- 3.15-3.45.—Transmission to Schools: Mr. E. KAY ROBINSON on "British Birds."
- 4.0-5.0.—"Books to Read," by Ann Spice. Organ and Orchestral Music relayed from Shepherd's Bush Pavilion. "Keeping House in Johore," by B. B. Milne.
- 5.30-6.15.—CHILDREN'S CORNER: "The Tortoiseshell Cat," by Edith E. Lamb, from "Merry Moments Annual." "Insects that Pretend," by M. Catherine Wiens. Osmond Davis (Tenor) singing "Jungle Songs" (Kipling-Bright) (4). Philip Coote telling a Malay Fairy Tale. Capt. Ainslie, "Simple Astronomy."
- 6.40-6.55.—Capt. H. G. Mansfield, late of the Royal North-West Mounted Police, on "Our Western Horses."
- 7.0.—TIME SIGNAL FROM BIG BEN. WEATHER FORECAST and 1ST GENERAL NEWS BULLETIN. *S.B. to all Stations.*
- JOHN STRACHEY: Literary Criticism. *S.B. to all Stations.*
Local News.

"Round the Stations" Programme.

- GET THAT VALVE-SET FEELING!
- 7.30.—JOHN HENRY introduces Joe Murgatroyd.
- 7.45.—"ROUND THE STATIONS." "Dips" into various Provincial Stations.
- 8.30.—SYMPHONY CONCERT. *S.B. from Birmingham.*
- 9.30.—TIME SIGNAL FROM GREENWICH. WEATHER FORECAST and 2ND GENERAL NEWS BULLETIN. *S.B. to all Stations.*
- Sir WILLIAM BRAGG, K.B.E., F.R.S., on "Sounds of the Voice." *S.B. to all Stations except Glasgow and Edinburgh.*
Local News.
- 10.0.—"Round the Stations"—Two More "Dips."
- 10.10.—John Henry tells the story of his own "Round the Stations" efforts.
- 10.20.—"Round the Stations" (continued).
- 10.30.—Close down.

5IT BIRMINGHAM. 475 M.

- 3.30-4.30.—The Station Pianoforte Quintet.
- 5.0-5.30.—WOMEN'S CORNER: Elsie Walford (Dramatic Recitals). Ethel Williams (Contralto).
- 5.30-6.30.—CHILDREN'S CORNER: William Macready: Readings from "Treasure Island."
- 6.30-6.45.—"Teens' Corner: Mr. Sydney C. Parish, M.A. (of the Birmingham Natural History and Philosophical Society) on "The Planet Saturn."
- 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
- JOHN STRACHEY. *S.B. from London.*
Local News.
- 7.30.—**Old Memories Revived.**
THE STATION REPERTORY COMPANY.
The first hour of our programme will be given to songs of years ago. Listeners are requested to forward names of any songs they would care to hear, and these will be rendered as time permits.
- 8.30.—**Symphony Concert.**
S.B. to London, Bournemouth, and Cardiff.
THE CITY OF BIRMINGHAM SYMPHONY ORCHESTRA.
Conductor: ADRIAN C. BOULT.
Relayed from the Town Hall.
Symphony No. 13 in G Haydn
Four Movements from "The Planets" Gustav Holst (2)

- (1) "Mars: The Bringer of War";
(2) "Venus: the Bringer of Peace";
(3) "Mercury: The Winged Messenger";
(4) "Jupiter: The Bringer of Jollity."
- 9.30.—WEATHER FORECAST and NEWS. *S.B. from London.*
Sir WILLIAM BRAGG. *S.B. from London.*
Local News.
- 10.0.—"DELICATE GROUND."
A Comedy in One Act.
By Charles Dance.
Pauline Sangfroid
EDNA GODFREY-TURNER
Citizen Sangfroid WILLIAM MACREADY
Alphonse de Grandier
DONALD EDWARDES
Scene: A house on the outskirts of Paris.
Period: 1798—The French Revolution.
- 10.30.—Close down.

6BM BOURNEMOUTH. 385 M.

- 3.30-5.0.—The Orpheus Trio: H. L. Gibson (Flute), R. G. Somers (Oboe), Charles Leeson (at the Piano), Trissie Cox and Queenie Evans (Duets), Harry Jones (Baritone). Talk to Women: "Book Talk," by Moira Meghn.
- 5.0-6.0.—CHILDREN'S CORNER: "Beryl's Escapade" (Lily Racker Hudson).
- 6.0-6.30.—Scholars' Half-Hour: Edwin Noble, F.Z.S., on "The Dog in Art."
- 6.30-6.45.—Farmers' Talk: T. R. Ferris, M.Sc., N.D.D., Director of Agriculture for Dorset, on "The Use of Lime."
- 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
JOHN STRACHEY. *S.B. from London.*
Local News.

Variety Night.

- WINIFRED FAIRLIE (Entertainer).
THE WIRELESS ORCHESTRA:
Conducted by
Capt. W. A. FEATHERSTONE.
Orchestra.
- 7.30.—Pot-pourri, "Melodious Memories" Finch Sketch.
- 7.45.—"THE RETURN."
(Gertrude Robins.)
Cast:
Paul Loweski (an Old Galician Peasant)
GEORGE STONE
Katherine Loweski (His Wife)
MARY MEWITT.
Ivan Loweski (their Son)
WILFRED KIRKPATRICK
Stefan (a Friend of his Youth)
I. STANISLAUS
Scene: The Interior of the Loweskis' dwelling in Galicia.
(Sketch produced by William R. Keene and George Stone.)
Orchestra.
- 8.15.—Selection, "Little Nellie Kelly" Cohan (6)
- 8.25.—Winifred Fairlie.
Humorous Song: "We've Got a Servant" (7)
Monologue, "Peg Away" .. Hambley (13)
- 8.30.—SYMPHONY CONCERT. *S.B. from Birmingham.*
- 9.30.—WEATHER FORECAST and NEWS. *S.B. from London.*
Sir WILLIAM BRAGG. *S.B. from London.*
Local News.
- 10.0.—Orchestra.
Spanish Serenade, "Anita" .. Bilton
- 10.5.—Winifred Fairlie.
Humorous Song, "If I'd a been Catherine Parr."
Character Monologue, "We ain't arf proud o' Dad" (13)
A few Stories and Imitations.
- 10.20.—Orchestra.
Waltz, "Love in Lilac Time" Lensen (31)
March, "Stars and Stripes" Sousa
- 10.30.—Close down.

5WA CARDIFF. 351 M.

- 3.0-3.30.—Transmission to Schools: Sir HENRY WALFORD DAVIES, Mus. Doc., LL.D., on "Rhythm, Melody and Chords."
- 3.30-4.0.—The Station Trio.
- 4.0-4.45.—The Carlton Orchestra, relayed from the Carlton Restaurant.
- 5.0-5.45.—"5WA'S" "FIVE O'CLOCKS": Vocal and Instrumental Artists. Talks to Women.
- 5.45-6.30.—CHILDREN'S CORNER.
- 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
JOHN STRACHEY. *S.B. from London.*
Local News.
- 7.30.—Sir WALFORD DAVIES, Mus. Doc., LL.D., Director of Music and Chairman of the National Council of Music, University of Wales, on "Music and Human Nature," with Illustrations from well-known works.
- 8.0.—ROSE MYRTIL (Mezzo-Soprano).
"The Loreley" Liszt
"Voce di Donna" Ponchielli
"None But a Lonely Heart" Tchaikovsky
"Softly Awakes My Heart" ("Samson and Delilah") Saint-Saens
RONALD GOURLEY (Blind Pianist and Siffleur) will Entertain.
- 8.30.—SYMPHONY CONCERT. *S.B. from Birmingham.*
- 9.30.—WEATHER FORECAST and NEWS. *S.B. from London.*
Sir WILLIAM BRAGG. *S.B. from London.*
Local News.
- 10.0.—Rose Myrtil.
"Seguidilla" ("Carmon") Bizet
"When All Was Young" ("Faust") Gounod
"Pleading" Elgar
"Lullaby" Cyril Scott (4)
Ronald Gourley will Resume his Entertainment.
- 10.30.—Close down.

2ZY MANCHESTER. 375 M.

- 12.30-1.30.—Organ Music by H. Fitzroy Page, relayed from the Piccadilly Picture Theatre.
- 3.30-4.30.—Concert by the "2ZY" Quartet.
- 4.30-5.0.—WOMEN'S HALF-HOUR. Miss Hindshaw on "Roads Out of Manchester."
- 5.0-6.0.—CHILDREN'S CORNER.
- 6.30-6.55.—J. Cuming Walters, M.A., on "The Heart of a Book—(4) Jonathan Swift and his Fabulous Kingdoms."
- 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
JOHN STRACHEY. *S.B. from London.*
Local News.
- 7.30.—**Under Italian Skies.**
THE AUGMENTED ORCHESTRA
Conductor, T. H. MORRISON.
HERBERT THORPE (Tenor).
Orchestra.
March, "I Bersagliere" di Capua
Selection, "I Pagliacci" Leoncavallo
Ballet, "Dance of the Hours" Ponchielli
Ballet Music, "William Tell" Rossini
"Tarantelle Napoli" Mezzacapo
Pizzicato Serenade, "I Studenti" Bucalossi
Tenor Song.
"Sicilians" ("Cavalleria Rusticana") Mascagni
Orchestra.
Suite, "A Day in Naples" Byng
Selection, "Cavalleria Rusticana" Mascagni
Overture, "The Barber of Seville" Rossini

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 401.

WIRELESS PROGRAMME—TUESDAY (Nov. 25th.)

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

9.30.—WEATHER FORECAST and NEWS.
S.B. from London.
Sir WILLIAM BRAGG. *S.B. from London.*
Local News.

10.0. Tenor Songs.
Italian Folk Songs.
"Mattinata" *Leoncavallo*
"Torna a Surriento" *de Curtis*
"Mari, Mari" *di Capua*
"Funiculi, Funicula" *Denza*
Orchestra.
La Danza, "Tarantella Napolitana"
Rossini
Selection, "La Bohème" *Puccini*

10.30.—Close down.

5NO NEWCASTLE. 400 M.

3.45-4.45.—Ella Dent (Soprano), Clarence Elsdon (Tenor), Sam Styles (Solo Bassoon).
4.45-5.15.—WOMEN'S HALF-HOUR: The Rev. Herbert Barnes on "Thoreau."
5.15-6.0.—CHILDREN'S CORNER.
6.0-6.30.—Scholars' Half-Hour: Mr. C. Wain.
6.45.—Henry Morrell on "Edmund Keane."
7.0.—WEATHER FORECAST and NEWS.
S.B. from London.
JOHN STRACHEY. *S.B. from London.*
Local News.

HELEN DE FREY (Soprano).
GLYN EASTMAN (Baritone).
THE AUGMENTED STATION ORCHESTRA:
Conductor, EDWARD CLARK.

7.30. Orchestra.
Prelude and Death Scene ("Tristan and Isolde") *Wagner*

7.40. DEBATE.

Motion: "That this House deploras the growing lack of respect in Youth for Authority."

Speakers: Mr. A. T. PATERSON, President of the Students' Representative Council, Armstrong College. (Of Newcastle Division, Durham Union Society.)

Dr. G. M. MILLER, Durham School of Medicine. (Of Newcastle Division, Durham Union Society.)

Mr. F. H. SPARK, Hon. Secretary of Newcastle Law Students' Society.

Mr. F. A. WALLER, Newcastle Law Students' Society.

Chairman: The Rev. R. LAWSON SLATER, Benwell.

Russian Opera and Ballet.

8.30. Helen de Frey.
Aria, "Martha" *Rimsky-Korsakov*
"In Novgorod we live next door to Vanja."
("The Bride of the Tzar")
Rimsky-Korsakov

8.40. Orchestra.
Overture, "A Night in May"
Rimsky-Korsakov

8.48. Glyn Eastman.
Baritone Songs.

8.55. Orchestra.
Scheherazade *Rimsky-Korsakov*

9.30.—WEATHER FORECAST and NEWS.
S.B. from London.
Sir WILLIAM BRAGG. *S.B. from London.*
Local News.

10.0. Orchestra.
"Children's Tales" *Liadov*

10.5. Glyn Eastman.
Baritone Songs.

10.15. Helen de Frey.
Aria from "Snow Maiden"
Rimsky-Korsakov

10.25. Orchestra.
"Children's Tales" *Liadov*
10.30.—Close down.

2BD ABERDEEN. 495M.

3.30-5.0.—Instrumental Solo Afternoon: Miss Riach and Andrew Watson (Cellists). Nancy Lee and William Bennett (Violinists). A. P. Barnes and A. Holmes (Horns). Feminine Topic: Mrs. J. W. H. Trail on "Aberdeen and its Rulers."

5.15-6.0.—CHILDREN'S CORNER: Auntie Bessie gives a Party.

6.40.—Talk to Scholars.

7.0.—WEATHER FORECAST and NEWS.
S.B. from London.
JOHN STRACHEY. *S.B. from London.*
Local News.

Concert Programme.

ASTRA DESMOND (Contralto).
THELMA PLAYFAIR (Solo Pianoforte).
THE WIRELESS-ORCHESTRA.

7.30. Orchestra.
Quintet for Flute, Clarinet, Oboe, Bassoon and Horn *Zola*

7.40. Astra Desmond.
"Après un Rêve"
"Lamento"
"Le Secret" } *Gabriel Fauré*
"Au Cimetière"
"Au Bord de l'Eau" }

7.55. Thelma Playfair.
Allegro Moderato, Sonata, Op. 7 .. *Grieg*
Gavotte de Gluck.

"The Sea" and "Refrain de Berceau"
Palmgren
Russian Dance *Cyril Scott* (4)
Danse Negre *Cyril Scott* (4)
Prelude No. 2 in E Major .. *Corder* (17)
"April" *Bridge*
"Où l'on entend une vieille Boite a Musique"
de Severac

8.30. Astra Desmond.
"Like to the Damask Rose"
"Queen Mary's Song" } *Elgar*
"Rondel"
"Thro' the Long Days"
"The Shepherd's Song" }

8.50.—THE SCOTTISH ORCHESTRA. *S.B. from Glasgow.*

9.30.—WEATHER FORECAST and NEWS.
S.B. from London.
Sir WILLIAM BRAGG. *S.B. from London.*
Local News.

10.0. ARTHUR HOLMES and NAN DAVIDSON.
Sonata for Cor Anglais and Pianoforte
Draeske

10.10. Orchestra.
"Petite Suite de Concert" *Coleridge-Taylor*
(1) Caprice de Nanette; (2) Demande et Réponse; (3) Sonnet d'Amour; (4) Tarantelle Frétilante.
10.30.—Close down.

5SC GLASGOW. 420 M.

3.30-4.50.—The Wireless Quartet. Lina Talbot (Soprano). Afternoon Topics.

5.15-6.0.—CHILDREN'S CORNER: May Gilchrist will tell you of Betty's Adventures in Fairyland, Part II.

7.0.—WEATHER FORECAST and NEWS.
S.B. from London.
JOHN STRACHEY. *S.B. from London.*
Local News.

7.30. ANGUS MORRISON
(Pianoforte Recital).
Prelude and Fugue in C Sharp Major *Bach*
Sonatine *Ravel*
"Kreisleriana," Op. 16, Nos. 1, 2 and 3 } *Schumann*
Romance in F Sharp Major
"El Puerto" *Albeniz*

8.0 THE SCOTTISH ORCHESTRA.
Conducted by
FELIX WEINGARTNER
Relayed from St. Andrew's Hall.
S.B. to Edinburgh.
Overture, "The Flying Dutchman"
Wagner

8.10. SONGS WE USED TO SING.
T. W. TORRANCE (Tenor).
"If" *Pinsuti*
NAN SCOTT (Soprano).
"A Summer Shower" *Theo Marzials* (1)
T. W. Torrance.
"My Queen" *Blumenthal*
Nan Scott.
"Little Maid of Arcadec" *Sullivan*

8.25 THE STATION ORCHESTRA.
Conducted by ISAAC LOSOWSKY.
Request Items.
Parisian ("Demoiselle Chic") } *Fletcher*
Sketches ("Bal Masqué")
Intermezzo, "Cavalleria Rusticana"
Mascagni

8.35. T. W. Torrance.
"The Torpedo and the Whale" ... *Audran*
Nan Scott.
"Three Maids of Lee" .. *J. L. Roedel* (5)
T. W. Torrance, James Anderson, and F. E. Dobie.
"The Three Sailor Boys" .. *T. Marzials* (1)
F. E. DOBIE (Bass Baritone).
"I Fear No Foo" *C. Pinsuti*

8.50. The Scottish Orchestra.
S.B. to Aberdeen.
Enigma Variations *Elgar* (11)

9.30.—WEATHER FORECAST and NEWS.
S.B. from London.
Professor R. S. RAIT, C.B.E., LL.D., on
"History." *S.B. to Edinburgh.*
Local News.

10.0. Station Orchestra.
Request Item.
Suite, "Americana" *Thurban*

10.10. JAMES ANDERSON (Baritone).
"Punchinello" *J. L. Molloy*
F. E. Dobie.
"Mistress Prue" *J. L. Molloy*
James Anderson.
"A Warrior Bold" *Stephen Adams*
F. E. Dobie.
"The Midshipmite" .. *Stephen Adams* (1)

10.25. Station Orchestra.
March, "The Middy" *Alford*

10.30.—Close down.

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STATION ADDRESSES.		
MAIN.		
Addresses.	Telephone No.	
ABERDEEN	17, Belmont Street	2296
BELFAST	31, Linenhall Street, Belfast.	
BIRMINGHAM	195, New Street	299
BOURNEMOUTH	72, Holdenhurst Road	3460
CARDIFF	39, Park Place	2514-5
GLASGOW	202, Bath Street, Douglas	1192
LONDON	2, Savoy Hill, W.C.2, Regent	6730
MANCHESTER	57, Dickinson Street	City 9532
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 4020
LEEDS-BRADFORD	Cabinet Chambers, Basinghall	
	Street, Leeds	28131
STOKE-ON-TRENT	Majestic Buildings,	
	Stoke-on-Trent, Hanley	1970
NOTTINGHAM	4, Bridlesmith Gate,	
	Nottingham	6771
DUNDEE	1, Loches Road	Dundee 5299

WIRELESS PROGRAMME—WEDNESDAY (Nov. 26th.)

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

2LO LONDON. 365 M.

- 3.15-3.45.—Talk to Schools: Mr. J. C. STOBART: "Stories in Poetry."
 4.0-5.0.—Time Signal from Greenwich. Concert: The "2LO" Trio and Leslie Bennett (Baritone). "My Part of the Country," by A. Bonnet Laird. "More Letters of O Toyo, a Japanese School-girl," by C. Romanne James.
 5.30-6.15.—CHILDREN'S CORNER: "In Foxglove Hollow," by Joan Kennedy. "Reynard the Cunning," from "Our Four-footed Neighbours," by Walter Higgins. A Short Play for Children and Grown-ups: "The Weather Clerk," by Rose Fyleman.
 6.40-6.55.—Prof. A. J. Ireland: "Episodes in the History of England: The Danes Put King Edmund to Death."
 7.0.—TIME SIGNAL FROM BIG BEN. WEATHER FORECAST and 1ST GENERAL NEWS BULLETIN. S.B. to all Stations.

Mr. HARTLEY WITHERS on "International Payments." S.B. to all Stations. Local News.

Miscellaneous Light Programme.

- NELLIE WALKER (Contralto) in Weatherly Songs.
 EDITH KELLY-LANGE (Solo Violin).
 TONI FARRELL (Speciality Pianist).
 THE AMBOYNA BANJO QUARTET.
 7.30. Quartet.
 "Bonnie Scotland" Kennedy
 "Two of Us" H. Lyall Phillips
 "Zarana" Joe Morley
 Edith Kelly-Lange.
 "Ballade et Polonaise" Vieuxtemps
 7.50.—"From My Window," by Philemon.
 Nellie Walker.
 Settings of Weatherly Lyrics.
 "Beyond the Dawn" Sanderson (1)
 "Parted" Tosti
 "The House of Happiness"
 Barbara Hope (1)

- "Angus Macdonald" Joseph Rocckel
 8.15. Selected Poetry Readings.
 8.30. Toni Farrell.

- "Valse Pastorale" Alison Travers
 "Goodies on the Griddle" Toni Farrell
 Edith Kelly-Lange.
 Irish Airs arranged by J. F. Larchet, introducing: "Emer's Farewell," "The Wind that Shakes the Barley and the Flowers of Donnybrook," "The Wheelwright," and the Reel, "New Potatoes."
 "THE PERFECT PAIR."
 (Vera Beringer.)

John Willingham R. E. JEFFREY
 Dora Willingham (his Wife)

OLIVE SLOANE

Scene: The Drawing-room in the Willingham's House.

- Toni Farrell.
 "Fate," Fox-trot.
 Also as it would have been treated by Brahms and Liszt.
 Nellie Walker.
 "At the Mid-Hour of Night" Cowen (15)
 "The Willow" Goring Thomas
 Quartet.
 "Spanish Romance" Grimshaw
 "Jolly Follies," Fox-trot Cecil Folkestone
 "Lullaby" Stavordale

- 9.30.—TIME SIGNAL FROM GREENWICH. WEATHER FORECAST and 2ND GENERAL NEWS BULLETIN. S.B. to all Stations except Manchester.

"The Week's Work in the Garden," by the Royal Horticultural Society. S.B. to all Stations except Manchester.

Mr. DOUGLAS KENNEDY, of the Folk Dance Society, on "The Country Dance" (1). S.B. to all Stations except Manchester. Local News.

- 10.5.—THE SAVOY ORPHEANS AND SAVOY HAVANA BANDS, relayed from the Savoy Hotel, London. S.B. to all Stations.
 11.0.—Close down.

5IT BIRMINGHAM. 475 M.

- 3.30-4.30.—Lozells Picture House Orchestra. Roy Henderson (Baritone). Principal Alfred Hayes (of the Birmingham Midland Institute), on "English Literature."
 5.0-5.30.—WOMEN'S CORNER: H. Bolam (of the Juvenile Employment Department, Birmingham Education Committee) on "Careers for Boys: Non-Ferrous Metal Trades."
 5.30-6.30.—CHILDREN'S CORNER.
 6.30-6.45.—"Teens' Corner: Alice Couchman: Talk and Recital of the Works of Liszt.
 7.0.—WEATHER FORECAST and NEWS. S.B. from London.

Mr. HARTLEY WITHERS. S.B. from London. Local News.

- 7.30. "A TALE OF OLD JAPAN."
 (Coleridge-Taylor) (11).

Relayed from the Town Hall, Walsall.

- GERTRUDE DAVIES (Soprano).
 ALICE VAUGHAN (Contralto).
 GEOFFREY DAMS (Tenor).
 JAMES HOWELL (Baritone).
 THE STATION SYMPHONY ORCHESTRA

and THE WALSALL PHILHARMONIC SOCIETY.

Conducted by JOSEPH LEWIS.

- 9.30.—WEATHER FORECAST and NEWS. S.B. from London.

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

Mr. DOUGLAS KENNEDY. S.B. from London. Local News.

- 10.5.—THE SAVOY BANDS. S.B. from London.

- 11.0.—Close down.

6BM BOURNEMOUTH. 385 M.

- 3.30-5.0.—The "6BM" Trio: Reginald S. Monat (Violin), Thomas E. Illingworth (Violoncello), Arthur Marston (at the Piano). Betty Thompson (Soprano).
 Talk to Women: "The Week's Work in the Garden," by George Dance.

- 5.0-6.0.—CHILDREN'S CORNER: "Sugar Plum Fairy," by the Lamplighter.

- 6.0-6.30.—Scholars' Half-Hour: Mrs. Eric Sharpe, M.A., "The Burgesses and Yeoman at Home."

- 6.30-6.45.—Station Talk by Bertram Fryer, Station Director.

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

Mr. HARTLEY WITHERS. S.B. from London. Local News.

"Pictures."

- 7.30. THE WIRELESS ORCHESTRA.
 Conducted by

Capt. W. A. FEATHERSTONE.

- 7.40. Picture.
 "A Hopeless Dawn," by Frank Bramley, R.A.

- 7.55. Orchestra.
 Spanish Serenade, "La Paloma" .. Yradier

- 8.0. JOHN HENRY (Entertainer).
 Selections from his Repertoire.

- 8.10. Orchestra.
 "Sérénade des Mandolines" .. Desormes

- 8.15. Picture.
 "On a Farm in Kent," by T. Sidney Cooper, R.A.

- 8.30. Orchestra.
 "Two Hindoo Pictures" .. Hansen-Lotter

- 8.40. John Henry.
 Selections from his Repertoire.

- 8.50. Orchestra.
 "Hungarian Dance," No. 5 Brahms

- 8.55. Picture.
 "Claude Duval," by W. P. Frith, R.A.

- 9.10. Orchestra.
 Barcarolle, "The Tales of Hoffmann" Offenbach

- 9.15. John Henry.
 Selections from his Repertoire.

- 9.20. Orchestra.
 "A Hunting Scene" Bucalossi

- 9.30.—WEATHER FORECAST and NEWS. S.B. from London.

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

Mr. DOUGLAS KENNEDY. S.B. from London. Local News.

- 10.5.—THE SAVOY BANDS. S.B. from London.

- 11.0.—Close down.

5WA CARDIFF. 351 M.

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

- 5.0-5.45.—"5WA'S" "FIVE O'CLOCKS": The Station Orchestra. Talks to Women.

- 5.45-6.30.—CHILDREN'S CORNER.

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

Mr. HARTLEY WITHERS. S.B. from London. Local News.

- 7.30. Another Bunch of Sweet Lavender.
 RUTH PARRY EVANS (Soprano).
 JOHN BUCKLEY (Baritone).
 THE STATION ORCHESTRA:

Conductor, WARWICK BRAITHWAITE. Orchestra.

- Minuet Boccherini
 Melody in F Rubinstein

Ruth Parry Evans.

- "Kathleen Mavourneen" Crouch
 "Barbara Allen" Old English

- "Old Folks at Home" William Edis
 John Buckley.

- "Down Among the Dead Men" Old English
 "Even Bravest Heart" Gounod

- "To Anthea" Hatton
 Orchestra.

- Old World Waltzes.
 Selection, "Maritana" Wallace
 Ruth Parry Evans.

- "Three Fishers Went Sailing" Hullah
 "The Last Rose of Summer" Anon.

- "The Banks of Allan Water" Anon.
 John Buckley.

- "Widdicombe Fair" } Traditional
 "The Minstrel Boy" }
 "Lowland Sea" }
 Orchestra.

- "Looking Backward" Finch
 Memories of Melodies we Love.

Ruth Parry Evans.

- "Gwraig Y Morwr" Joseph Parry
 "Dafydd Y Garreg Wen" Anon.

- "Y Deryn Pur" Anon.

- 9.30.—WEATHER FORECAST and NEWS. S.B. from London.

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

Mr. DOUGLAS KENNEDY. S.B. from London. Local News.

- 10.5.—THE SAVOY BANDS. S.B. from London.

- 11.0.—Close down.

2ZY MANCHESTER. 375 M.

- 3.0-3.30.—Music relayed from the Oxford Picture Theatre.

- 3.30-4.0.—Broadcast for Primary Schools: Mrs. C. S. S. HIGHAM, Ph.D., on "The Children of James J."

- 4.0-4.30.—Ronald Gourley (Entertainer at the Piano).

- 4.30-5.0.—WOMEN'S HALF-HOUR.

- 5.0-6.0.—CHILDREN'S CORNER.

- 6.30-6.55.—Prof. T. H. Pear, M.A., B.Sc., of Manchester University, on "What is Psychology?" (1), Everyday Problems."

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 401.

WIRELESS PROGRAMME—WEDNESDAY (Nov. 26th.)

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

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

Mr. HARTLEY WITHERS. *S.B. from London.* Local News.

7.30. THE "2ZY" DRAMATIC COMPANY Present

"A BUTTERFLY ON THE WHEEL." A Play in Four Acts,

by Edward G. Hemmerde and Francis Neilson.

(First broadcast December 21st, 1923.)

Cast:

The Rt. Hon. George Admaston, M.P.

VICTOR SMYTHE

Roderick Collingwood .. TOM WILSON

Lord Ellerdine .. B. T. FLEMING

Sir John Burroughs (President of the

Divorce Court) .. H. B. BRENNAN

Sir Robert Fyffe, K.C., M.P. (Mr. Admas-

ton's Leading Counsel)

VICTOR SMYTHE

Gervaise McArthur, K.C. (Mrs. Admaston's

Leading Counsel) T. O. BEACHCROFT

Stuart Menzies, K.C. (Mr. Collingwood's

Leading Counsel) .. D. E. ORMEROD

Foreman of the Jury .. H. IRVING

Jacques (a Waiter) GASCOYNE BURTON

Mr. Parke (Lord Ellerdine's Valet)

S. LATTON

Footman .. KENNETH DUKE

Detective .. SEYMOUR PARKS

Lady Attwill .. BETTY ELSMORE

Pauline .. EDITH LEACH

Peggy Admaston DOROTHY FRANKLIN

Act I.

Mrs. Admaston's room at the Hotel des

Tuileries, Paris.

Early Spring—shortly after midnight.

Act II.

Mrs. Admaston's room at the Hotel des

Tuileries, Paris.

Early Spring—next morning.

Act III.

The Probate, Divorce, and Admiralty

Division of the High Courts of Justice,

Court II.

Six months after Act II.—Afternoon.

Act IV.

Boudoir in Admaston House.

The same afternoon—later.

Directed by D. E. ORMEROD.

Produced by VICTOR SMYTHE.

Incidental and Entr'acte Music by

THE "2ZY" QUARTET.

Overture. "Spring Song" .. Mendelssohn

Between Acts I. and II., "La Cinquan-

taine" .. Gabriel Marie

Between Acts II. and III., "Bal Masqué"

Fletcher

Between Acts III. and IV., "In the

Shadows" .. Finck

10.0.—WEATHER FORECAST and NEWS.

Local News.

10.15.—THE SAVOY BANDS. *S.B. from*

London.

11.0.—Close down.

5NO NEWCASTLE. 400 M.

3.45-4.45.—The Station Septet: Conductor, Edward Clark.

4.45-5.15.—WOMEN'S HALF-HOUR: The Rev. Arthur H. Robins on "The State and the Child."

5.15-6.0.—CHILDREN'S CORNER.

6.0-6.30.—Scholars' Half-Hour: Mr. W. L. Brown, M.Sc., on "Prehistoric Cave Dwellers."

6.45.—Farmers' Corner: Prof. Gilchrist, Seasonable Notes.

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

Mr. HARTLEY WITHERS. *S.B. from London.* Local News.

Selections from Opera.

MARY JARRED (Contralto).

FREDERIC COLLIER (Baritone).

THE STATION ORCHESTRA.

Conductor, EDWARD CLARK.

7.30. Orchestra.

Overture, "Don Giovanni" .. Mozart

7.40. Mary Jarred.

"Che faro senza Eurydice" ("Orfeo")

Gluck

"Divinités du Styx" ("Alceste") .. Gluck

7.50. Orchestra.

"Lucia di Lammermoor" .. Donizetti

8.0. Frederic Collier.

Recit., "Alzati" .. ("Un Ballo in")

Aria, "Eri tu" .. ("Maschera") } Verdi

Mephisto's Serenade ("Faust") .. Gounod

8.10. Orchestra.

Ballet Music, "I Vespri Siciliani" .. Verdi

8.20. Mary Jarred.

"Softly Awakes My Heart" .. ("Samson")

"O Love From Thy Power" .. ("Delilah")

Saint-Saens

8.30. Orchestra.

"Rigoletto" .. Verdi

8.40. Frederic Collier.

Aria, "She Alone Charmeth My Sadness"

("Irene") .. Gounod

"Garment Antique and Rusty" ("La

Bohème") .. Puccini

8.50. Orchestra.

"I Lombardi" .. Verdi

9.0. ANGUS MORRISON (Pianoforte Recital).

Toccata in F Sharp Minor .. Bach

Arabesque .. Schumann

Romance in F Sharp .. Schumann

Barcarolle No. 1 .. Gabriel Faure

Pavane pour une Infante défunte

Maurice Ravel

Danse Rituelle du Feu .. Manuel de Falla

9.30.—WEATHER FORECAST and NEWS.

S.B. from London.

Royal Horticultural Society Talk. *S.B.*

from London.

Mr. DOUGLAS KENNEDY. *S.B. from*

London. Local News.

10.5.—THE SAVOY BANDS. *S.B. from*

London.

11.0.—Close down.

2BD ABERDEEN. 495 M.

3.30-5.0.—Popular Afternoon: The Wireless Septet. Feminine Topics. Dr. James A. Stephen, Child Welfare Medical Officer, on "Child Welfare." Malcolm Craig (Baritone).

5.30-6.40.—CHILDREN'S CORNER: Auntie Gwyneth sings and speaks of "Welsh Folk Songs."

6.40.—Mr. W. H. Bruford, M.A., 6th Lecture on "German."

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

Mr. HARTLEY WITHERS on "International Payments." *S.B. from London.*

Local News.

Royal Horticultural Society of Aberdeen Talk.

Everybody's Programme.

HELEN DE FREY (Soprano).

ROBERT TAYLOR (Solo Pianoforte).

THE WIRELESS ORCHESTRA.

7.35. Orchestra.

Selection, "Mr. Manhattan" .. arr. Carr

7.50. Helen de Frey.

Mimi's Song ("La Bohème") .. Puccini

"The Blackbird's Song" .. Cyril Scott (4)

"So Sweet is She" .. Barstow (14)

"Come, Lovers, Follow Me" .. Barstow (14)

8.5. Robert Taylor.

Prelude and Fugue in A Minor .. Bach-Liszt

Sonata in D .. Scarlatti

Intermezzo in E Flat Minor .. Brahms

Andaluza .. de Falla

CHAPPELL

and

WEBER

pianos are in use at the

various stations of the

B.B.C.

8.25. Orchestra.

Selection, "Catherine" .. Tchaikovsky

8.40. Helen de Frey.

"One Fine Day" ("Madame Butterfly")

Puccini

Hindoo Song ("Sadko") .. Rimsky-Korsakov

"Christ in His Garden" .. Tchaikovsky

"The Dream" .. Lassen

8.55. Robert Taylor.

"L'Isle Joyeuse" .. Debussy

Liebesträums, No. 3 .. Liszt

Staccato Study .. Rubinstein

9.15. Orchestra.

First Movement from a Scotch Symphony

Mendelssohn

9.30.—WEATHER FORECAST and NEWS.

S.B. from London.

Royal Horticultural Society Talk. *S.B.*

from London.

Mr. DOUGLAS KENNEDY. *S.B. from*

London. Local News.

10.5.—THE SAVOY BANDS. *S.B. from*

London.

11.0.—Close down.

5SC GLASGOW. 420 M.

3.30-4.0.—Broadcast to Schools: Talks on Literature and Music. The Wireless Quartet.

4.0-5.15.—The Wireless Quartet. Maurice A. Barelay (Baritone). Afternoon Topics.

5.15-6.0.—CHILDREN'S CORNER: Singing Lesson by Auntie Cyclone, assisted by Tinkle Bell. Mr. A. M. Knight on "Model Engines and Railways."

6.0-6.5.—Weather Forecast for Farmers.

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

Mr. HARTLEY WITHERS. *S.B. from London.* Local News.

7.30.—D. MILLAR CRAIG on "The History of Opera." *S.B. to Edinburgh.*

Light Orchestral Programme.

THE STATION ORCHESTRA:

Conducted by

HERBERT A. CARRUTHERS.

GERTRUDE SIMPSON (Soprano).

ELSIE SUDDABY (Soprano).

7.45. Orchestra.

Overture, "A May Day" .. Haydn Wood

Elsie Suddaby.

"My Heart is Like a Singing Bird" ..

"Where Shall the Lover Rest?" .. Sir Hubert Parry

"Three Aspects" ..

Orchestra.

Entr'acte, "Chanson de Matin" .. Elgar (11)

8.15. Soprano Songs.

"Dormi, dormi bell, Bambino" ("The Prisoner of Edinburgh") .. Bico

"A Pastoral" .. Veracini, arr. A. L. (1)

"A Little Twilight Song" .. C. Clarke

8.30. Orchestra.

Fantasy, "Mediterranean" .. Arnold Bax

Elsie Suddaby.

"A Fairy Town" ..

"Whether I Live" .. Sir Hubert Parry

"Armida's Garden" ..

Orchestra.

Entr'acte, "On the Road to Zag-a-Zig"

Finck

9.0. Soprano Songs.

Micaela's Song ("Carmen") .. Bizet

"A Memory" .. Goring Thomas

"Fairy Cradles" .. Molly Carew

9.15. Orchestra.

Waltz, "Promotionen" .. Strauss

March, "Vimy Ridge" .. Bidgood

9.30.—WEATHER FORECAST and NEWS.

S.B. from London.

Royal Horticultural Society Talk. *S.B.*

from London.

Mr. DOUGLAS KENNEDY. *S.B. from*

London. Local News.

10.5.—THE SAVOY BANDS. *S.B. from*

London.

11.0.—Close down.

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De La Prononciation du Français (Suite).

The following talk will be given from London by M. E.-M. Stephan on Thursday, November 27th. It is printed here in French to enable students to follow the speaker word for word.

LES voyelles nasales une fois apprises il faut que l'étudiant se méfie de certaines fautes qui ne sont que trop communes. Je veux parler de la tendance à prononcer, après les voyelles nasales, des consonnes nasales (m, n, ng), lorsque la syllabe suivante commence par une consonne.

Il faut bien se rappeler que si dans l'orthographe usuelle les voyelles nasales françaises s'écrivent avec m ou n, ces deux dernières lettres ne se font entendre que très rarement.

On devra donc éviter :

(1) De prononcer le m dans des mots tels que : pompe, tomber, jambon, sembler, humble, grimper, nom, prison, etc.
(2) De prononcer le n dans des mots tels que : bon, grande, tante, tardif, attendre, enfant, entrain, chanter, singe, pinson, dindon, lundi, etc.

(3) De prononcer le ng anglais de "sing" dans des mots tels que : inquiet, ingrat, engrais, enduis, Hongrie, conduis, congrès, anxieux, un gros, un gros, etc.

Pour éviter ces fautes il y a un moyen bien simple, c'est de prononcer les mots en deux syllabes complètement détachées : (tom-ber, cha-ta-ter, in-quiet, man-quer), puis de prononcer de plus en plus vite de façon à réduire graduellement l'intervalle et à établir finalement le contact des deux syllabes.

Les voyelles nasales sont tellement importantes et généralement si mal prononcées que les étudiants feraient bien de répéter après moi les exercices suivants :

Exercice sur ie : Ce vin est bien fin ; cet écrivain est vilain ; cinq chiens pleins de crainte ; un singe malin ; le sapsin du jardin ; un Veutien hautain et inhumain.

Exercice sur un : Loudun et Verdun ; quelques-uns étaient bruns ; aucun n'était humble ; lundi à Autun et mardi à Melun ; un parfum de Dunkerque ; d'un commun accord.

Exercice sur in : A la fin quelqu'un vint ; aucun ne le craint ; un humble coquin ; de fins parfums ; c'est un importun ; du pain pour chacun.

Exercice sur au : Un grand enfant ; il en plante devant la bane ; il y en a dans la chambre blanche ; Jean est un charmant enfant ; le commandant semble penser longuement.

Exercice sur on : Allons donc ; du bonbon ; un bon garçon ; un selon rond ; donnons ce pompon au dragon ; le ballon de Léon est au fond du salon.

Exercice sur ou : Un bon bûche ; de la farine sans son ; il ne faut pas confondre dans et dont, fend et font ; ment et mont ; vent et vont ; temps et ton ; paon et pond.

Exercice sur in, un, au et on : Un bon grand pain ; un bon vin blanc ; Jean et Valentin ne font qu'un ; on en a tant ce matin que chacun est content ; mon oncle et ma tante partiront demain pour Autun. Il chante de bon matin quand il est encore à jeun ; un sapsin sous le allonge son ombre sur la terre blanche ; et semble contempler le firmament, plein d'étoiles scintillantes.
(A suivre.)

[After the above Talk on Pronunciation M. Stephan will read "Le Sous-Préfet aux Champs," by Alphonse Daudet, taken from *Lettres de Mon Moulin*, pages 165, 166, 167, 168, 169, 170, and 171.]

RADIO REMARKS.

THE ambition of the B.B.C. and its servants is to be regarded as a public service, and in spite of room for improvement, they do add tremendously to the amenities of our deplorable civilization.—*Newcastle Chronicle*.

Grumble though we may—and do—at our broadcasts, where can we find better? They are not in the U.S. They most certainly are not in France, or Italy, or Spain, or Scandinavia. The German programmes are the nearest approach to ours, but, while their musical selections are mostly excellent, the other sections are decidedly inferior.—*Glasgow Daily Record*.

It is time that wireless were installed in our prisons. It would help to bring some sunshine into the lives of people condemned to exist there. . . . Mr. ERNEST HUTCHINGS, President of the Torbay and District Radio Society.

The B.B.C. does not seem to mind their own official organ printing letters violently critical of their own programmes.—*Clapham Observer*.

The Patron Saint of Wireless: Guy Fawkes, who first attempted to broadcast Parliament.—*Star*.

It is a pity that there is so much prejudice in official educational circles in Leicestershire against the introduction of wireless instructional features into the school curriculum.—*Leicester Daily Mercury*.

WIRELESS PROGRAMME—THURSDAY (Nov. 27th.)

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

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: Prof. A. J. IRELAND on "Lives of Great Men."
- 4.0-5.0.—Time Signal from Greenwich. Concert: The "2LO" Trio. A Talk on Fashion, by Phillida. Spencer Courtenay (Tenor). "Historical Pictures—(1) Pepys and His Times," by Alice Cunninghame.
- 5.30-6.15.—CHILDREN'S CORNER: "Puss in Boots," edited by Charles S. Bayne. Round the Islands of Great Britain—"The Orkneys." "The Wicked Uncle" and Auntie Hilda at the Piano. "L.G.M." of the *Daily Mail*.
- 6.40-6.55.—Mr. Charles Foulkes, Curator of the Imperial War Museum, on "Armouries of the Tower of London."
- 7.0.—TIME SIGNAL FROM BIG BEN. WEATHER FORECAST and 1ST GENERAL NEWS BULLETIN. *S.B. to all Stations.*
Talk by the Radio Society of Great Britain. *S.B. to all Stations.*
FRENCH TALK under the auspices of L'Institut Français. *S.B. to all Stations.*
Local News.
- 7.30.—All Stations Programme. (For particulars see centre column.)
- 9.30.—TIME SIGNAL FROM GREENWICH. WEATHER FORECAST and 2ND GENERAL NEWS BULLETIN. *S.B. to all Stations.*
Mr. A. R. BUBROWS, Director of Programmes, B.B.C.: "Our Post-bag." *S.B. to all Stations.*
Local News.
- 10.0.—All Stations Programme (Continued).
- 10.30.—Close down.

5IT BIRMINGHAM. 475 M.

- 3.30-4.30.—The Station Pianoforte Quintet. J. Dale-Smith (Baritone).
- 5.0-5.30.—WOMEN'S CORNER: A. W. Sanders on "Coal—Aspects of Interest to the Consumer." Marjorie Wilks (Solo Pianoforte).
- 5.30-6.30.—CHILDREN'S CORNER.
- 6.30-6.45.—Teens' Corner: Florence M. Austin—"Temples of Nature."
- 7.0-10.30.—*The entire Programme S.B. from London.*

6BM BOURNEMOUTH. 385 M.

- 3.30-5.0.—Austin Dewdney (Pianoforte Recital). THE ROYAL BATH HOTEL DANCE ORCHESTRA, relayed from King's Hall Rooms. (Musical Director, DAVID S. LIFF.) Talk to Women: "The Blues, —The Tango," by Ronald Timmins.
- 5.0-6.0.—CHILDREN'S CORNER: "Beryl's Escapade," by Lily Racker Hudson. Capt. W. A. Featherstone on "Musical Instruments."
- 6.0-6.30.—Scholars' Half-Hour: Hubert Hill on "Citizenship" (No. 2).
- 6.30-6.45.—Farmers' Talk: Mr. T. Webberley, M.L.A., N.D.A., N.D.D., F.L.S., on "Forage Cropping."
- 7.0-10.30.—*The entire Programme S.B. from London.*

ALL STATIONS PROGRAMME. (except Belfast). 7.30-8.15.

- Part of Hallé Concert.
Relayed from the Free Trade Hall, Manchester.
- THE HALLÉ ORCHESTRA.
Conductor, HAMILTON HARTY.
- Overture, "In der Natur" Dvorak
Divertimento Mozart
"In the Mountain Country" E. J. Moeran
Introduction and Cortège des Noces,
"Le Coq d'Or" ... Rimsky-Korsakov
- 8.20-9.30 and 10.0-10.30.
Relayed from London.
WILLIE ROUSE.
(Wireless Willie)
will introduce a few
"BOHEMIANS."

5WA CARDIFF. 351 M.

- 3.0-4.30. THE STATION ORCHESTRA.
Conductor, WARWICK BRAITHWAITE.
ROY HENDERSON (Baritone).
Orchestra.
- Overture to an Irish Comedy" Ansell
Suite, "The Village Green" April
(1) "Morris Dance"; (2) "Young Lovers"; (3) "The Village Fair."
Roy Henderson.
- "Hiawatha's Vision" Coleridge-Taylor (11)
"Onaway, Awake, Beloved" Cowen
Orchestra.
- Selection, "Cavalleria Rusticana"
Mascagni-Tavan
Roy Henderson.
- "Twilight It Is" John Wightman
"Oh, Let the Solid Ground" Somervell (1)
"Eleanor" Mallinson
"Looking Backward" Parry (11)
Orchestra.
- Suite, "My Lady Dragon-Fly" ... Finch
(1) "The Call of the Sun"; (2) "The Bull Frog's Shadow"; (3) "The Dance of the Silver Pool"; (4) "Golden Days"; (5) "The Love Spell"; (6) "The Last Dance of Summer."

IMPORTANT TO READERS.

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

LETTERS FOR THE B.B.C., containing programme suggestions or criticisms, should be sent to the Organiser of Programmes, 2, Savoy Hill, W.C.2.

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- Roy Henderson.
"The Yeomen of England"
Edward German
"Son of Mine" } W. Wallace
"The Rebel" }
Orchestra.
- "Lazy Dance" Ring
"The B'hoys of Tipperary" Amers
- 5.0-5.45.—"5WA'S" "FIVE O'CLOCKS":
Talks to Women. Mr. Isaac J. Williams, Keeper of Art, The National Museum of Wales. Mr. Arthur Short, Deputy Camp Chief, will talk to Boy Scouts. Vocal and Instrumental Artists.
- 5.45-6.30.—CHILDREN'S CORNER.
- 6.45-7.0.—Dr. Jas. J. Simpson, M.A., D.Sc., on "Romances of Natural History."
- 7.0-10.30.—*The entire Programme S.B. from London.*

2ZY MANCHESTER. 375 M.

- 11.30-12.30.—Concert by the "2ZY" Quartet.
- 4.30-5.0.—WOMEN'S HALF-HOUR: Mrs. Lennox Napier on "Angkor—Indo-China."
- 5.0-6.0.—CHILDREN'S CORNER.
- 6.30-6.35.—Boy Scouts' Local News Bulletin.
- 7.0-10.30.—*The entire Programme S.B. from London.*
- 10.30.—Mr. W. F. BLETCHER, Examiner in Spanish to the U.L.C.I., Spanish Talk.
- 11.0.—Close down.

5NO NEWCASTLE. 400 M.

- 3.45-4.45.—Ronald W. Gourley (Entertainer); W. H. Rowe (Bass-Baritone). Mabel Offer (Mezzo-Soprano).
- 4.45-5.15.—WOMEN'S HALF-HOUR: Miss Joyce Robson, B.Sc., Talk.
- 5.15-6.0.—CHILDREN'S CORNER.
- 6.0-6.30.—Scholars' Half-Hour: Mrs. Grace Burns on "Tea, Coffee and Cocoa."
- 7.0-10.30.—*The entire Programme S.B. from London.*

2BD ABERDEEN. 495 M.

- 3.30-5.0.—Light Programme: The Wireless Septet. Feminine Topics. Mr. G. Bennett-Mitchell, M.B.E., D.L., on "The Re-organization of the V.A.D." Robert Melvin (Baritone).
- 5.30-6.0.—CHILDREN'S CORNER: "More Adventures of Gulliver."
- 6.40-6.55.—Boys' Brigade News Bulletin: "A Message about B.B. Week."
- 7.0-10.30.—*The entire Programme S.B. from London.*

5SC GLASGOW. 420 M.

- 3.30-4.55.—The Wireless Quartet. Helen de Frey (Soprano). Afternoon Topics. Mrs. M. C. Lynch on "The Work of the Society for Prevention of Cruelty to Children."
- 5.15-6.0.—CHILDREN'S CORNER: Weekly Stamp Chat by Uncle Phil.
- 6.0-6.5.—Weather Forecast for Farmers.
- 7.0-10.30.—*The entire 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 401.

WIRELESS PROGRAMME—FRIDAY (Nov. 28th.)

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

2LO LONDON. 365 M.

- 1.0-2.0.—Time Signal from Greenwich. Concert: The "2LO" Trio and Louise Hemery (Lady Tenor).
 3.15-3.45.—Transmission to Schools: Lecture on "French" under the auspices of L'Institut Français.
 4.0-5.0.—Time Signal from Greenwich. Miss Rebecca West interviewed in the London Studio by Miss Jane Barrington. Lily Langdon (Pianoforte). Careers for Women: "Engineering," by the Hon. Lady Parsons, J.P.
 Organ Music, relayed from Shepherd's Bush Pavilion.
 5.30-6.15.—CHILDREN'S CORNER: Miss Rose Fyleman will read Stories from the Merry-go-Round. Auntie Marie's Stories of France. Uncle Jack Frost's Wireless Yarn.
 6.40-6.55.—Ministry of Agriculture's Fortnightly Bulletin. *S.B. to other Stations.*
 7.0.—TIME SIGNAL FROM BIG BEN. WEATHER FORECAST and 1ST GENERAL NEWS BULLETIN. *S.B. to all Stations.*
 PERCY SCHOLES: Musical Criticism. *S.B. to all Stations.* Local News.

Popular Orchestral Night.

- 7.30. GRACE GORDON (Soprano). JOHN TURNER (Tenor). ANITA HARRISON (Solo Pianoforte). GEORGE STOCKWIN and FRED BECK (Entertainers).
 THE WIRELESS ORCHESTRA: Deputy Conductor, S. KNEALE KELLEY. The Orchestra.
 March, "Nelson's Call" *Vanis*
 Overture, "The Barber of Seville" *Rossini*
 Grace Gordon.
 "Here's to Love and Laughter" ("The Sunshine Girl") *Rubens*
 Waltz Song, "Love's Own Kiss" ("High Jinks") *Freeman*
 The Orchestra.
 String Pieces.
 "Gavotte" *H. Balfour Gardiner (24)*
 "Shenandoah" *Anita Harrison.*
 Polonaise in A Flat *Chopin*
 A Breezy Interlude by Fred Beck and George Stockwin.
 John Turner.
 "Sigh No More, Ladies" *W. A. Aiken (14)*
 "To Mary" *Maud Valerie White (1)*
 "O Mistress Mine" *Roger Quilter (1)*
 The Orchestra.
 Selection, "The Little Michus" *Message*
 Grace Gordon.
 "The Love Pipes of June" *Maud Craske Day*
 "My Hero" ("The Chocolate Soldier") *Straus*
 The Orchestra.
 Romance and Two Dances ("The Conqueror") *Edward German (11)*
 John Turner.
 "So We'll Go No More a-Roving" *Maud Valerie White*
 "O Western Wind" *May Bruke (5)*
 "Clorinda" *R. Orlando Morgan (5)*
 Anita Harrison.
 Study in A Major *Poldini*
 "Noël" *Balfour Gardiner (24)*
 The Orchestra.
 Suite No. 1, "The Children's Corner" *Debussy*
 9.30.—TIME SIGNAL FROM GREENWICH. WEATHER FORECAST and 2ND GENERAL NEWS BULLETIN. *S.B. to all Stations.*
 Mr. J. A. P. EDGCUMBE, C.B.E., of the Empire Division of Overseas Trade Department, on "Some Aspects of the Empire Cruise." *S.B. to all Stations.*
 Local News.

- 10.0. The Orchestra.
 Overture, "The Sorcerer" *Sullivan*
 Fred Beck and George Stockwin Again.
 The Orchestra.
 Selection, "Looking Backward" *Finch*
 10.30.—Close down.

5IT BIRMINGHAM. 475 M.

- 3.30-4.30.—Lozells Picture House Orchestra.
 5.0-5.30.—WOMEN'S CORNER.
 5.30-6.30.—CHILDREN'S CORNER.
 6.30-6.40.—Teens' Corner: F. Gower on "Aluminium and some of its Applications."
 6.40-6.55.—Ministry of Agriculture Talk. *S.B. from London.*
 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
 PERCY SCHOLES. *S.B. from London.*
 Local News.
An Evening of Musical Comedy.
 7.30. THE STATION ORCHESTRA. GLADYS JOINER (Soprano). HAROLD CASEY (Baritone). DAVID HAMILTON (Dramatic Recital).
 Orchestra.
 Selection, "The Last Waltz" *O. Straus*
 Soprano Song.
 "Girl With a Brogue" ("The Arcadians") *Monckton*
 Baritone Song.
 "Love, Could I Only Tell Thee" *Capel*
 Orchestra.
 "Blotto" ("Toni") *West and Egen (19)*
 "Georgie-Porgie" ("The Punch Bowl") *Mayert*
 Soprano Song.
 "Bring Me a Rose" ("The Arcadians") *Monckton*

- 8.15. David Hamilton. Dramatic Recital.
 8.30. Orchestra.
 Selection, "The Pearl Girl" *Felix and Talbot*
 Fox-trot, "And That's Not All" ("The Puppets") *Novello*
 Baritone Song.
 "Deeper" ("Mary") *Hirsch*
 Duet.
 "Ten Little Bridesmaids" ("Razze Dazzle") *Allendale and Lec (T)*
 Orchestra.
 Selection, "The Rebel Maid" *Phillips*
 Fox-trot, "She Needs Another Now" ("The Puppets") *Novello*
 9.30.—WEATHER FORECAST and NEWS. *S.B. from London.*
 Mr. J. A. P. EDGCUMBE. *S.B. from London.* Local News.
 10.0. ANGUS MORRISON (Pianoforte Recital).
 Pastorale e Capriccio *Scarlatti-Tausig*
 Vogel als Prophet *Schumann*
 Nocturne in F Major, Op. 15 *Chopin*
 Study in C Minor, Op. 10 }
 Clair de Lune } *Debussy*
 Passepied } *Ravel*
 Menuet } *de Falla*
 Danse Rituelle du Feu }
 10.30.—Close down.

6BM BOURNEMOUTH. 385 M.

- 3.0-5.0.—Educational Talk: Mr. C. WHITAKER-WILSON on "Famous Composers—(1) Chopin." The "6BM" Trio. Helen Millais (the Actress Entertainer). Talk to Women: "Photography," by Miss Penrice.
 5.0-6.0.—CHILDREN'S CORNER.
 6.0-6.30.—Scholars' Half-Hour.
 6.40-6.55.—Ministry of Agriculture Talk. *S.B. from London.*
 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
 PERCY SCHOLES. *S.B. from London.*
 Local News.

Operatic and Instrumental Night.

- KATE WINTER (Soprano). WILLIAM HESELTINE (Tenor). WINIFRED SMALL (Solo Violin).

THE WIRELESS AUGMENTED ORCHESTRA.

Conducted by
 Capt. W. A. FEATHERSTONE.
 Orchestra.

- 7.30. "Dance of the Hours" ("La Gioconda") *Ponchielli*
 7.45. Kate Winter and William Heseltine.
 "La Bohème" *Puccini*
 Scene from Act I including "I Am Called Mimi" and "Oh, Lovely Maiden."
 "Madame Butterfly" *Puccini*
 Duet, "Oh, Kindly Heavens."
 8.15. Winifred Small.
 Violin Concerto in G Minor *Max Bruch*
 8.40. William Heseltine.
 "Il mio tesoro intanto" ("Don Giovanni") *Mozart*
 8.50. Kate Winter.
 "One Fine Day" ("Madame Butterfly") *Puccini*
 9.0. Orchestra.
 Ballet Music, "Sylvia" *Delibes*
 9.15. Winifred Small.
 "The Admiral's Galliard" *arr. A. Moffat*
 "Slavonic Dance in G Major" *Dvorak-Kreisler*
 "Prelude and Allegro" *Pugnani-Kreisler*
 9.30.—WEATHER FORECAST and NEWS. *S.B. from London.*
 Mr. J. A. P. EDGCUMBE. *S.B. from London.* Local News.
 10.0. Orchestra.
 Overture, "The Marriage of Figaro" *Mozart*
 10.10. Kate Winter and William Heseltine.
 "Cavalleria Rusticana" *Mascogni*
 Kate Winter—"Well, you know, dear Mother."
 William Heseltine—"Farewell, dear Mother."
 10.20. Orchestra.
 Overture, "Mignon" *Thomas*
 10.30.—Close down.

5WA CARDIFF. 351 M.

- 3.0-3.30.—Transmission to Schools.
 3.30-4.0.—The Station Trio.
 4.0-4.45.—The Carlton Orchestra, relayed from the Carlton Restaurant.
 5.0-5.45.—"5WA'S" "FIVE O'CLOCKS."
 5.45-6.30.—CHILDREN'S CORNER.
 6.40-6.55.—Ministry of Agriculture Talk. *S.B. from London.*
 7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
 PERCY SCHOLES. *S.B. from London.*
 Local News.
Music and Drama.
 7.30. "THE TORCH OF TIME."
 A Play in One Act by Laurence Hoosman. Performed by THE "5WA" REPERTORY COMPANY.
 Characters:
 Patrick, Channing, Matthew and Anthony.
 The Scene is a large barely-furnished apartment. It is night, the room is illumined by lamplight; rain whips the window; an apology for a fire smoulders in the grate.
 7.55. **An Evening With Beethoven.**
 SPENCER THOMAS (Tenor). CYRIL HELLIER (Solo Violin). CLIFFORD HELLIER (Solo Pianoforte). THE STATION ORCHESTRA: Conductor: WARWICK BRAITHWAITE. Orchestra.
 Overture, "Coriolanus." *Cyril Hellier.*
 Minuet in G Major.
 Rondino on a Theme by Beethoven *Kreisler*
 Spencer Thomas.
 Recit.—"My Father, O My Father" ("Mount of Olives.")
 Aria—"All My Soul Within Me Shudders" ("Mount of Olives").
 (Accompanied by the Orchestra.)

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WIRELESS PROGRAMME—FRIDAY (Nov. 28th.)

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

Orchestra,
Symphony No. 8, Op. 93, 1st Movement.
Cyril Hellier and Clifford Hellier.
Kreutzer Sonata for Violin and Pianoforte in A Major, Op. 47.
Spencer Thomas.
"Love's Complaint."
"Hope."
"Marmotti."
"Love of One's Neighbour."
"Adelaide."
Clifford Hellier.
Sonata in F Sharp Major, 1st Movement.
Orchestra.
Overture, "Leonora," No. 3.
9.30.—WEATHER FORECAST and NEWS.
S.B. from London.
Mr. J. A. P. EDGCUMBE. *S.B. from London.* Local News.
10.0.—Dance Music.
10.30.—Close down.

2ZY MANCHESTER. 375 M.

12.30-1.30.—Organ Music by H. Fitzroy Page, relayed from the Piccadilly Picture Theatre.
2.30-3.0.—Broadcast to Secondary Schools (Seniors). Mr. G. H. CARPENTER, D.Sc., on "The Web of Life."
3.30-4.30.—Concert by the "2ZY" Quartet.
4.30-5.0.—WOMEN'S HALF-HOUR.
5.0-6.0.—CHILDREN'S CORNER.
6.30-6.55.—Dr. J. E. Myers, O.B.E., "Everybody's Chemistry—(4) A Talk about Acids."
7.0.—WEATHER FORECAST and NEWS.
S.B. from London.
PERCY SCHOLES. *S.B. from London.* Local News.

7.30. Symphony Concert.

THE AUGMENTED ORCHESTRA.
Conductor, DAN GODFREY, Junr.
ASTRA DESMOND (Contralto).
ROY HENDERSON (Baritone).
Orchestra.
Overture, "The Wasps" *Vaughan Williams*
Ballet Music, "Ascanio" *Saint-Saëns*
Contralto Song.
"Chanson Perpétuelle" *Chausson*
Orchestra.
Suite, "The Good-humoured Ladies"
Scarlatti Tommasini
Baritone Songs.
"Credo," from "Othello" *Verdi*
"Vision Fugitive" ("Hérodiade")
Massenet

Orchestra.
Rhapsody, "A Shropshire Lad"
Butterworth

Contralto Songs.
"Shut not so Soon" *Ethel Angless* (1)
"One Morning in the Flower Garden" *Eric Fogg* (4)
"Dawn Song"

Baritone Songs
"Intermezzo" *Schumann*
"The Blacksmith" *Brahms*
"More Fair, and Pure and Holy"
Schumann

Orchestra.
Symphony in D Minor *Cesar Franck*

9.30.—WEATHER FORECAST and NEWS.

S.B. from London.
Mr. J. A. P. EDGCUMBE. *S.B. from London.* Local News.
Station Director's Talk.
10.10. Orchestra.
"Capriccio Espagnol" *Rimsky-Korsakov*
10.30.—Close down.

5NO NEWCASTLE. 400 M.

3.45-4.45.—Sid Pugh's Quartet Party.
4.45-5.15.—WOMEN'S HALF-HOUR.
5.15-6.0.—CHILDREN'S CORNER.
6.0-6.30.—Scholars' Half-Hour: Mr. P. Bateman, B.A., "Biographical Sketches of Great Musicians—Beethoven."
6.40-6.55.—Ministry of Agriculture Talk.
S.B. from London.

7.0.—WEATHER FORECAST and NEWS.

S.B. from London.
PERCY SCHOLES. *S.B. from London.* Local News.
BETTY HUMBLE (Soprano).
MAY GRANT (Contralto).
JOHN OLIVERE (Baritone).
SAM BARBACLOUGH (Solo Cornet).
THE STATION ORCHESTRA:
Conductor, EDWARD CLARK.
Moore's Irish Melodies.

7.30. Orchestra.

Irish Rhapsody *Stanford*
7.40. May Grant.
"The Minstrel Boy."
"The Meeting of the Waters"
Arr. Moffat (25)

7.50. Sam Barraclough.
Cornet Solo, "Come Back to Erin"
Arr. Hoch

8.0. John Olivere.
"Oft in the Stilly Night."
"The Harp that Once Thro' Tara's Halls."
8.10. May Grant.
"She is Far From the Land" *arr. Lambert*
"Avenging and Bright" *arr. Moffat* (25)

8.20. Orchestra.
Irish Jig *Rocckel*

8.30. Songs of Many Lands.

Orchestra.
Overture to "Russlan and Lydmila"
Glinka

Waltz from "Fledermaus"
Johann Strauss

8.45. Betty Humble.
Norway: "Soft-footed Snow" *Sigurd Lie*
Italy { "Sognai" *Schira* (25)
"A Little Birdie" *Puccini*

8.55. Sam Barraclough.
Cornet Solo, "Il Bacio" *Arditi*

9.0. John Olivere.
Russia, "Don Juan's Serenade"
Tchaikovsky

France, "Pastourelles" *Weckerlin*

9.10. Betty Humble.
Norway, "Sylvelin," Op. 55, No. 1 *Sinding*
Finland, "But My Bird is Long in Homing," Op. 36 *Sibelius*
France, Serenade *Gounod*

9.20. Orchestra.
"La Paloma" *Yradier*
Intermezzo from "Cavalleria Rusticana"
Mascagni

9.30.—WEATHER FORECAST and NEWS.

S.B. from London.
Mr. J. A. P. EDGCUMBE. *S.B. from London.* Local News.
10.0. DANCE MUSIC.
10.30.—Close down.

2BD ABERDEEN. 495 M.

3.30-4.0.—School Transmission: Mr. W. W. FVIE, D.Sc., on "Wireless." The Wireless Orchestra: "A Storm Scene in Music," from The Pastoral Symphony (*Beethoven*). ENNEMONDE CASATI, L-ES-L: French Reading.
4.15-5.0.—The Wireless Orchestra.
5.15-5.0.—CHILDREN'S CORNER.
6.30.—Farmers' Advice Corner, under the auspices of the North of Scotland College of Agriculture. Conducted by Donald G. Munro, B.Sc.
6.40-6.55.—Ministry of Agriculture Talk.
S.B. from London.
7.0.—WEATHER FORECAST and NEWS.
S.B. from London.
PERCY SCHOLES. *S.B. from London.* Local News.

Music—Humour—Drama.

RONALD GOURLEY (Entertainer).
JOHANN BLAZER (Solo Violoncello).
THE BANCHORY AMATEUR CLUB.
THE UNITED SERVICES CLUB
ORCHESTRA:
Conductor—JOHANN BLAZER.

7.30. Orchestra.
"The March of the Giants" *Finck*
Overture, "The Barber of Seville" *Rossini*

7.45. Ronald Gourley.
In Music and Humour.

7.55. "THE WOMAN JUROR."

A Play in One Act by E. F. Parr.
Scene: The Interior of Jenefer Canynge's Flat in London.
Time: Half-past four on an afternoon in late autumn. Period: Present Day.
The Play produced by D. HUNTER MUNRO.

8.25. Orchestra.
Suite, "Americana" *Gertrude Thurban*

8.40. "THE BATHROOM DOOR."

A Farce in One Act by E. Jennings.
Scene: Corridor of the Hotel Majestic.
Time: 8 a.m. Period: Present Day.
The Play produced by D. HUNTER MUNRO.

9.10. Orchestra.
Selection, "Lilac Time" *arr. Clutsam*

9.30.—WEATHER FORECAST and NEWS.

S.B. from London.
Mr. J. A. P. EDGCUMBE. *S.B. from London.* Local News.
10.0. Orchestra.
March, "Gipsy Blood" *Renner*

10.5. Ronald Gourley.
More Music and Humour.

10.15. Orchestra.
Selection, "The Thistle" *Myddleton*

10.30. Johann Blazer.
Sonata in F, Op. 6 *Strauss*
Sonata in D Minor *Corelli—1653-1713*

11.0.—Close down.

5SC GLASGOW. 420 M.

3.30-4.0.—Talks on History and Music.

4.0-5.15.—The Wireless Quartet. Tina M. Paterson (Solo Pianoforte).

5.15-6.0.—CHILDREN'S CORNER.

6.0-6.5.—Weather Forecast for Farmers.

6.40-6.55.—D. V. Howells on "Horticulture."

7.0.—WEATHER FORECAST and NEWS.

S.B. from London.
PERCY SCHOLES. *S.B. from London.* Local News.
7.30.—Dental Talk, by a Dentist.
Scots Play Night.
The Scottish National Theatre Society presents
THE SCOTTISH NATIONAL PLAYERS
In Three Scottish Plays.

7.45. Orchestra.
"Coronach" *David Stephen*

7.55. "CAMPBELL OF KILMHOR."

A Play in One Act by J. A. Ferguson.
Scene: A lonely cottage on the road from Struan to Rannoch in North Perthshire.
Time: After the Rising of 1745.

8.30. String Quartet and Soloist.
"Ca' the Yowes" *arr. William Robertson*
(Vocalist, ELLEN S. C. MORRISON.)

8.40. String Orchestra.
Prelude to Play *Hugh S. Robertson*

8.45. "CHRIST IN THE KIRKYAIRD."

A duologue in Scots by Hugh S. Robertson.
Scene: Corner of a Scottish Kirkyaird.
Time: The Present.

9.15.—Talk on "Scots Drama from an Englishman's Point of View," by FRANK D. CLEWLOW, Producer, Scottish National Theatre Society.

9.30.—WEATHER FORECAST and NEWS.

S.B. from London.
Mr. J. A. P. EDGCUMBE. *S.B. from London.* Local News.
10.0. "THE GUINEA'S STAMP."
A Gentle Satire on Glasgow Society by C. Stewart Black.
Scene: The Drawing Room of a "Coast House" in Whiting Bay, Arran.
Time: The Present—A Summer Afternoon.
10.25. Orchestra.
"Scottish Dances" *arr. W. H. Cole*
10.30.—Close down.

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WIRELESS PROGRAMME—SATURDAY (Nov. 29th.)

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

2LO LONDON. 365 M.

4.0.—5.30.—Time Signal from Greenwich.
Concert:
THE "2LO" OCTET:
Under the Leadership of
S. KNEALE-KELLEY.
HAROLD MARTYN (Baritone).
DORA McCREE (Recital).
"The Domestic Servant Problem."
"A Garden Chat," by Mrs. Marion Cran,
F.R.G.S.
5.30—6.15.—**CHILDREN'S CORNER:** "The
Story of the Jackdaw of Rheims," by
Christine Chaundler. Children's News.
Music by the Octet. A Story by E.
Le Breton Martin.
6.40.—Mr. E. Le Breton Martin on "Keeping
Wild Birds Without Cages."
7.0.—**TIME SIGNAL FROM BIG BEN.**
WEATHER FORECAST and **1ST GENERAL
NEWS BULLETIN.** *S.B. to all
Stations.*
Mr. ALLEN S. WALKER, "Old Chelsea."
Local News.

Military Band Programme.

**THE BAND OF
H.M. SCOTS GUARDS**
(By permission of Col. G. C. G. Peynter,
C.M.G., D.S.O.)
Director of Music, Lieut. F. W. WOOD.
**"THE PACK OF CARDS"
CONCERT PARTY.**
Under the Direction of
J. HORACE PORTER.

7.20. The Band.
March, "The Spirit of Pagantry"
Fletcher (1)
A Children's Overture *Quilter*
7.50. Concert Party.
Our Wireless Opening Chorus
Potter and Jukes
A Futuristic Flutter *Potter and Jukes*
The Song of Harlequin, introduced by the
Ace of Hearts *Potter and Jukes*
All About "Barbara" recalled by the Ace
of Spades *Burnaby (7)*
The Ace of Diamonds will play Valse 4
Chaminade (5)
The Joker Becomes an "Optimist"
Cherry (13)
8.10. The Band.
"Valse Triste" *Sibelius*
Two Hindoo Pictures *Hansen*
8.30.—**THE FAMOUS "ALL BLACKS."** *S.B.*
from Cardiff.
9.0. The Band.
Song Intermezzo, "Marcheta" *Schertzinger*
Concert Party.
Operatic Cameos *Potter and Jukes*
Harlech H'altered by the Ace of Clubs
Burnaby (7)
A Little Discourse on "Proverbs"
Potter and Jukes
The Queen will sing "The Shafts of Cupid"
Fletcher
Our Topical Budget No. 8 *Potter and Jukes*
(At the Piano).
FREDERICK R. JUKES.)
The Band.
Capriccio Italien *Tchaikovsky*
9.30.—**TIME SIGNAL FROM GREENWICH.**
WEATHER FORECAST and **2ND
GENERAL NEWS BULLETIN.** *S.B.*
to all Stations.
Mr. F. M. CARRUTHERS, Soccer Topics.
S.B. to all Stations.
Local News.
10.0. The Band.
Selection, "Madame Pompadour" ... *Fall*
Morris Dance, "Skipton Rig" ... *Holliday*
Selection of Wilfred Sanderson's Songs
arr. Hume (1)
10.30.—**THE SAVOY ORPHEANS AND
SAVOY HAVANA BANDS AND SELMA
FOUR,** relayed from the Savoy Hotel,
London. *S.B. to all Stations.*
12.0.—Close down.

5IT BIRMINGHAM. 475 M.

3.30—4.30.—Children's Concert.
5.0—5.30.—**WOMEN'S CORNER:** C. S. Watson,
Homecraft Chat No. 10—Hints on
Christmas Dishes. Geraldine Proctor
(Soprano).
5.30—6.30.—**CHILDREN'S CORNER.**
6.30—6.45.—"Teens' Corner: Captain Cuttle,
A Chat on the Minesweepers."
7.0.—**WEATHER FORECAST** and **NEWS.**
S.B. from London.
Lieut. A. E. SPRY on "Careers for Boys
at Sea."
Local News.
7.30. "Elijah."
(Mendelssohn.)
Relayed from the Drill Hall,
Wolverhampton.
DORIS VANE (Soprano).
ASTRA DESMOND (Contralto).
SYDNEY COLTHAM (Tenor).
HERBERT HEYNER (Baritone).
**THE STATION SYMPHONY
ORCHESTRA,**
and
**THE WOLVERHAMPTON MUSICAL
SOCIETY.**
Conducted by **JOSEPH LEWIS.**
9.30.—**WEATHER FORECAST** and **NEWS.**
S.B. from London.
Mr. F. M. CARRUTHERS. *S.B. from
London.*
Local News and Football Review.
10.0.—**THE SAVOY BANDS.** *S.B. from
London.*
12.0.—Close down.

6BM BOURNEMOUTH. 385 M.

3.30—5.0.—Ethel Rowland (Pianoforte Recital).
Talk to Women: "Music Talk," by
Allan Franklin, B.A. **THE ROYAL
BATH HOTEL DANCE ORCHESTRA,**
relayed from King' Hall Rooms. (Musical
Director, DAVID S. LIFF.)
5.0—6.0.—**CHILDREN'S CORNER:** "Music
Talk" by Uncle Franklin.
6.0—6.30.—Scholars' Half-Hour: H. J. Harding,
"Entomological Rambles."
7.0.—**WEATHER FORECAST** and **NEWS.**
S.B. from London.
Mr. C. WHITAKER-WILSON on "Chopin
—Fantasie in C Sharp Minor, Op. 66."
Local News.
7.30. **THE WIRELESS ORCHESTRA.**
Conducted by
Capt. W. A. FEATHERSTONE.
Potpourri, "A Lightning Switch"
Alford
7.40. **Song Cycle.**
"THE DAISY CHAIN"
Lehmann (1).
HAROLD STROUD (Tenor).
WINIFRED ASCOTT (Soprano).
ERNEST EADY (Baritone).
GLADYS JAMES (Mezzo-Soprano).
8.10. **MARION PERKINS** (Solo Cornet).
"The Lost Chord" *A. Sullivan (1)*
"Absent" *J. W. Metcalf (1)*
8.20. Orchestra.
Waltz, "For Valour" *Ancliffe*
March, "Yankee Grit" *Holzmann*
8.30.—**THE FAMOUS "ALL BLACKS."** *S.B.*
from Cardiff.
9.0. Marion Perkins.
Stories ("Baby at the Zoo" | *H. Mantague*
"Children's Stories") *(12)*
9.10. Orchestra.
Suite, "Americana" *Thurban*
(1) "The Tiger's Tail"; (2) "When Ma-
lindy Sings"; (3) "Water Melon Fête."
9.30.—**WEATHER FORECAST** and **NEWS.**
S.B. from London.
Mr. F. M. CARRUTHERS. *S.B. from
London.*
Local News.
10.0.—**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—5.45.—"5WA'S" "FIVE O'CLOCKS":
Talks to Women. Vocal and Instrumental
Artists.
5.45—6.30.—**CHILDREN'S CORNER.**
6.45—7.0.—Capt. H. Morrey Salmon, M.C.,
on "Wild Birds of Wales and the West
Country—Wild Ducks in Winter."
7.0.—**WEATHER FORECAST** and **NEWS.**
S.B. from London.
Mr. WILLIE C. CLISSITT on "Sport
of the Week."
Local News.
THE STATION ORCHESTRA.
THE TARRANT BAILEYS (Banjo-
Duettists).
Orchestra.
7.30. Ballet Music, "Hiawatha" *Coleridge-Taylor*
The Tarrant Baileys.
"Pop Corn"
Unaccompanied Muted Duet, } *Joe Morley*
"Mimnet" }
Banjo Solo, "A Sea Breeze"
(Soloist: Tarrant Bailey, Junr.)
Orchestra.
"Cameos" (No. 3) ... *Coleridge-Taylor*
"Ballet Egyptien" *Luigini*
The Tarrant Baileys.
"Paladium Rag"
"Donkey Laugh" } *Joe Morley*
"Jovial Huntsman" }
8.30.—**THE FAMOUS "ALL BLACKS"**
(New Zealand Rugby Football Team)
will preface an Impromptu Concert
with their famous Maori War Cry.
S.B. to all Stations except Birmingham.
Orchestra.
9.0
Chant Elégiaque *Tchaikovsky*
Serenata, Op. 15 *Moszkowski*
Chevalier March *Peters*
9.30.—**WEATHER FORECAST** and **NEWS.**
S.B. from London.
Mr. F. M. CARRUTHERS. *S.B. from
London.*
Local News.
10.0.—**THE SAVOY BANDS.** *S.B. from
London.*
12.0.—Close down.

2ZY MANCHESTER. 375 M.

3.30—4.30.—Dance Band, relayed from the
Piccadilly Picture Theatre.
4.30—5.0.—**WOMEN'S HALF-HOUR:** Lily
Kendal (Contralto).
5.0—6.0.—**CHILDREN'S CORNER.**
7.0.—**WEATHER FORECAST** and **NEWS.**
S.B. from London.
Mr. F. STACEY LINTOTT on "Sport."
Local News.
7.30. **Scottish Night.**
**THE "2ZY" AUGMENTED
ORCHESTRA:**
Conductor: T. H. MORRISON.
OLIVE MACKAY (Contralto).
ANGUS MORRISON (Solo Pianoforte).
WILLIE COCHRANE (Uncle Willie)
(Humorist).
SCOTTISH PIPERS.
Orchestra.
Overture, "Land of the Mountain and the
Flood" *Hamish McCunn*
Contralto Songs.
"Down the Burn, Davie" ... *R. Crawford*
"My Heart is Sair" *Burns*
"Road to the Isles" *arr. Kennedy-Fraser (1)*
Pianoforte Solo.
Five Pieces, Op. 13 *Mackenzie (11)*
(1) Impromptu; (2) Gigue; (3) Saga;
(4) La Coquette; (5) Evening in the
Fields.
Humorist.
"The Boss o' the Hoose" } *Lauder (7)*
"Bella, the Bell o' Dunoon" }

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 401.

WIRELESS PROGRAMME—SATURDAY (Nov. 29th)

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

Orchestra.
Keltic Suite *Foulds*
8.30.—THE FAMOUS "ALL BLACKS." *S.B. from Cardiff.*
9.0. Contralto Songs.
"My Ain Wee House" *Munro*
"Hey, Johnnie Cope" *Skivving*
Pianoforte Solos.
"Revery," Op. 88 *Mackenzie*
"Three Preludes" .. *J. B. McEwen* (17)
Humorist.
"I Think I'll Get Wed in the Summer Time"
Lauder (7)
"It's a Fine Thing to Sing"
Lauder and Cochrane (7)
Scottish Pipers.
9.30.—WEATHER FORECAST and NEWS.
S.B. from London.
Mr. F. M. CARRUTHERS. *S.B. from London.*
Local News.
10.0.—THE SAVOY BANDS. *S.B. from London.*
12.0.—Close down.

5NO NEWCASTLE. 400 M.
3.45-4.45.—Norah Wiggins (Soprano). The Station Septet: Conductor, Edward Clark.
4.45-5.15.—WOMEN'S HALF-HOUR. Miss G. M. Easten—Dramatic Recital.
5.15-6.0.—CHILDREN'S CORNER.
6.0-6.30.—Scholars' Half Hour: Mr. W. C. F. Campaign, B.Sc., "Lives of Engineers—Brunel."
6.35.—Farmers' Corner: Mr. H. C. Pawson on "Animal Nutrition." Poultry Notes.
7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
Mr. JOHN KENMIR on "Association Football."
Local News.

Music and Mirth.

ROY HENDERSON (Baritone).
FRANK CHARLTON (Entertainer).
THE STATION ORCHESTRA.
Conductor, EDWARD CLARK.
7.30. Orchestra.
Overture, "Ruy Blas" *Mendelssohn*
"Softly Awakes My Heart" *Saint-Saens*
7.40. Frank Charlton.
In Selections from his Repertoire.
7.50. Roy Henderson.
"Even Bravest Heart" ("Faust")
Gounod
Prologue, "Pagliacci" *Leoncavallo*
8.0. Orchestra.
"A Lover in Damascus"
Woodforde-Finden
"The Pink Lady" *Caryll*
8.10. Roy Henderson.
"The Yeomen of England"
Edward German
"Son of Mine" } ("Freebooter" { .. *Wallace*
"The Rebel" .. } Songs")
8.20. Frank Charlton.
In further Selections from his Repertoire.
8.30.—THE FAMOUS "ALL BLACKS."
S.B. from Cardiff.
9.0. TILLEY'S ORCHESTRA.
Relayed from
The Grand Assembly Rooms, Barras Bridge.
Dance Music.
9.30.—WEATHER FORECAST and NEWS.
S.B. from London.
Mr. F. M. CARRUTHERS. *S.B. from London.*
Local News.
10.0.—THE SAVOY BANDS. *S.B. from London.*
12.0.—Close down.

2BD ABERDEEN. 495 M.
3.30-5.0.—Concert: The Wireless Orchestra.
Feminine Topics. A. J. Wiseman (Baritone).
5.30-6.0.—CHILDREN'S CORNER: Songs by Auntie Gwyneth.
6.40.—This Week's Interesting Anniversary: "The Discovery of Tasmania—November 24th, 1642." (Prepared by John Sparke Kirkland).
7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
Mr. H. M. IRELAND on "Silver Fox Farming."
Local News.

Vocal Night.

KATHLEEN HAY (Soprano).
BETTY GALL (Contralto).
J. H. W. HENDRY (Tenor).
WALTER IRVINE (Baritone).
GEORGE MESTON (Entertainer).
7.30. Kathleen Hay.
"At the Mid-Hour of Night" *Cowen* (15)
"The Heart's Fancies" *Goring Thomas*
"Danny Boy" *Weatherly* (1)
7.40. Walter Irvine.
"To-Morrow" *Keel*
"The Company Sergeant Major"
Sanderson (1)
7.50. Betty Gall.
"We'd Better Bide a Wee" *Claribel* (25)
"The Hundred Pipers" *Nairne* (25)
8.0. George Meston.
Stories in the Doric.
8.10. J. H. W. Hendry.
"Mary" *Richardson* (34)
"The Auld Scotch Songs" *Leeson* (34)
8.20. Kathleen Hay.
"Cherry Ripe" *Horn* (1)
"Where the Bee Sucks" *Arne* (1)
"If I Were a Queen" *Williams*
"Cuckoo" *Martin Shaw* (2)
8.30.—THE FAMOUS "ALL BLACKS."
S.B. from Cardiff.
9.0. George Meston.
More Stories in the Doric.

KEY LIST OF MUSIC PUBLISHERS.

1. Boosey and Co.
2. Curwen, J., and Sons, Ltd.
3. Herman Darewski Music Publishing Co.
4. Elkin and Co., Ltd.
5. Enoch and Sons.
6. Feldman, B., and Co.
7. Francis, Day and Hunter.
8. Larway, J. H.
9. Lawrence Wright Music Co.
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11. Novello and Co., Ltd.
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31. Keith Prowse and Co., Ltd.
32. Worton David, Ltd.
33. A. J. Stasney Music Co., Ltd.
34. Paterson, Sons and Co., Ltd.
35. Reid Bros., Ltd.

9.10. Kathleen Hay.
"It Was a Lover and His Lass" *Quilter* (1)
"Foreign Children" *Quilter*
"The Fairy Pipers" *Brewer* (1)
"The Market" *Carew*
9.20. Walter Irvine.
"Thy Beaming Eyes" *MacDowell* (4)
"Harlequin" *Sanderson* (1)
9.30.—WEATHER FORECAST and NEWS.
S.B. from London.
Mr. F. M. CARRUTHERS. *S.B. from London.*
Local News.
10.0. Walter Irvine.
"Ship o' Mine" } *Wood* (1)
"The Sea Road" }
10.10. Betty Gall.
"Jock o' Hazeldean" } *Traditional* (25)
"Lochnagar" }
10.20. J. H. W. Hendry.
"Scotland Yet" *McLeod* (34)
"Jessie, the Flower o' Dunblane"
Smith (34)
10.30.—THE SAVOY BANDS. *S.B. from London.*
12.0.—Close down.

5SC GLASGOW. 420 M.
11.0-12.0 noon.—Rehearsal for "5SC" Radio Circle Choir.
3.30-4.50.—The Wireless Quartet. Tom Welch, the Miner Author. Afternoon Topics.
5.15-6.0.—CHILDREN'S CORNER: "At Home" Day for Children of All Ages. The Radio Circle Choir and Fairy Revels.
6.0-6.5.—Weather Forecast for Farmers.
7.0.—WEATHER FORECAST and NEWS. *S.B. from London.*
Glasgow Radio Society Talk.
Local News.

Dance Night.

THE STATION ORCHESTRA.
Conducted by ISAAC LOSOWSKY.
RONALD GOURLEY (Entertainer).
DANIEL SEYMOUR (Tenor)
Will Sing the Choruses and Vocal Numbers.
7.25. Orchestra.
Fox-trot, "Come on, Red" (6); Fox-trot, "Where the Lazy Daisies Grow" (7); Waltz, "Heather Bells" (31); One-step, "Georgie Porgie"; Fox-trot, "Don't Mind the Rain" (7); Fox-trot, "You Can't Take Dixie from Me" (6); Waltz, "Tripping Along" (9).
8.0. Ronald Gourley.
Music and Humour.
8.15. Orchestra.
Quadrilles, "Dollar Princess"; Fox-trot, "After the Storm" (6); One-step, "Chase Me, Charlie" (16).
8.30.—THE FAMOUS "ALL BLACKS."
S.B. from Cardiff.
9.0. Orchestra.
Fox-trot, "What Do You Do, Sunday, Mary?"; Fox-trot, "It Ain't Gonna Rain No More" (7); Waltz, "Little Moth, Keep Away from the Flame" (16).
9.15. Ronald Gourley.
More Music and Humour.
9.30.—WEATHER FORECAST and NEWS. *S.B. from London.*
Mr. F. M. CARRUTHERS. *S.B. from London.*
Local News.
10.0.—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 this page.



*"The
Speaker
Supreme"*

Western Electric Co. Ltd
CONNAUGHT HOUSE, ALDWYCH, LONDON, W.C.2.

WIRELESS PROGRAMME—BELFAST (Nov. 24th to Nov. 29th.)

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

2BE 435 M.

MONDAY.

4.0-5.0.—The "2BE" Quartet.
5.30-6.15.—CHILDREN'S CORNER.
7.0.—WEATHER FORECAST and NEWS.
S.B. from London.
Mr. FREDERICK BARRY, of the Ministry of Home Affairs, on "The Housing Problem."
Local News.

Musical Comedy.

ETHEL DAVISON (Soprano).
J. H. CHAMBERS (Baritone).
THE STATION ORCHESTRA.

7.30. Orchestra.
March, "Gipsy Blood" Renner
Overture, "The Arcadians"
Monckton and Talbot
7.47. J. H. Chambers.
"Yeomen of England" German
"Here be Oysters Stewed in Honey"
Fred Morton
"Chin, Chin, Chinaman" ("The Geisha")
S. Jones
7.59. Orchestra.
Selection, "The Geisha" *Sidney Jones*
8.11. Ethel Davison.
"Farewell" ("The Maid of the Mountains")
Fraser-Simson
"Love, Sometimes I Dream of It"
C. H. Clutsam
"The Pipes of Pan" ("The Arcadians")
Monckton
8.23. Orchestra.
Three Dances, "Tom Jones" German
8.33. J. H. Chambers.
"A Bachelor Gay" ("The Maid of the Mountains")
Fraser-Simson
"Star of My Soul" ("The Geisha")
S. Jones
"The Cobbler's Song" ("Chu Chin Chow")
Fred Norton (31)
8.45. Orchestra.
Selection, "San Toy" *Sidney Jones*
8.57. Ethel Davison.
"The Letter Song" ("Merrie England")
"Bohemis" ("A Happy Day") German
"Waltz Song" ("Tom Jones")
9.9. Orchestra.
Selection, "The Gipsy Princess" .. *Kalman*
Selection, "The Quaker Girl" .. *Monckton*
9.30.—WEATHER FORECAST and NEWS.
S.B. from London.
Topical Talk.
Local News.
10.0.—THE SAVOY BANDS. *S.B. from London.*
11.0.—Close down.

TUESDAY.

3.30-5.0.—Concert: A Singer, and the Station Orchestra.
5.30-6.15.—CHILDREN'S CORNER.
7.0.—WEATHER FORECAST and NEWS.
S.B. from London.
JOHN STRACHEY. *S.B. from London.*
Local News.

Irish Night.

THE BELFAST RADIO PLAYERS
in "Double-Sided Records"
by Richard Hayward.
R. L. O'MEALY (Irish Piper).
THE STATION ORCHESTRA.

We contemplate having a series of "Double-sided Records," and invite the opinions and suggestions of Listeners.

7.30. Orchestra.
"March of the Royal Rifles"
arr. Featherstone
Overture, "Shamus O'Brien" *Stanford (1)*

7.45. FRED. C. HUGHES (Tenor).
"The Terrible Robber"
Men (Songs of Connacht)
"The Moon Cradle" *H. Hughes (1)*
"The Good Men of Erin"
"The Dark-Haired Girl" (Country Songs Vol 2.)
H. Hughes (1)
7.59. R. L. O'Mealy.
9/8 Time Irish Jig, "Judy Callaghan."
Single Jig, "The Fair of Liscarrol."
"A Fairy-Mother's Lullaby."
March, "Farewell, Inverness."
"O'Mealy's Reel."
"The Fisher's Hornpipe."
8.7. Radio Players.
(1) "In the Tram."
(2) "Seeing Them Off."
8.27. Orchestra.
Selection, "The Lily of Killarney"
Benedict
8.39. Fred C. Hughes.
"Oft in the Stilly Night" (Historical Songs of Ireland)
"The Meeting of the Waters" *H. Hughes (1)*
"I Saw From the Beach"
8.51. R. L. O'Mealy.
"The Chorus Jig."
Hornpipe, "The Rights of Man."
Irish Song Tune, "The Lonely Mourne Shore."
6/8 Time Jig, "The Widow's Bonnet."
Hornpipe, "The Dublin Stage Breakdown."
Reel, "The Dublin Lassies."
9.0. Orchestra.
Selection, "The Emerald Isle"
Sullivan and German
Irish Patrol *Puerner*
9.30.—WEATHER FORECAST and NEWS.
S.B. from London.
Sir WILLIAM BRAGG. *S.B. from London.*
Local News.
10.0.—Close down.

WEDNESDAY.

4.0-5.0.—The "2BE" Trio.
5.30-6.15.—CHILDREN'S CORNER.
7.0.—WEATHER FORECAST and NEWS.
S.B. from London.
Mr. HARTLEY WITHERS. *S.B. from London.*
Local News.

Russian Music.

TOM SHERLOCK (Baritone).
THE AUGMENTED STATION ORCHESTRA:

Conducted by E. GODFREY-BROWN.

7.30. Orchestra.
March from "Prince Igor" *Borodin*
Overture, "Prince Igor" *Borodin*
Symphonic Poem, "In the Steppes of Central Asia" *Borodin*
8.5. Tom Sherlock.
"The Sleeping Princess" *Borodin*
"The Nerid" *Glarimoff*
"Night" *Rimsky-Korsakoff*
8.17. Orchestra.
Capriccio Espagnol, Op. 34 *Rimsky-Korsakoff*
(1) Alborado; (2) Variazione; (3) Alborado; (4) Scene e Canto Gitano; (5) Fandango Asturiano.
8.35. Tom Sherlock.
"Monologue of Boris" ("Boris Goudonov")
Moussorgsky
"Field Marshal Death" *Moussorgsky*
8.47. Orchestra.
Suite, "Les Ruses d'Amour," Op. 61
Glazounov
Introduction, Variation, Sarabanda, La Fricasse.
Symphonic Suite, "Antar"
Rimsky-Korsakoff
Movement No. 3.—"The Enjoyment of Power."
"Meditation" *Glazounov*
March Slave, Op. 31 *Tchaikovsky*

9.30.—WEATHER FORECAST and NEWS.
S.B. from London.
Royal Horticultural Society Talk. *S.B. from London.*
Mr. DOUGLAS KENNEDY. *S.B. from London.*
Local News.
10.5.—THE SAVOY BANDS. *S.B. from London.*
11.0.—Close down.

THURSDAY.

4.0-5.0.—Orchestral Programme of Children's Music: Mary Hope Kirkpatrick (Open Scholarship Winner Methodist College, Belfast) (Pianist). Dr. G. H. FitzSimons, Mus. Doc., T.C.D., Speaker.
5.30-6.15.—CHILDREN'S CORNER.
7.0.—WEATHER FORECAST and NEWS.
S.B. from London.
Radio Society Talk. *S.B. from London.*
FRENCH TALK. *S.B. from London.*
Local News.

Elgar and Other Music.

GERTRUDE JOHNSON (Soprano).
ALAN MURRAY (Solo Violin).
THE STATION ORCHESTRA.
7.35. Orchestra.
"The Empire March" (1924) *Elgar (5)*
"Angel's Farewell" (Finale from "The Dream of Gerontius") *Elgar (11)*
7.50. Gertrude Johnson.
"Two Sea Pictures" *Elgar*
"To the Children" *Elgar*
8.2. Orchestra.
Intermezzo, "Dorabella" (from Enigma Variations) *Elgar (11)*
8.15. Alan Murray.
"Cherry Ripe" *Cyril Scott*
"Bella Porta di Rubini" *Respighi*
8.28. Gertrude Johnson.
"Immortality"
"Lullaby" } *Cyril Scott*
"Blackbird Song"
8.40. Orchestra.
"Chanson de Matin"
"Chanson de Nuit" } *Elgar (11)*
8.52. Alan Murray.
Tempo di Minuetto *Pugnani-Kreiser*
Gavotte *Rameau*
9.4. Orchestra.
Larghetto from Serenade for Strings, Op. 20
Elgar
Three Bavarian Dances *Elgar (15)*
"Pomp and Circumstance," No. 2 in A Minor *Elgar (1)*
9.30.—WEATHER FORECAST and NEWS.
S.B. from London.
Mr. A. R. BURBOWS. *S.B. from London.*
Local News.
10.0.—Close down.

FRIDAY.

4.0-5.0.—The "2BE" Quartet.
5.30-6.15.—CHILDREN'S CORNER.
7.0.—WEATHER FORECAST and NEWS.
S.B. from London.
PERCY SCHOLES. *S.B. from London.*
Local News.

"A Windy Night."

JAMES NEWEL (Baritone).
HAROLD HOLT (Cor Anglais).
E. J. HARRIS (Clarinet).
W. S. BATES (Bassoon).
J. W. HOWE (French Horn).
THE STATION ORCHESTRA.
7.30. Orchestra.
March, "The Silver Trumpets" *Viviani*
Rondino in E Flat for French Horns, Oboes, Clarinets and Bassoons *Beethoven*
8.0.—Prof. C. G. BARKLA. *S.B. from Edinburgh.*
8.15. W. S. Bates.
"Capriccio" *Weissenborn*
8.23. James Newel.
"When the King Goes Forth to War"
Koeneman
"Minnelied" *Brahms*
"To Phyllida" *Riego*
(Continued on page 407).

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 491.

My Ordeal at the Microphone.

How it Feels to Broadcast.



Lady CYNTHIA ASQUITH.

fraction of a natural rule.

How little capacity we have for anticipating our own feelings! Owing to self-ignorance, we perpetually sentence ourselves to unnecessary sufferings. Blithely we place ourselves in the most painful positions.

"Would you like to broadcast?"

"Yes, why not? What a good idea!"

The hour is fixed. The day comes. Up you get without any sense of impending doom. It is not until you are walking down Savoy Hill that you are seized with trepidation. That dreadful sinking feeling familiar to those who wait in examination halls and consulting-rooms, now assails you.

Condemned to Shyness.

Why on earth are you thus thrusting yourself on the public? What are your qualifications? Why gratuitously expose yourself to ridicule? Are life's unavoidable embarrassments insufficient that you should sign your own sentence, condemning yourself to shyness? But there is no way out now. You are billed as an item in the afternoon's programme. The ordeal must be faced.

Squinting into a minute hand-mirror, nervously you straighten your hat and stroke your hair. With a pang you remember that titivation is of no avail. Your appearance is of no consequence. It would make no difference though you had mumps or a beard, or were dressed in the clothes of yester year. For you, the human being—that intricate piece of work—has been reduced to only one of his five senses. Man has become one vast organ of hearing. You visualize a huge, hostile ear pricked to listen to your own inadequate voice.

Like a Shorn Lamb.

By the way, how is your voice? "Hullo! Hullo! Hullo!" you say to yourself as a test. Husky? Yes, decidedly your voice is husky. As you step into the lift, you insert a lozenge too hastily. Down it slips and you choke. Choking makes you realize that your throat is definitely sore. Of course, it would be sore to-day. Just your luck.

You are most kindly received. You feel like a shorn lamb to whom the winds are tempered. Instructions are whispered to you as you flop into a chair in the torture chamber—a lovely "vast hall" like a ballroom before the guests are met. In five minutes—300 seconds—so soon as that self-possessed woman has discharged her ammunition of three songs—you are to place yourself just behind that modest apparatus of mystery and begin.

No Anæsthetic!

You become quite dazed with nervousness. What is about to happen to you? Is it an operation you are going to have? No such luck! No anæsthetic for you! Where's your book? Left in the waiting-room! You tip-toe away for it and fumbling, find your place. Oh, why are you going to read something written by yourself? It makes it so much worse.

By Lady Cynthia Asquith.

What a dreadful double shyness! Your own voice reading your own composition! Far easier to make the best of somebody else's words.

The natural tendency is to read your own words hastily, furtively, hoping they will be inaudible, slurring over the more ambitious phrases as though they were "not quite nice." To read your own writing with apparent appreciation, to stress your own points would surely seem fatuous. Yet to give sentences a fair chance, the reader must read as though he considered them good. No note of apology must creep into his voice. I felt like a sensitive waiter, proffering a dish he knows to be badly cooked.

Horrible Possibilities!

Now it was time. I was for it. Was my very breathing already audible in a thousand homes? Horrible possibilities surged in my imagination. Supposing I were to sneeze, hicough, or giggle! Perhaps I should read far too quickly, and finish in five minutes, leaving a gap in the afternoon's entertainment? Or would I take too long and throw out the whole schedule of time? I heard my name announced. I would have clenched my teeth. But how clench the teeth through which the voice must issue loud and clear? Loud? No, they told you not to speak loud. "In quite your normal voice, please."

What is your normal voice? You have no idea. You feel inclined either to whisper or shout. You try and visualize your audience. You can't. Aye, there's the rub. You are, as it were, shooting into the dark. There is no one to stimulate you: nothing to rise to.

Your Unfamiliar Voice.

Are millions now listening, listening for you? Maybe, but maybe also, there is no one. Best ignore your invisible audience and just read aloud to the kind man who announced your name. Yes, just imagine yourself reading for his benefit. Think of him as a grateful invalid, whose weak eyes forbid him to read to himself.

You give the order to your voice. Unfamiliar, far away sounds quaver on to the air. The book shakes in your hands. You are off. It is as though you were walking uphill. Your throat is dry and there never seems enough breath to reach the end of your sentence. But it's not so bad as you expected. Nothing ever is. You have no pentecostal experience. You don't read especially well. You neither distinguish nor disgrace yourself. You just get through and, thank goodness, you have used up the right amount of time. Exactly ten minutes have passed. You are out of the trap. "Thank you, good-bye."

Broadcasting and the Artist.

Feeling very conspicuous, you emerge into the streets. They seem very full, unusually so. Quite a lot of people haven't been listening this afternoon then! None of those crowded on the tops of the 'buses would have had time to climb into their seats.

Were any of your friends listening and, if so, what did they think?

Such are the sensations of a lay woman who "operates."

What a strange experience broadcasting must be to any artist accustomed to the quick response of a crowded theatre! As she sings into silence, how mournfully must she miss the stimulating currents of appreciation, the evident attention, the loud applause! How can her enormous, invisible audience attempt to make this loss up to her? Delayed testimony is better than none. So please write the next day and tell her how greatly you enjoyed her performance.

All Radio's Fault!

By Robert Magill.

PERHAPS, like me, you fondly believe wireless is a wonderful invention that brings all the latest news, the best music, and the most prominent men of the day to your own fireside; but there are those who know better. Practically everything that happens, which you don't understand, seems to be due to wireless, from warts to politics and smoky chimneys.

Indirectly, of course, it certainly has caused many changes. Shingled hair, in my opinion, is not due to the emancipation of women. They cut it short so that it won't interfere with the headphones. Again, there is the traffic problem. Would everybody be rushing to get home by six o'clock if there were no crystal sets?

Settling the Traffic Problem.

And I know of at least one road that is up because of wireless. It's our road, and the borough surveyor lives next door to me. Every motor-car that hurtled by used to shake his cats-whisker off the crystal, so he's put a barrier at the top, and a red lamp, and listens in comfort while the traffic goes round another way.

But these, although obvious, are not all. As is the wont of doctors when business is dull, they are beginning to invent new diseases to fit in with the newest idea. Thus we can have Radio nerves, due to the excitation of the tissues by the galvanized music impinging on them as it is transmitted from the station.

This being so, it did not surprise me in the least when my butcher explained to me that his bill was so high because of "all this 'ere wireless about." My butcher is good at this kind of thing. Once it was the war, then the peace, then the strike, then the Government; but no matter. He says that he has to keep all his meat in an insulated cellar where the ohms can't get at it and lay eggs on it.

Not all Grumblers.

The milkman, determined not to be left out, explains that we shall never get any more cream on the milk until this new high-power station at Chelmsford is closed down. The builders are also wondering if they can account for the housing shortage by saying that the aerial music prevents the mortar sticking to the bricks.

But not everybody is grumbling. My watchmaker tells me gleefully that he knows wireless sends all the clocks wrong, and he's got so much work that he can't attend to mine for a month.

The plumber again is buying himself a new Rolls-Royce. He hopes to get enough work in future to pay for it, because people will use the kitchen tap for an earth and the music loosens all the washers. He reckons that another performance of "1812" will enable him to retire. The barber is smiling along with them, because he has heard that radio-activity grows hair more quickly.

Swallowed an S.O.S.

And you can use wireless as an excuse for anything. I went for a steamboat trip with a man last year, and on the way to the pier he told me that he had never been sick, even when the ship almost stood on end and wagged its tail, and the captain couldn't eat any dinner. When we landed two hours afterwards and I brought him round with some brandy, he explained that he wasn't really ill—or at least, it wasn't the motion of the boat. He'd probably swallowed an S.O.S. and it didn't agree with him.

I'm going to my dentist to-morrow, and I'll bet that he'll tell me it serves me right for installing a one-valve amplifier without reaction.

Linking Up Britain and America.

Past Results and Future Possibilities. By P. P. ECKERSLEY.

NOW that I am back from America, many people are asking whether my visit fore-shadows a recrudescence of activity in the re-broadcasts of short-wave stations transmitting from the other side.

Thanks to the courtesy and kindness of wireless companies and their engineers in America, I was able not only to see the now famous stations, but I was also given an opportunity of discussing future possibilities.

I shall not be offending American engineers if I say that we are not optimistic, nor do we expect immediately to be able to say to the British and American listeners that they shall be linked up satisfactorily in the very near future.

It may be that the difficulties will always deny us perfect linking; it may be that these elusive short waves will have to be abandoned and new methods explored.

Short Waves over Long Ranges.

Let me recapitulate what we know at present. It was in 1920, I think, that Captain Round, of the Marconi Company, first observed the two qualities of short waves (meaning waves of about 100 metres) that are so familiar to us to-day that they gave extraordinary ranges at night, and that they are apt to distort very badly. Although great publicity was given to right ranges obtained by amateurs in 1922-23, it is only fair to observe that these effects were well known to leading wireless engineers at that time.

The quality of short waves to persist and not to die out over long ranges is a valuable asset to wireless engineers; but the fact that something can often be heard may mislead us into thinking that all we want to hear will always be heard and that, with but a few experiments, the twisting of a knob here and there, the adjustment of this or that quality, we shall obtain perfection.

Tantalizing Results.

One hopes that this may be so, but we should be foolish to mislead interested persons into believing that this inevitably will be so. It may be that this elusive quality of short waves "peaking" is leading us along stony paths which may bring us to barren deserts. Short waves may be (I speak in all this of telephony signals) a red herring dragged across the path of progress.

We shall, however, be foolish not to explore to the utmost the possibilities of a method which has proved itself in the past to have been so tantalizingly near perfection, and if we can but find how to capture always the good, we shall indeed have achieved great things.

We are going to experiment as engineers experiment, not being satisfied with a half result, but aiming always towards the possibility of certain guarantees. At present, we know that at certain times of the year, at undefined periods of the night, in unknown electrical conditions of the atmosphere, we are able with the utmost ease to pick up "KDKA," rebroadcast intelligible signals, and give to the listening world the thrill of really hearing America.

We know, on the other hand, that at other times we may attempt to pick up this same station under apparently the same conditions and only succeed in broadcasting a succession of atmospherics, with a possible travesty of the original thrown in.

This is the reason we are to experiment, to find out what it is we can do to overcome this unreliable factor. But, indeed, I very much doubt if we shall be able to do anything in this respect.

A Programme of Experiments.

If at any time during the progress of the experiments we get such results as may justify our rebroadcasting the signals we pick up, and if we are lucky enough to make a good show, please do not think that very soon we shall be able to give you America when and where and how you like. That time is far off. A programme of experiments has, at any rate, been arranged, and we are to embark upon experiments.

The results may be interesting; but, as in all experiments, they may lead us no nearer to a solution.

I should like you to think that we are wireless enthusiasts, and when you have come to dine—towards the end of the evening when we have done our best to make your visit amusing with the ordinary programme—we may say to you: "Would you like to hear America? We may be able to give you something. Last night we had it wonderfully, but, of course, to-night, now that you are here, we shall probably hear nothing! However, let's try."

It was thrilling for me while I was in America

to visit the actual station "KDKA," which last Christmas we successfully rebroadcast and showed what might be done.

The actual transmitting station is situated high up among the hills of Pittsburg. The day I went there the country was looking lovely, sunshine and the wonderful autumn tints painting in the hills in beautiful browns and russets.

It gave me an idea of the magnitude of the problem to link up Britain, seven days' travel, nearly four thousand miles away.

Great Precautions.

The aerial is supported on a wooden telegraph pole about fifty feet high, and is built up of copper tube, the inductance half-way up the pole, the ammeter, too, canted downward so that a ground observer may read this current. Great precautions have been taken to obtain wave constancy, although the practice of using a master oscillator has been abandoned. All the valves in the main power systems are water cooled, standing at maximum, in control and oscillating system, about 30 kilowatts. The power in the aerial is normally 15 kilowatts, but it can be raised, I understand, to 30, no small feat at a wavelength of 60 metres.

The inductive effects of short waves were forcibly illustrated to me by an engineer drawing flaming arcs through metal rods held in the hand from hot-water radiators and metal hand-rails. I was made to grasp the hand-rail guarding the set, while the set was operating, and experienced the queer sensation of my forearm being raised to much higher than body temperature by the induced high-frequency currents.

Keeping in Touch.

It was altogether a most interesting experience and profitable not only in allowing me to fix up definite programmes and experiments, but also in giving me an actual knowledge of the working of this deservedly famous station.

At Schenectady, the General Electric are making big plans to erect telephone stations on powers of 50 kilowatts or so at any wavelength between 15 and 3,000 metres, and amateurs and others in this country should be able to spend some interesting hours listening to the transmissions from their old friend "WGY."

We, at any rate, are closely in touch with their engineers, and again we have fixed up an experimental programme which may, or may not, yield results, but which will give us an insight into the possibilities of linking up Britain with America.

The first trials of the new wireless station erected on the Pic du Midi, in the Pyrenees near Tarbec—said to be the highest station in the world—have been carried out in spite of the fact that the pylons, over 100ft. high, which were to have supported the aerial, could not be taken to the summit of the mountain. The station was opened with a temporary aerial.



He (enthusiastically): "Come quickly, Nell! I've just picked up America!"
"Have you really? Then you'd better drop America at once, and pick up China!"

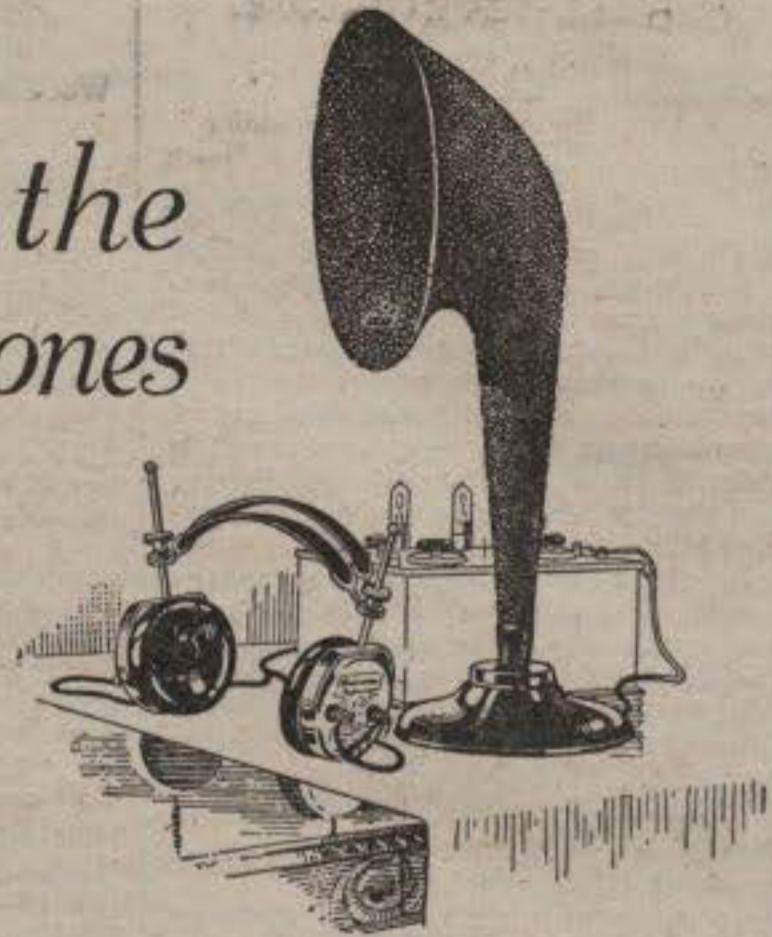
Tune the Table-Talker with the "Matched Tone" Headphones



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GRANDPA is a tremendous favourite with the rest of the Brandes family. You have only to discover the shrewd kindness which evaporates from his still youthful personality to understand why. He has a philosophical out-look on life and a ripe experience. Here he is in the armchair, settling down for the evening with his equally mature and experienced friends. The polished bowl of his old briar peeps from behind the tobacco jar, waiting to be filled and give him solace, and there is the amber coloured liquid in a decanter nearby. Then we come to the Brandes *Table-Talker* with the "Matched Tone" Headphones. Soon he will be listening to their rich volume of sound pulsating and alive with vigorous cadence. A lively circle of acquaintances, all of whom have profited by experience.

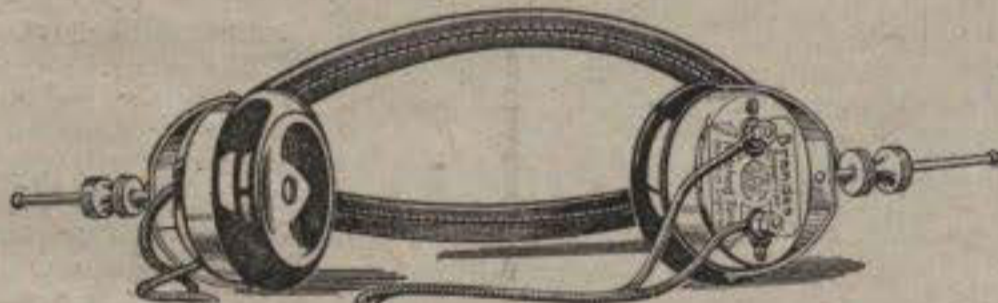
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All Brandes products carry our official money-back guarantee, enabling you to return them within 10 days if dissatisfied. This practically constitutes a free trial.

The *Table-Talker* is a Brandes quality product at a moderate price. The non-resonant, specially constructed horn is matched to the unit so that the air resistance produced will exactly balance the mechanical power of the diaphragm. This means beautiful sound-balance and remarkable tone qualities. It is twenty-one inches high, has a self-adjusting diaphragm and is **42/-** finished a shade of neutral brown.

The "Matched Tone" feature means that both your ears hear exactly the same sound at the same instant—and you learn a new beauty of tone. They are tested and re-tested for just this one vital point, and in addition their strength, long-wearing comfort and reliable efficiency make **25/-** them undoubtedly superior.



British Manufactured (B.B.C. Stamped).

25/- 42/-

Brandes

The name
to know in Radio

Result of
16 Years
Experience

Belfast Programme.

(Continued from page 403.)

- 8.35. Harold Holt. "Evening Impression in the Mountains" Muller
8.45. Orchestra. "Aux Etoiles" Duparc
8.53. E. J. Harris. "Miranda" Howgill
9.3. James Newel. "Ireland" Stanford
" A Smuggler's Song " Mullinar
" Off to Philadelphia " Haynes (1)
9.15. J. W. Howe. "Spring's Awakening" Bach
9.23. Orchestra. "The Whistler and His Dog" Pryor
9.30. WEATHER FORECAST and NEWS. S.B. from London.
Mr. J. A. P. EDGCUMBE. S.B. from London.
Local News.
10.0.—Close down.

SATURDAY.

- 3.30-5.0.—Concert: A Singer and the Station Orchestra.
5.30-6.15.—CHILDREN'S CORNER.
7.0.—WEATHER FORECAST and NEWS. S.B. from London.
Mrs. ROONEY of Belfast.
Local News.
7.30. Band Night.
BAND OF THE 1ST BATT. THE LINCOLNSHIRE REGIMENT.
(By kind permission of Lt.-Col. F. G. Spring, C.M.G., D.S.O.)
Conductor, C. S. TROWT.
ST. ANNE'S MALE VOICE QUARTET.
Band.
March, "The Vanished Army" K. Alford
Overture, "Marinarella" Fucik
Excerpt, "In a Monastery Garden" Ketelbey (8)
Selection, "Madame Pompadour" Fall
Fox-trot, "Don't Bring Me Posies" Rose Quartet.
"Since First I Saw Your Face" Thomas Ford (11)
"To Daffodils" Roger Quilter (1)
"He that Hath a Pleasant Face" Hatton (11)
Band.
Suite, "Petite Suite de Concert" Coleridge-Taylor
Selection, "Lilac Time" Schubert-Clusam
Three Light Pieces Fletcher
Waltz, "What'll I Do?" Berlin (7)
THE FAMOUS "ALL BLACKS." S.B. from Cardiff.
Quartet.
"Far Away," a Londonderry Air arr. Joze (11)
"Kitty of Coleraine," Irish Air arr. C. H. Lloyd (11)
" Oh, Breathe Not His Name " Stanford (1)
" I Love My Love in the Morning," Irish Air arr. Olden (25)
Band.
" Hunting Scene " Bucalossi
March, "Sigurd Jorsalfar" Grieg
9.30.—WEATHER FORECAST and NEWS. S.B. from London.
Mr. P. M. CARRUTHERS. S.B. from London.
Local News.
Band.
One-step, "Scottish Medley" Somers
Regimental March, "The Lincolnshire Poacher."
" God Save the King."
10.0.—THE SAVOY BANDS. S.B. from London.
12.0.—Close down.

To ensure getting "THE RADIO TIMES" regularly, ask your Newsagent to deliver your copy every Friday.

Dundee Programme.

2DE 331 M.

Week Beginning Sunday, November 23rd.

SUNDAY, November 23rd.

- 3.0-5.30. } Programme S.B. from London.
8.0-10.35. }

MONDAY, November 24th.

- 3.30-4.30.—Kinnaird Hall Orchestra.
5.0-5.15.—WOMEN'S TOPICS.
5.15-6.0.—CHILDREN'S CORNER.
7.0-11.0.—Programme S.B. from London.

TUESDAY, November 25th.

- 5.15-6.0.—CHILDREN'S CORNER.
7.0-9.30.—Programme S.B. from Glasgow.
9.30-10.30.—Programme S.B. from London.

WEDNESDAY, November 26th.

- 3.30-4.30.—Kinnaird Hall Orchestra.
4.30-5.0.—Kinnaird Hall Organ.
5.0-5.15.—WOMEN'S TOPICS.
5.15-6.0.—CHILDREN'S CORNER.
7.0-11.0.—Programme S.B. from London.

THURSDAY, November 27th.

- 5.15-6.0.—CHILDREN'S CORNER.
7.0-10.30.—Programme S.B. from London.

FRIDAY, November 28th.

- 5.0-5.15.—WOMEN'S TOPICS.
5.15-6.0.—CHILDREN'S CORNER.
6.40-6.55.—Ministry of Agriculture Talk. S.B. from London.
7.0.—WEATHER FORECAST and NEWS. S.B. from London.
PERCY SCHOLES. S.B. from London.
Local News.

MARY J. DAWSON (Contralto).
A. B. DUNCAN (Baritone).
STRING ORCHESTRA:
Conducted by H. E. LOSEBY.

- 7.30. Orchestra.
March, "Ballesteros" Pablo Luna
7.35. Baritone Songs.
" Bow Bells " (" London Silhouettes ") Willeby (1)
(1) "The Sandwich Man"; (2) "The Fortune Hunter"; (3) "She's Got Such a Way With 'er."
7.45. Orchestra.
Slavonic Dances Dvorak
(1) In G Minor; (2) In F Major.
7.55. Contralto Songs.
Four Indian Love Lyrics Woodforde-Finden (1)
(1) "Kashmiri Song"; (2) "The Temple Bells"; (3) "Less than the Dust"; (4) "Till I Wake."
8.10. Orchestra.
Valse Lente, "Souvenir de Mona Lisa" Schebek
Fantasy on Italian Songs Langer
8.30. Baritone Songs.
Hungarian Melodies arr. Korbay
(1) "Shepherd, See Thy Horse's Foaming Mane"; (2) "Far and High the Cranes Give Cry"; (3) "Had a Horse."
8.40. Orchestra.
Serenade for Strings, "Pizzicato" H. E. Loseby
Entr'acte, "Premier Amour" Andre Benoit
" Valse Romantic " Lanner
9.0. Contralto Songs.
" Melisande in the Wood " Goetz
" Spring Sorrow " Ireland
9.10. Orchestra.
Excerpts from "The Bartered Bride" Smetana
Spanish Serenade R. Friml
9.30.—WEATHER FORECAST and NEWS. S.B. from London.
Mr. J. A. P. EDGCUMBE. S.B. from London.
Local News.
Orchestra.
Suite, "Algerian Nights" Louis Groghe
10.30.—Close down.

SATURDAY, November 29th.

- 3.30-4.30.—Kinnaird Hall Orchestra.
4.30-5.0.—Kinnaird Hall Organ.
5.15-6.0.—CHILDREN'S CORNER.
7.0-12.0.—Programme S.B. from London.

Edinburgh Programme.

2EH 328 M.

Week Beginning Sunday, November 23rd.

SUNDAY, November 23rd.

- 3.0-5.30.—Programme S.B. from London.
8.30-9.0.—The Rev. J. MARSHALL ROBERTSON: Religious Address.
The Choir of the High Church, Edinburgh.
9.0-10.35.—Programme S.B. from London.

MONDAY, Nov. 24th, THURSDAY, Nov. 27th, SATURDAY, Nov. 29th.

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

TUESDAY, November 25th.

- 3.0-4.0.—The Station Pianoforte Trio.
5.0-6.0.—CHILDREN'S CORNER.
7.0-9.55.—Programme S.B. from Glasgow.
10.0-10.30.—Programme S.B. from London.

WEDNESDAY, November 26th.

- 3.0-4.0.—The Station Pianoforte Trio.
5.0-6.0.—CHILDREN'S CORNER.
7.0-7.30.—Programme S.B. from London.
7.30.—D. MILLAR CRAIG. S.B. from Glasgow.
7.45-11.0.—Programme S.B. from London.

FRIDAY, November 28th.

- 3.0-4.0.—The Station Pianoforte Trio.
4.30-5.0.—Lecture Concert for Children, relayed from the Usher Hall.
5.0-6.0.—CHILDREN'S CORNER.
6.40-6.55.—Ministry of Agriculture Talk. S.B. from London.
7.0.—WEATHER FORECAST and NEWS. S.B. from London.
PERCY SCHOLES. S.B. from London.
Local News.

Mixed Programme.

- GWEN JACKSON (Soprano).
JAMES MONTEITH (Tenor).
W. STORRIE (Entertainer).
DAISY BADGER (Accompanist).
7.30. Gwen Jackson.
Polonaise, "Je suis Titania" Thomas
" Doll's Song " Offenbach
James Monteith.
7.40. "Celeste Aida" Puccini
"Recondita Armonia" ("Tosca") Puccini
W. Storrie.
In Selections from his Repertoire.
8.0.—Prof. C. G. BARKLA, F.R.S., D.Sc., Nobel Laureate, on "The Frontiers of Physical Science" (6). S.B. to Belfast.
8.20. Gwen Jackson.
Selected.
8.30. Sketch.
" WAITING FOR THE 'BUS.' " (Gertrude Jennings.)
The Policeman ARTHUR NELSON
Elderly Gentleman ARTHUR NELSON
Lady in White
JANE BAYLEY-JONES
A Flapper MAYMIE IRVING
First Woman Shopper NANCY SHAW
Second Woman Shopper
IVEIGH MORE-NISBETT
Mother.... JANE BAYLEY-JONES
First Child.... MAYMIE IRVING
Second Child.... NANCY SHAW
First Girl IVEIGH MORE-NISBETT
Second Girl JANE BAYLEY-JONES
Solemn Woman
IVEIGH MORE-NISBETT
A Crowd ALL
9.0. W. Storrie.
In Selections from his Repertoire.
9.15. James Monteith.
Selected.
9.30.—WEATHER FORECAST and NEWS. S.B. from London.
Mr. J. A. P. EDGCUMBE. S.B. from London.
Local News.
Gwen Jackson.
Prelude Landon Ronald (5)
" Cherry Ripe " Horn
" Where the Bee Sucks." Arne
10.10. James Monteith.
Selected.
10.20. W. Storrie.
In Selections from his Repertoire.
10.30.—Close down.

"EVERYONE'S MENTAL TOOL-BOX."

Jerome K. Jerome Tells Readers How To Make The Best Use of Their Brains.

ONE of the most gratifying features of the day is the increasing popularity of Pelmanism. Well-known men and women advocate and advise it. Thousands of readers are practising it. All over the country people of every type and occupation are increasing their efficiency and consequently their earning-power by this means, and are training their minds and developing their intellectual and business powers with the aid of the wonderful "Little Grey Books" issued by the Pelman Institute.

How To Use Your Mental Faculties.

This excellent sign of the times promises well for the future, for, as that accomplished writer Jerome K. Jerome points out, Pelmanism should be the basis of all education.

"Every youngster," he writes, "comes into this world provided with a fine box of tools necessary for his life's work. It is neatly packed, and nothing is missing. He carries it in his brain. It contains CONCENTRATION, OBSERVATION, IMAGINATION (the mother of enterprise), ORGANISATION—quite a number of useful tools, mostly ending in 't.o.a.' And, above all, MEMORY.

"Properly employed, they will enable him to accomplish any task to which Fate may call him. *But nobody shows him how to use them.*

Making Full Use of the Brain.

"'Oh, that's all right,' we say, 'he'll find out in time.' So he does, with luck, towards the end of middle life, after years of bungling and despair. But by a little help in the beginning, *by the help of Pelmanism*, by showing him

- how to employ and become deft in the use of his brain;
- how to observe truly and perceive rapidly;
- how to concentrate his attention and arrange his ideas;
- how to think and how to reason;
- above all, how to remember.

he might have been a useful member of society from the beginning.

"As it is, he has to trust to hearing about Pelmanism. I am more than willing to help in making it known to him. He ought to have been taught it when he was young. **The sooner he takes it up the better for him and the country.** It won't turn him into a genius. It won't put more brain into him than the Lord gave him. But—

"it will enable him to make full use of the brain he has been given.

"Most of us at present are wasting it."

Remarkable Reports.

Reports received daily from readers who have taken up Pelmanism prove the soundness of Jerome K. Jerome's advice. Here are a few extracts taken at random

from letters received by the Pelman Institute describing the benefits received as a result of practising this wonderful system.

A Merchant states that Pelmanism has enabled him to rise from an employee to employer.

A Head-Mistress writes that it has increased her Self-Confidence, strengthened her Memory and gained for her a promotion to a headship.

A Clergyman states that his preaching has improved.



JEROME K. JEROME.

the distinguished author, who recommends Pelmanism to everyone who wishes to make the fullest use of his or her brain.

A Journalist reports a "substantial increase of salary" and a vast improvement in Concentration, Memory and Mental Alertness.

A Clerk states that he has been promoted three times.

An Artist writes: "The results are wonderful. What I have gained could never be called costly even had I paid £50."

A Woodworker reports an increase of 50% in wages.

A Shop Assistant reports a great improvement in Observation, Memory, Concentration and "all-round efficiency."

An Assistant Cashier states that he has secured a better position.

A Manager reports an increase of 200% in salary.

Thousands of similar cases could be mentioned. More will be found in the copy of "The Efficient Mind," which will be sent you, gratis and post free, on writing for it to-day.

This book contains articles by some of the most celebrated people of the day, and shows you how you can enrol for a Course of Pelmanism on the most convenient terms. It will be posted free to any address on application to the Pelman Institute, 95, Pelman House, Bloomsbury Street, London, W.C.1.

"I HAVE NOT FAILED ONCE."

Company Secretary's Tribute to Pelmanism.

An interesting letter has been received from a Company Secretary who, as a result of applying Pelman principles, has passed no fewer than eight Commercial Examinations, and has not failed on a single occasion. He writes:—

"I am an old Pelman student, having taken the 'Mind and Memory' Course in 1919-20, and being one of those courses of study, the results of which are manifested at later as well as earlier dates, I take it you do not mind a testimony after nearly four years.

"My primary reason for taking the Course was that in 1919, whilst with the Army of Occupation in Germany, I desired to give my mind a little more exercise than that imparted by clerical work following the line of dull routine. I got my desire in full plus other benefits:—

- 1st. An increased power of concentration.
- 2nd. Confidence in my abilities.
- 3rd. The need for an aim in life definitely fixed in my mind.

"Thus fortified I turned my attention in 1920 to Commercial Examinations, and am pleased to say I have not failed in one I have taken during the time I have been studying.

Eight Examinations Passed.

"The Examinations I have passed (he writes) are:—

- Chamber of Commerce Advanced Book-keeping and Accounts (Distinction).
- Royal Society of Arts Advanced Book-keeping.
- Royal Society of Arts Accounting.
- Royal Society of Arts Economic Theory.
- Royal Society of Arts Commercial Law.
- Royal Society of Arts Company Law.
- Chartered Institute of Secretaries Intermediate.
- Chartered Institute of Secretaries Final.

"In addition to passing the Exam. in Company Law, I have won the Society's Silver Medal for that subject.

"In working for these Exams, I have applied Pelman methods strengthened by a 'Pelman acquired' power of concentration and desire to reach my definite aim (also a Pelman acquirement), i.e., to become a qualified Company Secretary.

"Candidly, the results would not have been obtained had I not organised my mind under your tuition and taken advantage of the benefits accruing therefrom.

"I have written rather a long letter, but even now it does not give to the fullest degree the measure of gratitude I should like to express."

"The Efficient Mind."

The New Pelmanism is fully explained in "The Efficient Mind," the fourth edition of which is now ready.

A free copy of this book will be sent to everyone who posts the coupon printed below to the Pelman Institute, 95 Pelman House, Bloomsbury Street, London, W.C.1.

POST THIS FREE COUPON TO-DAY.

To THE PELMAN INSTITUTE,
95, Pelman House,
Bloomsbury Street,
London, W.C.1.

SIR,—Please send me, gratis and post free, a copy of "THE EFFICIENT MIND," with full particulars of the New Pelman Course.

Name

Address

If Coupon is sent in an OPEN envelope it only needs 1d. stamp. All correspondence is confidential.

Hull Programme.

6KH 335 M.

Week Beginning Sunday, November 23rd.

SUNDAY, November 23rd.

3.0-5.30. } Programmes S.B. from London.
8.0-10.35. }

TUESDAY, Nov. 25th, THURSDAY, Nov. 27th,

SATURDAY, Nov. 29th.

3.0-3.30. } Claude Duval's Dance Orchestra,
4.0-4.30. } relayed from the City Hotel.
3.30-4.0.—WOMEN'S HALF-HOUR.
5.15-6.15.—CHILDREN'S CORNER.
7.0 onwards.—Programme S.B. from London.

MONDAY, Nov. 24th, WEDNESDAY, Nov. 26th.

3.0-3.30. } Robert A. Jackson and his Orchestra,
4.0-4.30. } relayed from the Majestic Picture House.
3.30-4.0.—WOMEN'S HALF-HOUR.
5.15-6.15.—CHILDREN'S CORNER.
6.45-6.55.—Boy Scouts' Talk. Nov. 26th.
7.0-11.0.—Programme S.B. from London.

FRIDAY, November 28th.

3.0-3.30. } Robert A. Jackson and his Orchestra,
4.0-4.30. }
3.30-4.0.—WOMEN'S HALF-HOUR.
5.15-6.15.—CHILDREN'S CORNER.
6.40-6.55.—Ministry of Agriculture Talk. S.B. from London.

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

PERCY SCHOLES. S.B. from London. Local News.

ARTHUR JOHNSON (Solo Violin).
FAWCETT EVANS (Entertainer).

THE CHROMATIQUES MIXED VOICE QUARTET:

MAUD OGLESBY (Soprano);
DORIS SLEIGHT (Contralto);
JAMES BRAIN (Tenor);
ROBERT HURST (Baritone).

7.30. The Chromatiques.
"The Torpedo and The Whale" ... Audran Soprano Song.

"Starry Woods" M. Phillips Tenor and Baritone Duet.

"The Merry Vagabonds" Gordon (3) Contralto Song.

"The Lament of Isis" Granville Bantock Soprano and Contralto Duet.

"Night of Stars and Night of Love" ("The Tales of Hoffmann")... Offenbach Baritone Songs.

"A Banjo Song" Sidney Homer

"Trade Winds" Fredk. Keel (1) The Chromatiques.

"Ye Banks and Braes" McNaught (11) Violin Solos.

8.0. Selected.

8.10. Fawcett Evans.

8.20. The Chromatiques.
"O Can Ye Sew Cushions?" (Scottish Trad.) arr. Bantock (11) Contralto Songs.

"Like to the Damask Rose" Elgar

"Ferry Ahoy" Brewer (1) Soprano and Baritone Duets.

"The Singing Lesson" ... John Barnett (15)

"Stars of a Summer Night" Ernest Newton Baritone Song.

"At Santa Barbara" ... Kennedy Russell Soprano Song.

"Villanelle" Del'Acqua The Chromatiques.

"The Goslings" Bridge (11) Violin Solos.

8.50. Selected.

9.0. The Chromatiques. Solo and Duet.

"Drink To Me Only" Button (11)

9.10. Fawcett Evans.

9.20. The Chromatiques. Solo and Duet.

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

Mr. J. A. P. EDGCUMBE. S.B. from London. Local News.

10.0. Violin Solos. Selected.

10.10. The Chromatiques. Solos, Duet, and Quartet.

10.30.—Close down.

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Quality for quality the Amplion excels all other Loud Speakers—and the prices are the lowest ever offered to the Radio Public. Each model incorporates exclusive Amplion features, including the new super unit, with floating diaphragm and non-resonating Sound Conduit, a combination affording the most wonderful Clarity and Tonal Purity.

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LONDON, S.E. 4.

Telephone: Sydenham 2820-1-2. Telegrams: "Navalhadia, Catgreen, Lond. E.C."





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They are chiefly responsible for the quality of reproduction. Badly exhausted valves, otherwise "soft" valves, are short-lived and give poor results. "Soft" valves cost less to make than "hard" valves, but they are expensive and unsatisfactory in use. B.T.H. Radio Valves are exhausted by a special patented B.T.H. process, which produces an exceedingly high vacuum.

FIT B.T.H. VALVES & MAKE YOUR SET A GOOD SET

From all Electricians and Radio Dealers

B.T.H. RADIO VALVES

Advertisement of The British Thomson-Houston Co Ltd

GENERAL PURPOSE VALVES

Type R . . . 11s. each

Filament Voltage 4 volts
 Filament Current 0.7 amp
 Maximum plate voltage 100 volts
 Plate resistance 37,000 ohms

Type B3 . . . 21s. each

Filament Voltage 1.5 volts
 Filament Current 0.35 amp
 Maximum plate voltage 80 volts
 Plate resistance 37,000 ohms

*Type B5 . . . 25s. each

Filament Voltage 2.5-3 volts
 Filament Current 0.56 amp (at 3 v)
 Maximum plate voltage 80 volts
 Plate resistance 17,500 ohms

POWER AMPLIFYING VALVES

Type B4 . . . 33s. each

Filament Voltage 5-6 volts
 Filament Current 0.25 amp (at 6 v)
 Maximum plate voltage 120 volts
 Plate resistance 6,000 ohms

*Type B6 . . . 35s. each

Filament Voltage 3 volts
 Filament Current 0.12 amp
 Maximum plate voltage 120 volts
 Plate resistance 9,000 ohms

*Type B7 . . . 37s. 6d. each

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 Filament Current 0.06 amp
 Maximum plate voltage 120 volts
 Plate resistance 9,000 ohms

* For use with Dry Cells.



2174A

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The Ideal Loud Speaker for a small room
 Price **£2 10 0**

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A gramophone attachment having the same elements as the Form C1 Loud Speaker
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A beautifully finished instrument designed for general use in or out of doors
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FORM D
A super-sensitive electro-dynamic pattern suitable for large halls or outdoor use
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The British Thomson-Houston Co. Ltd.
 Works: Coventry Offices: Crown House, Aldwych, London, W.C.2

Use a "Tonger" and charge your batteries at home



Form C2



Form C3



Form D

Leeds—Bradford Programme.

2LS 346-310 M.

Week Beginning Sunday, November 23rd.

SUNDAY, November 23rd.

3.0-5.30.—Programme S.B. from London.
8.30.—The Rev. SAM ROWLEY, President, Free Church Council, Bradford: Religious Address.
9.0-10.35.—Programme S.B. from London.

MONDAY, Nov. 24th, SATURDAY, Nov. 29th.

2.45-3.45.—The Station Trio, under the Direction of Percy Frostick.
5.15-6.15.—CHILDREN'S CORNER.
6.40-6.55.—Lady Perrott, R.A.C. (Lady Superintendent-in-Chief of Nursing Corps and Divisions), a Lady of Justice of the Order of St. John of Jerusalem: "The Call of a Great Order." (Monday, Nov. 24th.)
7.0 onwards.—Programme S.B. from London.

TUESDAY, Nov. 25th, THURSDAY, Nov. 27th.

2.30-4.0.—Harold Gee and his Orchestra, relayed from the Theatre Royal Cinema, Bradford.
4.45-5.15.—WOMEN'S HALF-HOUR.
5.15-6.15.—CHILDREN'S CORNER.
6.40-6.55.—Major A. E. Beattie, M.I.A.E., M.Inst.T., Talk to Motorists. (Tuesday, Nov. 25th.)
7.0-10.30.—Programme S.B. from London.

WEDNESDAY, November 26th.

3.30-4.30.—Bensley Ghent's Orchestra, relayed from the Tower Picture House, Leeds.
5.15-6.15.—CHILDREN'S CORNER.
7.0-11.0.—Programme S.B. from London.

FRIDAY, November 28th.

3.30-4.30.—Bensley Ghent's Orchestra, relayed from the Tower Picture House, Leeds.
5.15-6.15.—CHILDREN'S CORNER.
6.40-6.55.—Ministry of Agriculture Talk. S.B. from London.
7.0.—WEATHER FORECAST and NEWS. S.B. from London.
PERCY SCHOLES. S.B. from London. Local News.

Local Programme.

HECKMONDWIKE CONCERTINA PRIZE BAND.

Bandmaster, S. MILNES.
PERCY SPETCH (Baritone).

7.30. The Band.
March, "Preciosa" Weber
Fantasia, "Sandringham" M. Rayner
7.45. Percy Spetch.
"The Land of 'Who Knows Where'"
"Comrades of Mine" W. G. James
"Bush Night Song"
"The Stock Rider's Song"
7.56. The Band.
Selection, "Il Trovatore" Verdi
8.5. Percy Spetch.
"My Captain" W. Wells Harrison
"The Huckster" Wm. Garnett
"Harlequin" Wilfrid Sanderson (1)
8.15. The Band.
Fantasia, "A Military Church Parade" J. Ord Hume

An Underground Broadcast Concert.

(By kind permission of Messrs. Henry Briggs, Son & Co., Ltd., Whitwood Collieries, Normanton.)

8.30.—Prof. JAMES RITON, B.Sc., will talk on "Coal Mining."

8.45. GEORGE R. LISTER will Broadcast his Experiences from the Pit Bottom 1,500 feet below ground.

THE WHITWOOD COLLIERIES SILVER PRIZE BAND:

Bandmaster, J. W. STAMP, bright Musical Selections from the Pit Bottom.

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

Mr. J. A. P. EDGCUMBE. S.B. from London. Local News.

10.0.—Close down.



Hello Everybody!

Here I am at the exhibition waiting to welcome you all. We've got here the finest and most representative wireless show you have yet seen. Everything from Super receiving sets with more valves than you'd care to contemplate, to little crystal sets costing a few shillings apiece. Loud speakers, headphones, components, valves, in fact everything that could possibly be required for broadcasting or experimental work; and you needn't go beyond the first stand in the show to find them. We're right at the entrance, you can't miss us; you wouldn't want to either, as you know perfectly well that from our new Super-One to our Super-Five we provide first class apparatus at really economical prices. In fact, just what I always say,

Quality apparatus at low cost.

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Super-2 Valve set, complete with H.T. Battery, Accumulator, 100 ft. 7/12 stranded copper aerial, 2 Insulators, 1 pair 4,000 Ohms Headphones..... £11 0 0
Plus Marconi Tax £1 5 0. Valves extra. 10/- each.
2-Valve Amplifier mounted in cabinet, uniform with the 2-Valve Set. £6 0 0
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Stands 1 & 22, British Wireless Exhibition, White City.

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ADVT. OF THE FELLOWS MAGNETO CO., LTD., PARK ROYAL, LONDON, N.W.11.

E.P.S.82.

"I FEEL I MUST WRITE TO TELL YOU HOW DELIGHTED I AM WITH YOUR 'BIJOUPHONE' SET.

"I HAVE NOT YET HEARD ONE TO BEAT IT, ALTHOUGH SOME OF THE SETS I HAVE HEARD HAVE COST SEVERAL POUNDS. IT IS JUST PERFECT AND I RECOMMEND IT WHEREVER I GO."

This is an extract from one of the numerous unsolicited testimonials we have. And it's true! We know and guarantee that the BIJOUPHONE gives results at least equal to the most expensive crystal set procurable.

EXCLUSIVE FEATURES.

VARIOMETER TUNING. ENCLOSED BEST QUALITY CRYSTAL AND POINT. MOULDED UNBREAKABLE TOP AND BASE. NICKELLED METAL PARTS.

Model 2.

For Chelmsford (5XX) and all B.B.C. Stations.

Tuning: 250/700 and 1600 metres. Range: 30/50 miles. (For Chelmsford 100 miles.)

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GUARANTEE

at least equal efficiency to new valves.

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IN YOUR OWN HOME

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Trade Enquiries Invited.

V.P.

25/-
post free.



Liverpool Programme.

6LV 315 M.

Week Beginning Sunday, November 23rd.

SUNDAY, November 23rd.

3.0-5.30.—Programme S.B. from London.
 8.30.—Hymn, "The God of Abraham Praise"
 (No. 17 in "Church Praise," the Pres-
 byterian Hymnal).
 Anthem, "By the Waters of Babylon"
Coleridge-Taylor
 Address by the Rev. J. S. MACDONALD,
 M.A.
 Hymn, "Father in High Heaven Dwelling"
 (No. 486, "Church Praise").
 9.0-10.35.—Programme S.B. from London.

**MONDAY, November 24th, WEDNESDAY,
 November 26th, and SATURDAY,
 November 29th.**

3.30-4.30.—Gaillard and his Orchestra, relayed
 from the Scala Super Cinema.
 5.30-6.15.—CHILDREN'S CORNER.
 7.0 onwards.—Programme S.B. from London.

TUESDAY, November 25th.

11.30-12.30.—Midday Concert.
 5.30-6.15.—CHILDREN'S CORNER.
 7.0-10.30.—Programme S.B. from London.

THURSDAY, November 27th.

3.30-4.30.—The Station Pianoforte Quartet.
 5.30-6.15.—CHILDREN'S CORNER.
 7.0-10.30.—Programme S.B. from London.
 10.30-10.40.—Station Director's Talk.

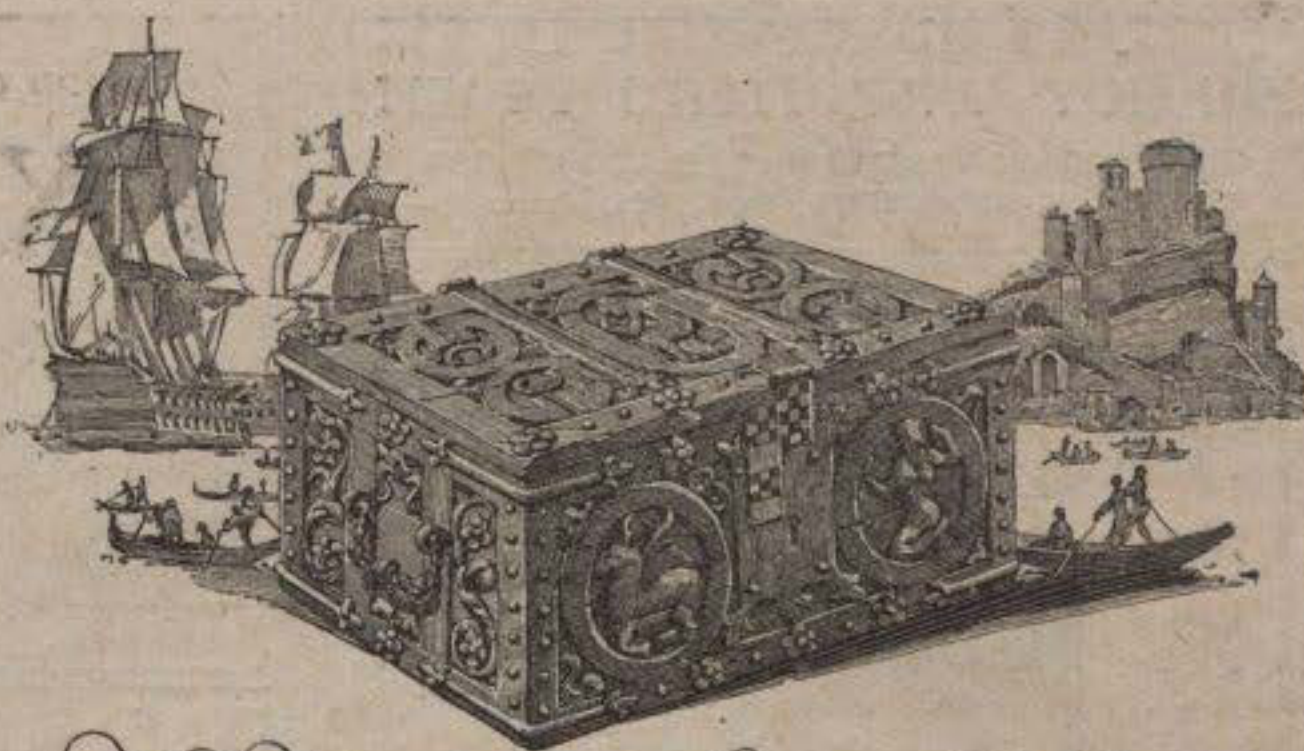
FRIDAY, November 28th.

4.0-5.0.—Gaillard and his Orchestra, relayed
 from the Scala Super Cinema.
 5.30-6.15.—CHILDREN'S CORNER.
 6.40-6.55.—Ministry of Agriculture Talk. *S.B.*
from London.
 7.0.—WEATHER FORECAST and NEWS.
S.B. from London.
 PERCY SCHOLES. *S.B. from London.*
 Local News.

An Evening of Short Plays.

Produced by WILLIAM MACREADY.
 Incidental Music by
 THE STATION TRIO.

7.30. "DELICATE GROUND."
 A Comedy in One Act by Charles Dance.
 Pauline Sangfroid
 EDNA GODFREY-TURNER
 Alphonse de Grandier...PARKER LYNCH
 Citizen Sangfroid WILLIAM MACREADY
 Scene: A Room in Sangfroid's house,
 Paris.
 8.45. "THE IRISH DOCTOR."
 A Farce in One Act by J. K. Wood.
 Mrs. Beresford (a Wealthy Widow)
 EDNA GODFREY-TURNER
 Nellie (Maid to Mrs. Beresford)
 EDNA LESTER
 "Dr." Michael O'Flanagan
 WILLIAM MACREADY
 Scene: Mrs. Beresford's House in
 London.
 9.30.—WEATHER FORECAST and NEWS.
S.B. from London.
 Mr. J. A. P. EDGCUMBE. *S.B. from*
London.
 Local News.
 10.0. "NUMBER THIRTEEN."
 A Farical Comedy in One Act by George
 Robinson.
 Mrs. Greene EDNA GODFREY-TURNER
 Smith EDNA LESTER
 Mr. Brown WILLIAM MACREADY
 Mr. Greene PARKER LYNCH
 Scene: A Room in Mr. Greene's House.
 10.30.—Close down.



The Treasure Chest of Music
 — and its Key

ASK any Cossor user what he appreci-
 ates most and—if he is a real music
 lover—he will probably emphasize the
 exceptional purity of its reception. Why
 should the Cossor design be responsible for
 a greater mellowness of tone and the uncanny
 absence of microphonic noises?

Out of mere curiosity we ask you to examine critically
 a Cossor Valve and any ordinary Valve with straight
 filament and tubular Anode. Look at the Grids. In
 the Cossor you'll see the Grid band electrically welded
 on to a stout support and the Grid itself wound to well-
 known hood shape—but each turn of the wire anchored
 in three distinct places. That is one reason for Cossor
 superiority—an absolutely rigid and immovable Grid.
 Now compare this with the Grid in the ordinary Valve
 and you will find a spiral of wire anchored once only to
 every turn (in some Valves the spiral Grid is only
 supported at each end). Obviously Cossor construction
 permits that perfect grid control which is essential for
 the pure reproduction of speech.

Finally a comparison of the filaments in the two Valves
 will show you, in the one, an arched filament and in
 the other a long, straight one. Due to the fact that all
 metals expand when heated, the ordinary valve either
 supports its filament between electrodes sprung apart or
 makes use of a coiled spring. In the Cossor the filament
 is arched—just like an old Roman Bridge—and it
 can support its own weight indefinitely under all
 conditions.

Obviously a spring-supported filament must be produc-
 tive of microphonic noises.

These two simple little explanations should make it
 quite clear why Cossor Valves give better Loud Speaker
 results.

Wuncell Valves.

Drop us a post card
 for an interesting large
 Folder giving full
 particulars of the new
 Wuncell Dull Emitter
 —a remarkable Cossor
 Valve now being placed
 on the market.

Manufactured in
 two types:

P.1. (For De-
 tector and L.F.
 use) 12/6
 P.2. (With Red
 Top.) For H.F.
 use 12/6



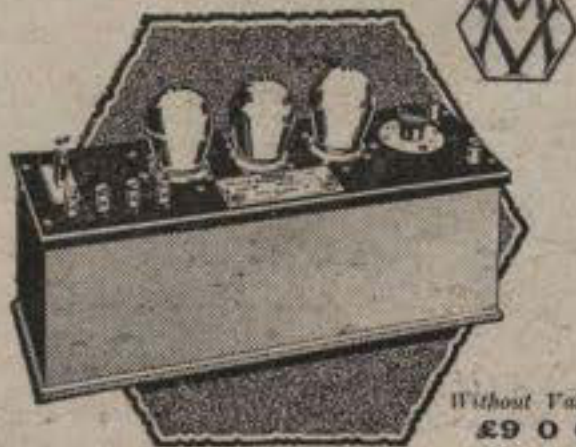
Cossor Valves

Advertisement of A. C. Cossor, Ltd., Highbury Grove, N.5.

Gilbert Ad, 1733.

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THREE stages of L.F. Amplification embodying resistance-coupling and giving far better and purer reproduction than is possible with amplifiers using iron-cored transformers. This amplifier is used in standard "Cosmos" Valve Sets V.S. 6 and V.S. 7.

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Oak. £23 15 0 with all accessories.

"COSMOS" UNIVERSAL TWO-VALVE CABINET SET.

A HANDSOME cabinet set in Oak embodying the two-valve Universal receiver unit. Provision is made in the design of these cabinets for adding when required, the three-valve note amplifier, shown above, thus converting the set into a five-valve set for receiving from British and Continental at Loud Speaker strength.

METRO-VICK SUPPLIES, LTD.

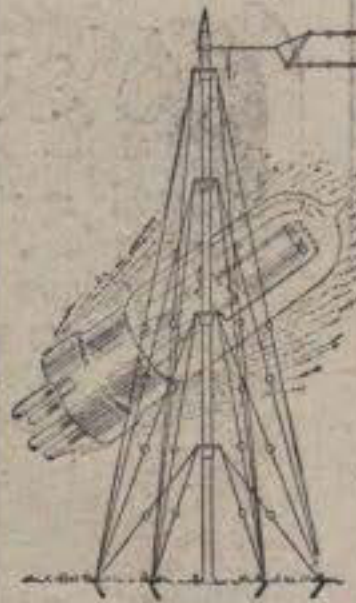
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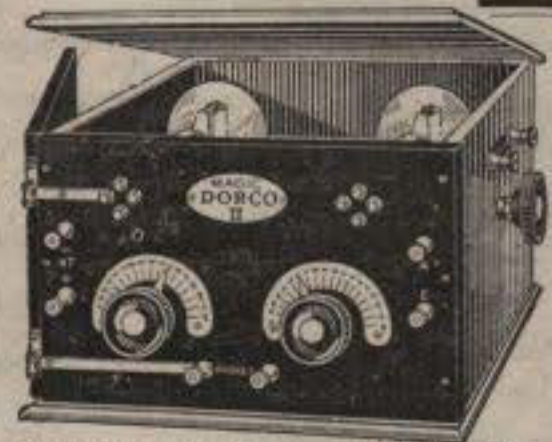
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Nottingham Programme.

5NG 322 M.

Week Beginning Sunday, November 23rd.

SUNDAY, November 23rd.

3.0-5.30. } Programmes S.B. from London.
8.0-10.35. }

MONDAY, November 24th, THURSDAY, November 27th, and SATURDAY, November 29th.

3.30-4.30.—The Scala Picture Theatre Orchestra. Musical Director: Andrew James.
5.15-6.0.—CHILDREN'S CORNER.
6.0-6.15.—"Teens' Corner."
7.0 onwards.—Programme S.B. from London.

TUESDAY, Nov. 25th, WEDNESDAY, Nov. 26th.

11.30-12.30.—Gramophone Records. Nov. 26th.
3.30-4.30.—Lyons' Café Orchestra. Conductor: Brassey Eyton.
5.15-6.0.—CHILDREN'S CORNER.
6.0-6.15.—"Teens' Corner."
7.0 onwards.—Programme S.B. from London.

FRIDAY, November 28th.

3.30-4.30.—Lyons' Café Orchestra. Conductor: Brassey Eyton.
5.15-6.0.—CHILDREN'S CORNER.
6.0-6.15.—"Teens' Corner."
6.40-6.55.—Ministry of Agriculture Talk. S.B. from London.
7.0.—WEATHER FORECAST and NEWS. S.B. from London.
PERCY SCHOLES. S.B. from London.
Local News.

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ARTHUR W. HAYES, O.B.E. (Recitations).

H. A. BROWN (Entertainer at the Piano).

- 7.30. The Choir.
"Excelsior" Balfé (25)
"God's Call Divine" Ashford
"Nearer, My God, to Thee" Adlam
"Home, Sweet Home" Bishop (25)
- 7.43. Entertainer at the Piano.
Patriotic Songs.....arr. H. A. Brown
"My Word, You Do Look Queer" Weston and Lee (7)
- 7.53. Baritone Songs.
"The Sands o' Dee" Frederic Clay
"Songs My Mother Taught Me" Dvorak
- 8.3. Recitation from Dickens.
"Nicholas and Wackford Squeers."
- 8.13. The Choir.
"A May Morning" Denza
"Call of Home" Paul Ambrose
"A Grecian Landscape" Cyril Jenkins (2)
"Night of Stars and Night of Love" Offenbach
- 8.25. Entertainer at the Piano.
- 8.35. Baritone Songs.
"Requiem" S. Homer
"Sea Fever" John Ireland
"Invictus" Bruno Huhn
"My Dream" Foster
- 8.45. Recitation from Dickens.
"Justice Starleigh in Bardell v. Pickwick."
- 8.55. The Choir.
"Gwalia's Harp" D. E. Lewis
"Land of My Fathers" arr. Wilfred Turner
"Annie Laurie" Scotch Melodies
"Ye Banks and Braes" (25)
- 9.10. Entertainer at the Piano.
- 9.20. Recitation.
- 9.30.—WEATHER FORECAST and NEWS. S.B. from London.
Mr. J. A. P. EDGCUMBE. S.B. from London. Local News.
- 10.0. Baritone Songs.
"Till Death" Angelo Mascheroni
"Wimmen are Wimmen" H. Lyell Phillips
- 10.10. The Choir.
Choral Selections.
- 10.22. Charles Keywood and the Choir.
"Land of Hope and Glory" Elgar (1)
- 10.30.—Close down.



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Plymouth Programme.

5PY - 335 M.

Week Beginning Sunday, November 23rd.

SUNDAY, November 23rd.

3.0-5.30. } Programme S.B. from London
8.0-10.35. }

MONDAY, November 24th, and SATURDAY, November 29th.

4.0-5.0.—Albert Fulbrooke and his Trio, relayed from the Royal Hotel.
5.30-6.30.—CHILDREN'S CORNER.
7.0 onwards.—Programme S.B. from London.

TUESDAY, November 25th, WEDNESDAY, November 26th, and THURSDAY, November 27th.

3.30-4.30.—Ernest Manning and his Orchestra, relayed from the New Palladium Cinema. Vocalist—Dorothy Lincoln (Soprano).
5.30-6.30.—CHILDREN'S CORNER.
7.0 onwards.—Programme S.B. from London.

FRIDAY, November 28th.

3.30-4.0.—Talk to Schools.
4.0-5.0.—Albert Fulbrooke and his Trio, relayed from the Royal Hotel.
5.30-6.30.—CHILDREN'S CORNER.
6.40-6.55.—Ministry of Agriculture Talk. S.B. from London.
7.0.—WEATHER FORECAST and NEWS. S.B. from London.
PERCY SCHOLLS. S.B. from London. Local News.

Grand Opera Night.

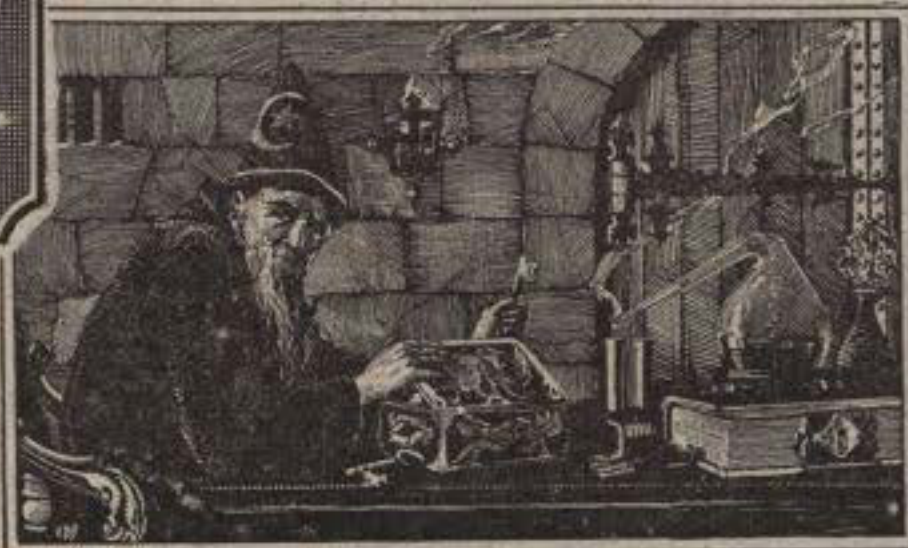
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AMY BATH (Soprano).
JOSEPH FARRINGTON (Bass).

- 7.30. The Band.
Overture, "William Tell" Rossini
- 7.45. Amy Bath.
"Regnava nel Silenzio" ("Lucia di Lammermoor") Donizetti
(With Orchestral Accompaniment.)
"Le Serenata" Toschi
- 8.0. The Band.
"Cavalleria Rusticana" Mascagni
- 8.20. Joseph Farrington.
"The King's Prayer" ("Lohengrin") Wagner
"The Calf of Gold" ("Faust") Gounod
"Mephisto's Serenade" ("Faust") Gounod
- 8.40. The Band.
Selection, "Faust" Gounod
- 9.0. Half-an-hour's Interlude.
Mr. H. VICTOR PRIGG, F.R.M.S., on "Meteorological Depressions."
FLORENCE HARDING and BLOYE KEYS (Entertainers).
In Items from their Repertoire.
- 9.30.—WEATHER FORECAST and NEWS. S.B. from London.
Mr. J. A. P. EDGCUMBE. S.B. from London. Local News.
- 10.0. Joseph Farrington.
"Garment Antique and Rusty" ("La Bohème") Puccini
"Sach's First Monologue" ("The Mastersingers") Wagner
Amy Bath.
"Fairy Lullaby" Quiller
"The Guardian Angel" Lehmann
"The Piper of Love" Carew
Joseph Farrington.
"Song of The Toreador" ("Carmen") Bizet
"Mid Banks of Roses" ("Faust") Berlioz
"Largo al Factotum" ("Il Barbiere") Rossini
(With Orchestral Accompaniment.)
The Band.
Incidental Music, "Henry VIII." Sullivan
- 10.30.—Close down.



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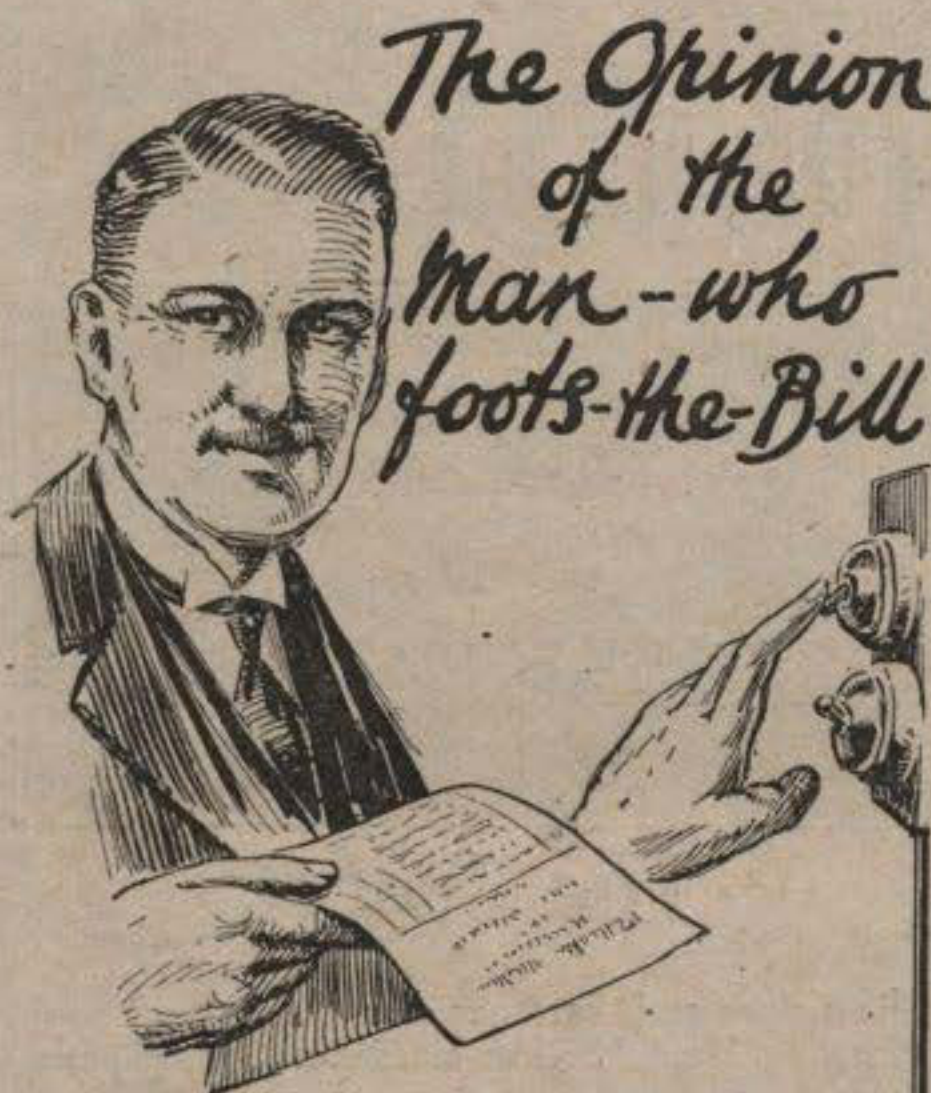
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Sheffield Programme.

6FL 301 M.

Week Beginning Sunday, November 23rd.

SUNDAY, November 23rd.

3.0-5.30.—Programme S.B. from London.
8.15-9.0.—Service relayed from St. Paul's Church. Sermon by the Ven. J. RUSSELL DARBYSHIRE, Archdeacon of Sheffield.
9.0-10.35.—Programme S.B. from London.

MONDAY, Nov. 24th, TUESDAY, Nov. 25th, and THURSDAY, Nov. 27th.

11.30-12.30.—Gramophone Records.
3.30-4.30.—Afternoon Concert.
5.0-5.30.—WOMEN'S HALF-HOUR.
5.30-6.45.—CHILDREN'S CORNER.
7.0 onwards.—Programme S.B. from London.

WEDNESDAY, November 26th.

11.30-12.30.—Gramophone Records.
3.30-4.30.—Banjo Duets by Frank T. Bagnall and L. C. Foulston.
5.0-5.30.—WOMEN'S HALF-HOUR.
5.30-6.45.—CHILDREN'S CORNER.
7.0-11.0.—Programme S.B. from London.

FRIDAY, November 28th.

11.20-12.30.—Gramophone Records.
3.30-4.30.—Programme S.B. from Birmingham.
5.0-5.30.—WOMEN'S HALF-HOUR.
5.30-6.30.—CHILDREN'S CORNER.
6.40-6.55.—Ministry of Agriculture Talk. S.B. from London.

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

PERCY SCHOLES. S.B. from London.
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MARIE HYDES (Mezzo-Soprano).
IVY SMITH (at the Piano).

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March, "Admirals All" Hubert Bath
Overture, "William Tell" Rossini
Marie Hydes.

"To the Forest" Tchaikovsky
"Alice Blue Gown" Montgomery (3)
"Over the Mountains" arr. Roger Quilter
Orchestra.

Suite, "Joyous Youth" Eric Coates
Selection, "Monsieur Beaucaire" Messenger
E. H. Wharton.

Selections from his Repertoire.
Orchestra.

Symphony, "The Military" Haydn
Marie Hydes.

"Flower Song" ("Faust") Gounod
"Gartan Mother's Lullaby" (Co. Donegal)
Herbert Hughes (1)
Orchestra.

Overture, "Leonore," No. 3. Beethoven
Entr'acte, "Chant Indoue"
Rimsky-Korsakov

"La Lisonjera" Chaminade
E. H. Wharton.

Selections from his Repertoire.
Orchestra.

Suite, "My Native Heath"
Arthur Wood (1)

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

Mr. J. A. P. EDGUMBE. S.B. from London. Local News.

10.0. Orchestra.

Suite, "A Lover in Damascus"
A. Woodforde-Finden (1)

Marie Hydes.
Selected.

E. H. Wharton.
Selections from his Repertoire.
Orchestra.

Selection, "Chu Chin Chow" Norton (31)

10.30.—Close down.

SATURDAY, November 29th.

3.30-4.30.—Programme S.B. from Manchester.

5.0-5.30.—WOMEN'S HALF-HOUR.
5.30-6.30.—CHILDREN'S CORNER.

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

Station Director's Talk. Local News.

7.30-12.0.—Programme S.B. from London.

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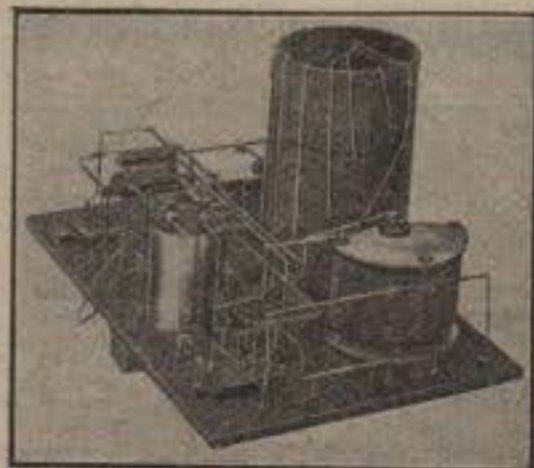
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The Tungar saves expense and trouble, increases the life of your battery, and enables you to charge any time, night or day.

B.T.H. Tungar
FOR CHARGING BATTERIES ON
ALTERNATING CURRENT SUPPLY

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The Ideal
Combination
A
B.T.H.
RADIO SET
AND A
TUNGAR
FOR BATTERY
CHARGING
ON A.C. SUPPLY



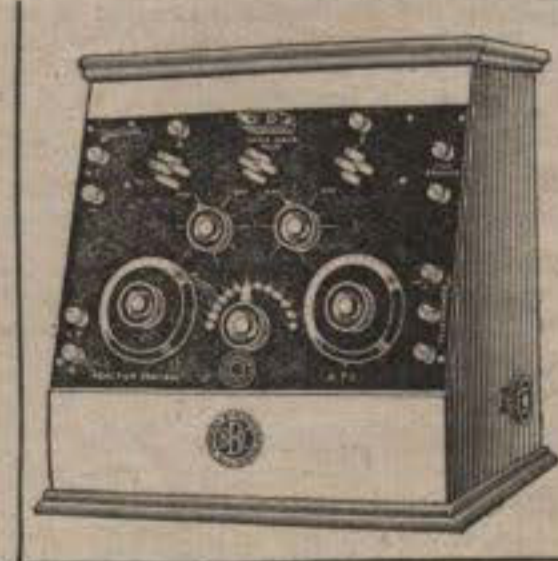
One of our instruments about half finished (note special design of coil which gives high efficiency and eliminates interferences).

FOR THOSE WHO WANT THE BEST

Dunham Instruments will particularly appeal. When you buy a wireless receiver it will pay you to buy the best with an assurance of quality and with a definite guarantee. The unique design and circuit arrangements make Dunham Instruments the most efficient and their beautiful finish gives them pride of place in every home. Wonderfully built and designed, they give a range that is unequalled with a rendering that is perfect and they are extremely simple to operate. The Dunham 3-valve set will bring in distant stations on the loud speaker up to 400 or 500 miles, and the new high-power station up to approximately 800 miles. Its range includes, not only all B.B.C. stations, but Paris, Radiola, etc. On an indoor aerial it has a range of from 400 to 500 miles and signals come through loudly and clearly. A beautiful receiver, wonderfully built and designed with an **EVERLASTING GUARANTEE**. 3-Valve Receiver £9. 12s. 6. plus Marconi royalty fee 37/6, or absolutely complete £15. 16s. 6. Write for full catalogue and more particulars of the wonderful machines we market and traders for Agency forms and good trade terms.

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The "DUNHAM" 3-Valve Receiver.

**Stoke - on - Trent
Programme.**

6ST 306 M.

Week Beginning Sunday, November 23rd.

SUNDAY, November 23rd.

3.0-5.30. } Programmes S.B. from London.
8.0-10.35. }

**MONDAY, November 24th, and WEDNESDAY,
November 26th.**

3.30-4.30.—The Majestic Cinema Orchestra:
Musical Director, Thomas Beckett.
5.0-6.0.—CHILDREN'S CORNER.
7.0-11.0.—Programme S.B. from London.

**TUESDAY, Nov. 25th, THURSDAY, Nov. 27th,
and SATURDAY, Nov. 29th.**

3.30-4.30.—The Majestic Cinema Orchestra:
Musical Director, Thomas Beckett.
5.0-6.0.—CHILDREN'S CORNER.
7.0 onwards.—Programme S.B. from London.

FRIDAY, November 28th.

3.30-4.30.—The Majestic Cinema Orchestra:
Musical Director, Thomas Beckett.
5.0-6.0.—CHILDREN'S CORNER.
6.40-6.55.—Ministry of Agriculture Talk. S.B.
from London.

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

PERCY SCHOLES. S.B. from London.
Local News.

THE APOLLO QUARTET:

W. T. BONNER (Solo Pianoforte);
HILDA COOK (Soprano);
HARRY BREEZE (Baritone);
LUCIEN BOULLEMIER
(Humorous Monologues).

7.30. Quartet.
"Song of Hope" Adolph Adams
"Little Tommy Went A-Fishing"
J. C. Macy (2)

"The Comrade" F. A. Challiner (25)
Pianoforte Solos.

7.45. "Evening Bells" Palmgren
Grand March from "Tannhäuser"
Wagner-Liszt

7.55. Soprano Songs.
"The Swallows" Cowen (1)
"The First Violet" Mendelssohn

8.5. Humorous Monologues.
"The Pierrot's Nightmare"
Graham Squires (13)

"The Street Watchman's Story"
Winter (13)

8.20. "El Yo' Like" Ambrose Barker (13)
Quartet.

"On the Sea" Dudley Buck (2)
"I Dare Not Ask a Kiss" E. C. Bairstow

"I Prithce Send Me Back My Heart"
S. E. Lovatt (25)

8.35. Baritone Songs.
"Sombre Woods" Lully (1)
"Tom o' Devon" Kennedy Russell

"Youth" Francis Allitsen (1)
Pianoforte Solo.

8.45. Hungarian Rhapsody Liszt
Soprano Songs.

"Rose Softly Blooming" Spohr
"Where the Bee Sucks" Arne

9.5. Humorous Monologues.
"Eddication" Graham Squires (13)
"The Gladiator" Eliza Kellog (13)

9.20. Baritone Songs.
"The Watchman" Squire (1)
"Harlequin" Wilfred Sanderson (1)

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

Mr. J. A. P. EDGUMBE. S.B. from
London. Local News.

10.0. Quartet.
"Feasting I Watch" Elgar (11)
"A Farewell" James Colman

10.10. Humorous Monologue.
"The Girl on the Stairs"
Lawrence Hanley (13)

10.15. Baritone Songs.
Selected.

10.20. Soprano Songs.
"Bid Me Discourse" Bishop
"Good-Bye" Tosti

10.25. Pianoforte Solo.
Valse Brillante Chopin

10.30.—Close down.



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Volume and Clarity*

Just take out your last L.F. stage valve and insert a Mullard D.F.A. MASTER VALVE. You will be delighted with the immediate increase in volume and clarity from your loud speaker. The special construction of these Master Valves gives powerful and pure amplification and yet requires LESS current than your present valves.

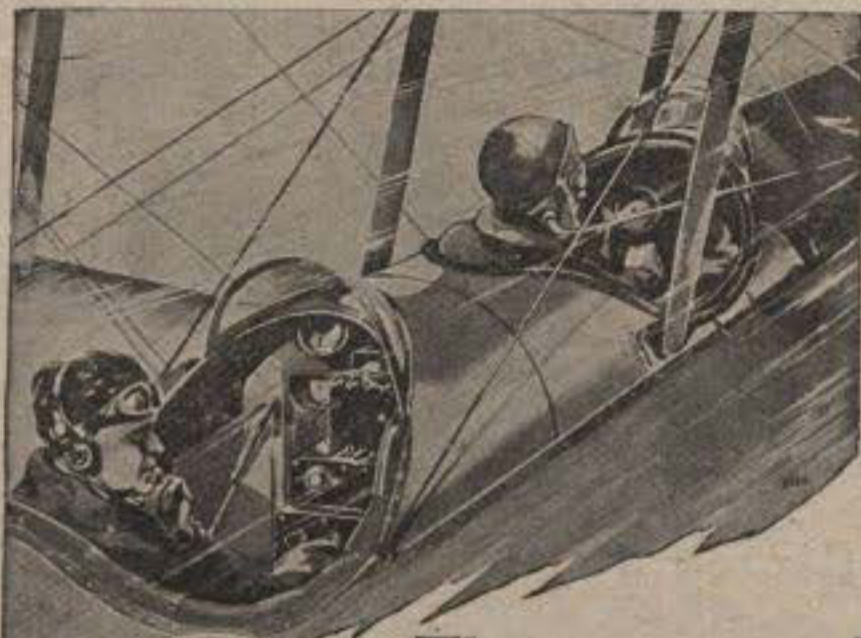
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in the cockpits
of the R.A.F.

—read what a
user says to-day

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Ohms.	120	24/6
	2,000	25/6
	4,000	26/6

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London, W.C.2.

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Please forward me a pair of your British Ericsson 4,000 ohms 'phones, as advertised in "Radio Times" at 26/6, which I enclose. They have been recommended to me by a friend who has used a pair for years.
I asked another friend the other week which were the best 'phones. Without hesitating, he answered, "Ericsson's." This shows how well-known your 'phones are.
I remain,
Yours sincerely,
F.G.

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SCOTLAND: Malcolm Breingan, 57, Robertson Street, Glasgow.
BIRMINGHAM: 14-15, Snow Hill.
N.E. ENGLAND: Melbourne Ho., Newcastle-on-Tyne.
LEEDS: North British Engineering Equipment Co., Lands Lane.
IRISH FREE STATE: Stocks carried by A. W. Doyle, Kelly & Co., 174, Great Brunswick Street, Dublin.
BELFAST: J. Robertson Ltd., 45, May Street.
CARDIFF: E. Thompson & Son, 1/9, Western Mail Chambers.



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You may say to yourself—"Why should I bother to solder when I can easily screw or twist a wire into position—besides, soldering is hard to do, and messy as well."

Make no mistake about it. If you want the best out of your set you must give it of your best—Solder every connection—spare not one, and you will be delighted with the great improvement of the receptive qualities.

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It is perfectly simple to use, and will last for years in constant use. It contains a special "small-space" Soldering Iron, with non-heating metal handle, a Pocket Blowlamp, FLUXITE, Solder, etc., and full instructions. Price 7/6. Write to us should you be unable to obtain it.



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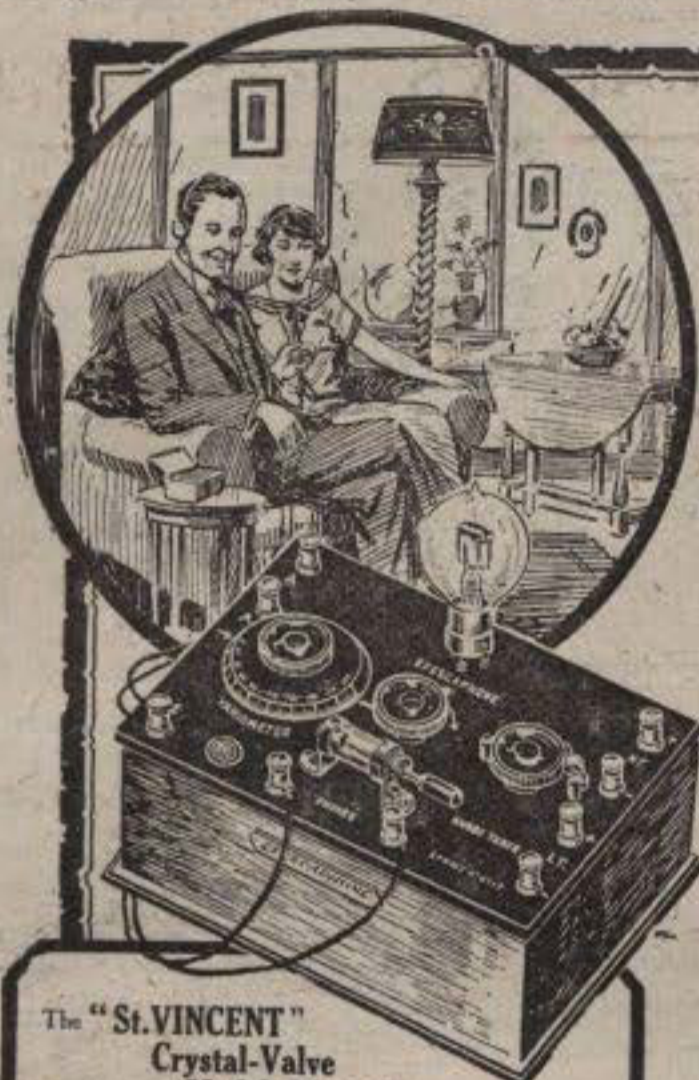
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"THANKS AWFULLY, MARS."



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Crystal-Valve
Model Efescaphone.

No matter where you live the "St. Vincent" enables you to listen-in with headphones to the nearest Broadcasting Station. In addition the con-valve model "St. Vincent" operates a loud speaker within a radius of 10 to 15 miles of a Broadcasting Station, and a two-valve model from 30 to 40 miles.

Price complete with headphones and all accessories except valves:

One-valve £10 Two-valve £13:15:0

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NOT in the old-fashioned dull way—surely. Keep in touch with the world; all the latest news, concerts with the world's finest talent, interesting lectures, will make every evening a delight to owners of a first-class wireless set, like the

We illustrate two popular Efescaphone models. There are many others from a simple crystal set to a luxuriously fitted 5-valve set. Each gives perfect reception within its range; each is exceptionally simple to operate; each is neat and compact in design, and each can boast of handsome cabinet work. The wave-length range of the multi-valve sets embraces both British and Continental Broadcasting Stations.

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In Catalogue 522, every EFESCAPHONE Set and all our Efesca components are fully illustrated and described. Write us for a FREE copy to-day.

Efescaphone Sets are sold by most Wireless Dealers, Electricians & Ironmongers.

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The
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A very fine 3-valve model with a wave-length range covering both British and Continental Broadcasting Stations. A particularly neat and simple set. Handsome polished walnut case with roll shutter covering instrument panel when not in use. Normal range with headphones 250 miles; with loud speaker 75 miles.

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GAS
USERS
PROFIT
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Showing cold water being poured on a red-hot Vitreosil Globe, which is unharmed by this drastic test. No other globes will stand this.

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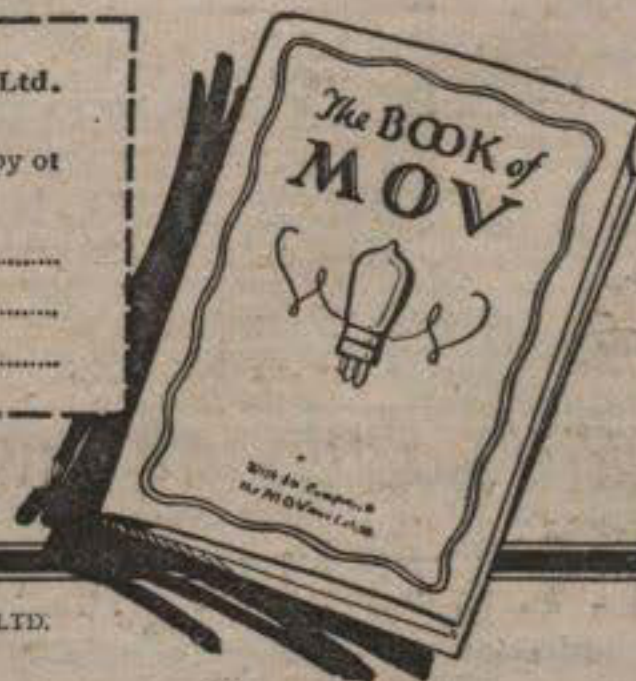
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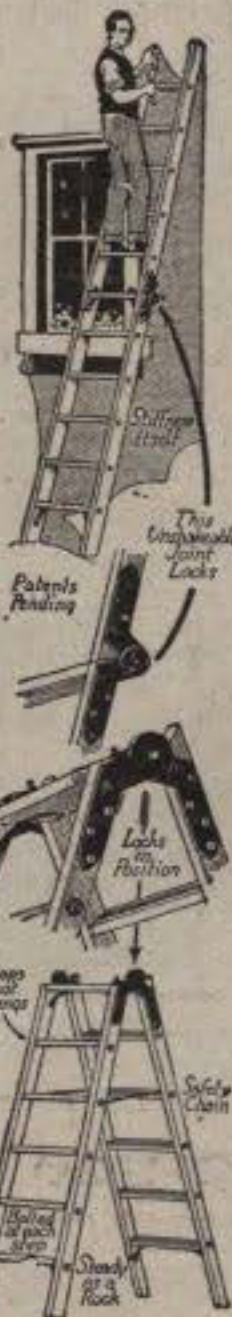
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PILOT: Yes. There was an extraordinary instance yesterday. One of our pilots was up in a two-seater with a deaf passenger who misunderstood something he said and thought the machine was on fire. Created no end of a fuss.
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14/- down brings you a Riley 'Home' Billiard Table

on 7 days' free trial. For a first payment of 14/- you will receive, carriage paid, in free packing case, the splendid 6ft. Riley 'Home' Billiard Table (Cash Price £11 15 0), that rests comfortably on most dining tables and gives a perfect game. The balance you pay in monthly instalments whilst you use the table. There are various sizes, including one most convenient for your home.

Riley's "Combine" Billiard and Dining Tables are beautiful pieces of furniture and perfect billiard tables. Can be adjusted in five seconds. Prices range from £22 10s. or can be had for 13 or 20 monthly payments. Riley's are the largest makers of full-size Billiard Tables in Great Britain. Write for particulars. Estimates given free for repairs and accessories.

E. J. RILEY, LTD., CYPRUS WORKS, ACCRINGTON. London Showrooms: (Dept. 39), 147, Aldersgate St., E.C.1. & 3.

CYMOHITE

As a protection against imitations Cymosite is now being packed in a distinctive facial container. Each box contains several pieces of Cymosite sealed in a transparent envelope together with a special contact wire. From your Dealer or direct: North Eastern Instrument Co., Durham Rd., Lowestoft, Suffolk. G.A. 1792. "The Crystal de Luxe"



Fit a 'Malone' TO YOUR 'PHONE

and you get results rivalling a 50/- LOUD SPEAKER FOR ONLY 7/6 Postage 1/-

Fitted in a second, sound British made, complete, strongly packed. Send P.O. 8/5 at once and listen in comfort. Send stamp for free descriptive pamphlet. R. JONES & CO., 15 'Eos' gascon Court. London Agents. 237, Westbourne Grove, London, W.11.

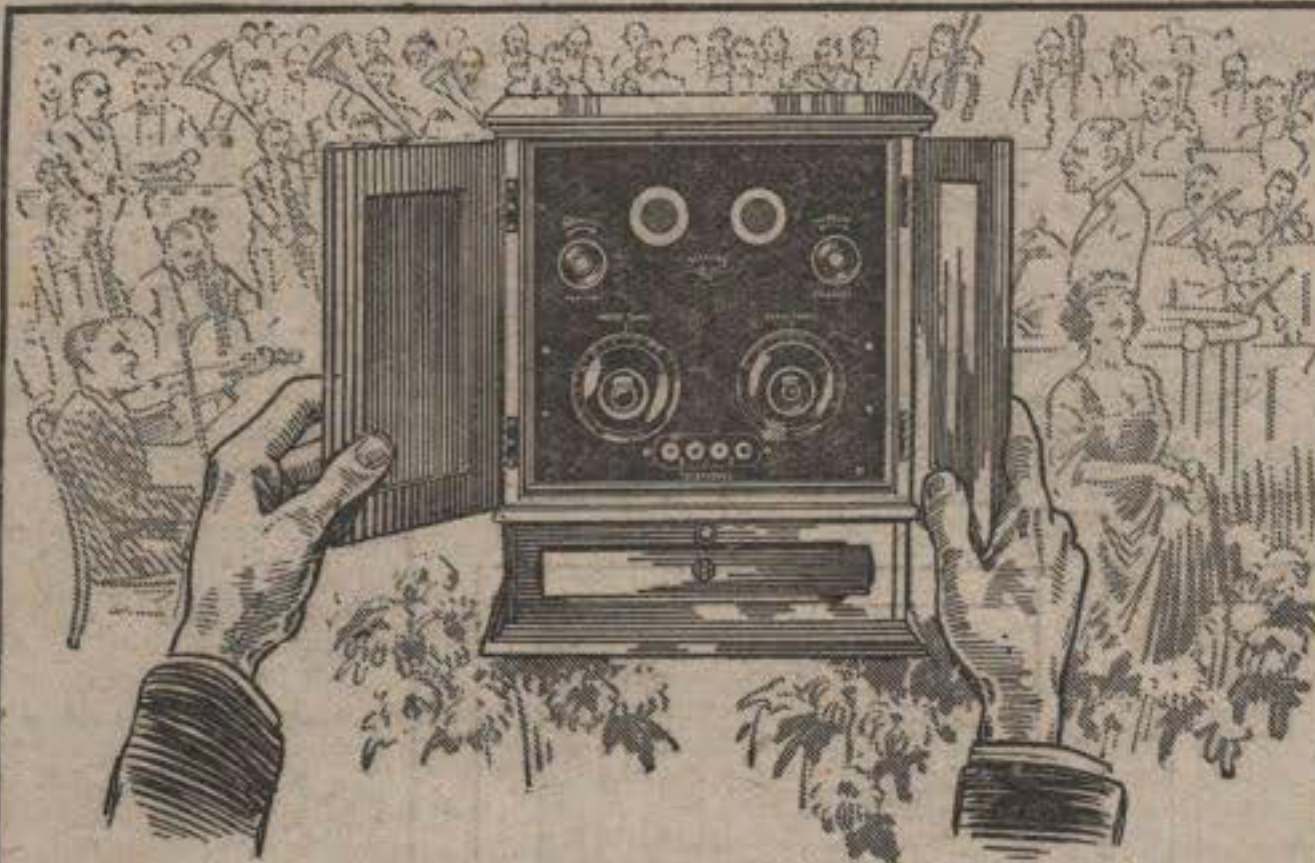
It's always a Risk!

If you don't mark your linen it may easily get lost or mislaid. The best and neatest method is to mark everything with Cash's Woven Names. Woven on fine cambric tape in any of the following colours: Turkey Red, Black, Green, Gold, Helio, Sky or Navy Blue lettering. A special and finer tape for handkerchiefs and small articles supplied if desired.

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Obtainable from all Drapers and Outfitters at short notice. Samples and full list of styles FREE on application to J. & J. CASH, LTD. (Dept. N.4), COVENTRY.



Open the doors to a world of music

November days—long dark evenings—what a comfort radio is! Music, song, speech and news hour after hour. Never a dull moment!

A crystal set is good but so limited. A two-valve set opens up an infinitely wider range of enjoyment well worth the extra cost.

This Sterling Two-valve Receiver brings all British broadcasting favourably situated at headphone strength—

the local station at short distance at loud speaker strength.

It is a Sterling quality set in every way—perfect components, perfect assembling, perfect workmanship, perfect cabinet craftsmanship and so—*perfect performance.*

All good radio dealers are pleased to demonstrate the superiority of this Sterling Receiver. It is a worthy example of the truth that "those who buy Sterling buy best!"

The Sterling Two-valve Receiver illustrated above is supplied complete with valves, one pair of Sterling Headphones, high tension battery and an accumulator. **PRICE £20**

STERLING TWO-VALVE Long Range RECEIVER

at your radio dealers

Adot. of **STERLING TELEPHONE & ELECTRIC CO., LTD.**

Manufacturers of Telephones and Radio Apparatus, etc.

Telephone House, 210-212, TOTTENHAM COURT ROAD, LONDON, W.1

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STERLING "ANODION" RECEIVERS

Designed to meet the demand for instruments less expensive than the standard cabinet type. In conjunction with Sterling Headphones or Sterling Loud Speakers, the "Anodion" receivers give the best possible reception of everything broadcast. They are perfectly simple to work and inexpensive to maintain.

"Anodion I" (One-Valve)

£7:7:0

"Anodion II" (Two-Valves)

£9:9:0

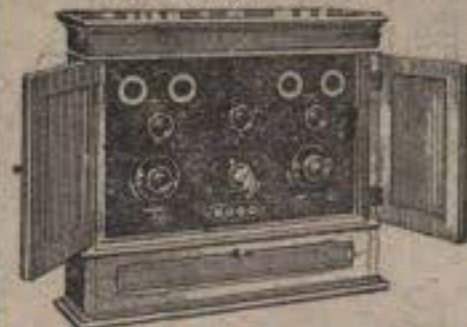
"Anodion III" (Three-Valves)

£15:15:0

"Anodion IV" (Four Valves)

£21:0:0

All accessories extra.



STERLING FOUR-VALVE Long Range RECEIVER

This fine instrument will receive broadcasting over a very wide range and will give excellent loud speaker reproduction within reasonable distance of a broadcasting station. The set comprises one stage of high (Radio) frequency amplification, a detector and two stages of low (Audio) frequency magnification, the last consisting of a "Power" valve coupled by means of a Sterling "Power" Transformer to give great volume whilst still preserving purity of tone. Normally fitted for receiving B.B.C. transmissions, the set can quickly be adapted for others up to 3,000 metres. Complete with Valves, Headphones, High Tension and Grid Batteries. **PRICE £40**