



THE OFFICIAL ORGAN OF THE B.B.C.

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EVERY FRIDAY.

Two Pence.

OFFICIAL
PROGRAMMES
OF
THE BRITISH
BROADCASTING
COMPANY.

For the Week Commencing
SUNDAY, JUNE 8th.

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

SPECIAL CONTENTS:

THE TALE: A POEM.
By Alfred Noyes.

WONDERS OF PSYCHICAL RESEARCH.
By Sir Arthur Conan Doyle.

A GLANCE BACKWARD—AND FORWARD.
By P. P. Eckersley.

OFFICIAL NEWS AND VIEWS.

FAMOUS HYMNS OF WHITSUNTIDE.

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

The Broadcasting of Silence.

THE nightingale is a little bird. It is associated with circumstances of sentiment and delight. It makes us feel romantic at any age, even though we may never have heard it sing. It has figured high in literature. But one or two of the species have made a stir of recent days, not only out of all proportion to their size, but also of such magnitude as probably to equal all the attention lavished on their operations and their habits before.

There are times when the traditional stolidity of our race gives way. The barriers of reserve are broken. Latent and normally disciplined emotionalism is revealed. For a little while a measure of sentimentality is unashamed. Then, of course, "better feelings" assert themselves. Cultured restraint, tempered with a measure of cynicism, holds away again. The trivial weakness of the moment is forgotten; equilibrium is restored.

"Scenes of indescribable enthusiasm" are infrequent; the occasions and causes which produce them are not always particularly creditable. Occurrences which lead to manifestations of intense interest and excitement are not always such as to redound to the prestige of civilization.

All this being so, it was the more interesting to read some of the innumerable letters and press comments on the incident which is under review. A little bird unconcernedly engaged in the pursuit of his personal affairs in a Surrey garden on an evening in May has swept the country (or such not inconsiderable portion of it as had the sense to listen to him) with a wave of something closely akin to emotionalism, and a glamour of romance has flashed across the prosaic round of many a life.

Excellent. But we must not allow such trivialities to distract us. We must return with greater zest to the review of sundry divorce and murder cases now proceeding; to the traffic

problems of London, and to the threatened collapse of various bridges. The brief incursion to the realms of sentiment will make us more utilitarian and practical than ever. I wonder.

I was sure it would be remarkable, but no one could have foreseen the extent to which it would catch the popular fancy. One of the first letters on the subject which came to me personally was from the head of one of the great industrial undertakings of the country. His letter is in my mind as I write, a week later. This is what he said: "I have heard and seen a good many remarkable things in my life, but the most remarkable thing that has come within my experience was the broadcasting of the song of the nightingale last night."

Now that means something, and to those who know the man it means a great deal. Can it really be true? Did this one little broadcast not only overshadow all the apparently greater and more spectacular things we have ever done, but also all the incidents of a long and busy life with associations and experiences in many different countries? If that be so, the enchantment of the nightingale has drawn us over the borderland and has revealed a vista of influences that should be sweet. I must leave it at that. The weak things are certainly chosen to confound those which are mighty.

"Then feed on thoughts; that voluntarie move
Harmonious numbers, as the wakeful Bird
Sings darkling, and in shadiest Covert hid
Tunes her nocturnal Note."

When I was twelve years old I read at parental behest Milton's "Paradise Lost" from end to end, and, moreover, under similar incentive, I committed considerable portions to memory. With all the reading, voluntary and otherwise, which it has been my privilege to overtake since then, I do not know of many passages in poetry which excel the description of the fall of evening, which is apposite here:—

(Continued overleaf in column 3.)

Famous Hymns of Whitsuntide.

Stories of Sacred Melodies that will be Sung this Week.

WHIT SUNDAY commemorates the Day of Pentecost, the record of which is contained in the second chapter of the Acts of the Apostles. Thus all the hymns, and they are very numerous, addressed to the Holy Spirit are suitable to be sung at Whitsuntide.

One of the best known and best loved is:—
 "Our blest Redeemer, ere He breathed
 His tender last farewell,
 A Guide, a Comforter bequeathed,
 With us to dwell."

The hymn is remarkable for the fact that the authoress, Miss Harriet Auber, wrote it on a pane of glass in a window of her house at Hoddesdon, where she lived for many years. She wrote a good many hymns, but this is the only one by which she is widely known.

"Dear Myself."

Another well-known Whitsuntide hymn is "Gracious Spirit dwell with me," and it was written by Thomas Toke Lynch, the son of a surgeon, at Dunmow, in Essex. He was very precocious, and he wrote a volume of poems before he was fifteen which he dedicated to himself, in this humorous form:—

"Dear Myself,—As you have had some concern in writing these verses, and are, besides, my oldest and most intimate friend, it is but proper that I should dedicate them to you," etc., concluding with "I remain, My dearest myself, Your affectionate, though injured companion, I."

Mr. Lynch was always delicate and died whilst he was the minister of Mornington Church, Hampstead, in 1871, at the age of fifty-three.

A Poet in Despair.

Although William Cowper's great hymn: "O for a closer walk with God," is not always recognized as a Whitsuntide hymn, there is no doubt of its eminent suitability for the season, for the poet exclaims:—

"Return, O holy Dove, return,
 Sweet messenger of rest."

When Cowper in this hymn speaks of "an aching void"—a phrase which has passed into the current coin of language—he was expressing a mood to which he was subject all his life.

That he was little to blame for these moods of despair is proved by the fact that he was on several occasions mentally deranged, and more than once he actually attempted his own life. It was after one of these temporary aberrations that he turned his mind to hymn writing. For eight years he was well, and most of his religious verse was written in this happy period. Then his mind gave way again and he made another attempt to commit suicide. He ordered his coachman to drive down to the river, but the man purposely lost his way and the poet found himself back home, and, in a fit of happy contrition, he wrote perhaps his best-known hymn:—

"God moves in a mysterious way
 His wonders to perform."

There are two Whitsuntide hymns which are attributed to King Robert the Second of France. The first of these is "Holy Spirit, Lord of Light!" and it was translated from the original Latin in which the mediæval king wrote it, by the author of "Days and moments swiftly flying," the Rev. Edward Caswell, who was, in his early ministry, vicar of Stratford-sub-Castle, near Salisbury.

The second "kingly" hymn is "Come, Holy Ghost, in love," which was translated by Dr. Ray Palmer, who is generally conceded to be America's greatest hymn writer.

A hymn which has grown greatly in favour is Christopher Wordsworth's paraphrase of St. Paul's great poem on Charity, or Love, in I Corinthians, xiii. In some hymnals it is not

given in full and, therefore, loses the continuity which is essential to a paraphrase, but everybody will recognize:—

"Gracious Spirit, Holy Ghost,
 Taught by Thee, we covet most
 Of Thy gifts at Pentecost,
 Holy, heavenly Love."

It would be strange indeed if the great little Dr. Watts, who rests in Bunhill Fields, in the City Road, had not contributed a Whitsuntide hymn to the Christian Church, and, indeed, few hymns for this season are better known than his:—

"Come, Holy Spirit, heavenly Dove,
 With all Thy quickening powers;
 Kindle a flame of sacred love
 In these cold hearts of ours."

Innumerable are the stories told of Dr. Watts. One of the best relates how three young fellows came up to him with mock deference, one addressing him as Father Abraham, a second as Father Isaac, and a third as Father Jacob. The learned doctor replied good-humouredly: "I am neither Abraham, Isaac, nor Jacob, but Saul, the son of Kish, sent out to seek my father's asses, and lo, I have found three of them!"

PAUL PRESTON.

DR. R. A. TORREY, the well-known Evangelist, is carrying on a vigorous campaign in America by means of wireless. His religious addresses are being broadcast all over the country, and it is stated that at least one listener wrote to say that he had been "converted" as the result of hearing Dr. Torrey through the head 'phones. Many country churches in the Prairie Provinces have been specially equipped with wireless sets so that congregations may hear the doctor's addresses.

Wireless Drama.

By R. E. Jeffrey (Director of Aberdeen Station).

MY experiences in producing wireless drama prove to me beyond doubt that it has several advantages over stage productions.

Almost all of us have, consciously or sub-consciously, a strong sense of the dramatic. The hidden books of our lives are, for the best part, made up of pages full of dramatic incident. We have all been thrilled by joy, or fear, agony, love, hate, inspiration, anger, and other emotions. Strict training and temperamental reluctance to allow these feelings to take possession of us, have, perhaps, caused us to exercise restraint, and these soul-moving moments have been rigorously repressed. But here we must remember that the sub-conscious mind stores up every experience, and these experiences may provide the mental understanding to appreciate incidents outside ourselves, if they are motivated by similar feelings.

Power of the Sub-conscious Mind.

With broadcasting there is no need to perpetrate the crudity of a papier-maché ship on rolling billows of canvas, unwarranted absurdities presumed to produce an illusion on an intelligent mind. Thus, although we have never actually been in a disaster at sea, our sub-consciousness will supply a personal analogy, if we have ever passed through a moment's experience which prompted the feeling of fear of death, or steadfast courage, or resignation. Which of these feelings is recalled is dependent upon the point from which we view the disaster.

Not only is this feeling supplied by sub-conscious analogy, but an imaginative scene is

The Broadcasting of Silence.

(Continued from the previous page.)

"Now came still Evening on, and Twilight gray
 Had in her sober Livery all things clad;
 Silence accompanied, for Beast and Bird,
 They to their grassie Couch, these to their Nests
 Were slunk, all but the wakeful Nightingale;
 She all night long her amorous descant sung;
 Silence was pleas'd: now glow'd the firmament
 With living Saphirs: Hesperus that led
 The starrie Host, rode brightest, till the Moon
 Rising in clouded Majestie; at length
 Apparent Queen unvaild her peerless light,
 And o'er the dark her Silver Mantle threw."

Among the great paradoxes of life come the companionship of solitude and the voice of silence. If Silence were pleased, then there must have been co-existence of silence and the song of the nightingale. So when we send the nightingale all over England and Scotland, to town and village, we are broadcasting something of the Silence which men unconsciously crave and so urgently require.

Silence is a purely relative term, but there must be some special and amazing quality in some of the vibrations we call sounds if they can be considered not incompatible with the sphere of the vibrations we cannot hear and accordingly call silence, or absence of sound.

Our senses are painfully inefficient in their functioning—vast ranges of vibrations with things happening that we cannot get in touch with; and even within the provinces of sight and hearing and touch we only attain to a symbolism of things as they are, until our limitations are removed and, symbolism unnecessary, we shall know as we are known. In the meantime, let us make the most of those symbols which tend to our peace.

J. C. W. REITH.

also provided—it being mentally impossible to experience an emotion without also conceiving a personally acceptable appreciation in which to set it. All the accumulated knowledge of sea, ships, storms, etc., which we have read, heard, or seen, will supply a picture with a wealth of infinite detail and truth. This is a most vital point, so far as broadcasting is concerned.

Now, when we are stirred by an emotion aroused by the efforts of actors on the stage, the reality is seriously counteracted by the fact that an obviously artificial setting—probably the direct opposite of the sub-conscious picture—is facing us.

A Personal Picture.

The amazing advantage of listening without sight to words which are arranged to build emotion-compelling situations is that every person places the emotion in a setting fitted to or known by him. Thus, the emotion becomes a power inter-acting with a personal experience. Here the artificiality is entirely done away with, and if the ability of the speakers is of a high order, the emotion of the situation is universally accepted—it becomes a personal picture adapted to the mentality of the individual and assumes a reality which can be far greater than any effect at present provided on an ordinary stage. This is but a development of Shakespeare's idea that curtains of unostentatious appearance should be used for backgrounds. His intuitive knowledge of psychology was particularly true.

(Continued in column one on the facing page.)

Official News and Views. GOSSIP ABOUT BROADCASTING.

Broadcast Talks to Schools.

OUR National Advisory Committee on educational matters consists of Sir Benjamin S. Gott, Sir H. Walford Davies, Mus. Doc., LL.D., F.R.C.O., A.R.C.M., the Rev. D. J. Thomas, M.A., J.P., and Mr. F. J. Leslie, M.A. (representing the Association of Educational Committees); Mr. P. Sharp, B.Sc., and Mr. A. R. Pickles, M.A. (representing Directors of Education); Mrs. Gordon Wilson, and Mr. C. D. Dunkerley (representing Joint Committee of the Four Secondary Associations); Mr. A. E. Bullock and Mr. E. Mander, B.Sc. (representing National Union of Teachers), and a representative of the Private Schools Association. The above Committee has decided that there is a really useful place in the curricula of the schools of this country for talks broadcast by wireless.

This decision, which took into account the experimental character of the transmissions to date, was made not only on the personal observation of members of the Committee, but also upon the many reports received from schoolmasters and others who had been watching the recent experiments.

The transmissions at 3.15 p.m. to schools on Friday afternoons will be continued until Friday, July 4th. On that date Sir Henry Walford Davies will, with illustrations, talk to scholars on "The Making of Tunes." Talks previous to that will deal with the Dominions, and will be delivered by lecturers of distinction.

An Important Appointment.

The Board of Education is following very closely and with keen interest the educational side of our programmes, and has agreed, with

the sanction of the Treasury, to the seconding of one of its principal inspectors, Mr. J. C. Stobart, for duty with us as Director of Education. Mr. Stobart will take up his regular duties in August. He was educated at Rugby, and Trinity College, Cambridge, where he gained a first-class in the Classical Tripos and was University Bell Scholar. Incidentally, he was editor of the *Granta*, the undergraduate journal.

On leaving the University, he became headmaster's assistant in the Merchant Taylors' School, and during this period took a special interest in the teaching of English, editing a series of text books of English literature. After five years as a schoolmaster, he returned to his old college at Cambridge as lecturer in ancient history. In 1910 he entered the service of the Board of Education, and has had a wide experience as H.M. Inspector of Schools, latterly in the Middlesex district. He has written well-known books on the Ancient Civilizations of Greece and Rome.

The Director of Education.

During the last few months Mr. Stobart has represented the Board of Education on the Inter-departmental Committee for Government participation in the British Empire Exhibition, and in that capacity has taken a leading part in the editorial work of the "Weekly Bulletin of Empire Study," as well as organizing the arrangements for educational visits of school children to the Exhibition. He is also known to a large number of teachers throughout the country as a director of the Board's Short Courses for Teachers at Oxford and elsewhere. He has represented the Board of Education on the Imperial Studies Committee of the Royal

Colonial Institute; he is President of the County of Middlesex Education Society, and the Middlesex branch of the Historical Association.

Mr. Stobart's services as Director of Education will be applied to securing for the evenings' programmes talks which are not only entertaining and informative, but which, by their relation one to the other, will have a definite educative value. We hope, also, to develop a regular programme of broadcasting for schools, based upon the results of our present experiments, about the second week in September.

Love Scenes from Operas.

A special programme at London Station will begin on the evening of June 10th, which will comprise "Love Scenes" from famous operas. Generally speaking, the "Love Scenes" are the most celebrated and beautiful portions of the operas from which they are taken, and such famous composers as Gounod, Puccini, Wagner and Moussorgsky will be represented. The artistes taking part in this programme are Beatrice Miranda, Gertrude Johnson, John Perry, of the British National Opera Company, and Mr. Horace Vincent. The orchestra will be conducted by Mr. Percy Pitt, and Captain C. A. Lewis will tell the story of each opera from which the love scene is taken.

The Prince's First After-Dinner Broadcast.

The Dominion Day Dinner, which will be held on July 1st at the Connaught Rooms, will be presided over by the High Commissioner of Canada, and will be honoured with the presence of H.R.H. the Prince of Wales. The London Station will broadcast the speeches of the High Commissioner and the Prince. This will be additionally interesting as it is the first after-dinner speech of the Prince that will have been broadcast.

The Liverpool Ceremony.

The new Liverpool Relay Station will be opened on Wednesday of this week, and among those participating in the ceremony and whose speeches will be broadcast will be the Lord Mayor, Councillor Arnold Rushton, and Professor Sir William A. Herdman, of the Council of Liverpool University. The Liverpool Red Cross Prize Band will be broadcasting from the London Station on Sunday afternoon, the 22nd inst.

Sir Harry Lauder to Broadcast.

An item which will attract a great number of listeners will be the talk which Sir Harry Lauder will give from the Glasgow Station on June 20th, on the "Scottish Scout Week."

Lord Lambourne on the R.S.P.C.A.

On Monday, June 16th, occurs the centenary of the Royal Society for the Prevention of Cruelty to Animals, and at 7.15 p.m. on that day Colonel the Right Hon. Lord Lambourne, P.C., C.V.O., the Chairman of the Society, will broadcast a short historical talk from the London Station.

The R.S.P.C.A., beginning in a very humble manner indeed, now possesses some 1,400 branches and a corps of over 200 inspectors. Its inspectors obtain an average of some 4,000 convictions and give over 21,000 cautions for cruelty annually. Among its many and different spheres of action the educational work—its largest side—embraces more than a million children.

Lord Lambourne's talk should be of particular interest in view of the fact that this Society was the first in the world to take for its object the care of animals in this country.

Wireless Drama.

(Continued from the previous page.)

In the theatre, everyone, of whatever class, type, or education, is compelled to look at the same setting. With the applying of these psychological facts to broadcasting, a suitable setting for every sentiment is instantly provided by the listener.

At the theatre, a king may see a bad, or, at least, indifferent representation of a palace reception chamber; a scientist may be confronted with a laboratory, quite unacceptable when compared with the one in which he habitually works; an East-End Chinaman may see a travesty of an "opium dive"; or an architect may see a structurally ridiculous portion of a house. These things observed, the full effect of the play and the efforts of the actors are militated against. But with broadcasting, the listening audience is given the opportunity of supplying individual pictures suited to its mentality, experience or habits; this reality must strengthen the uttered lines.

The same with persons of the stage. The voice may be a stimulant of a thousand reminiscences, conscious or sub-conscious, but let the owner of the voice be seen and the illusion generally crashes to the ground.

There is yet another aspect. Plays of mystery—I mean, embodying mystic or divine characters as players—will always be more powerful and real by wireless than by stage. The above reasons operate here, but they are reinforced by the element of religious mysticism inherent in us all. When producing plays of this type, I have always wished (and, indeed, endeavoured to contrive) that divine characters should not be seen, although it is necessary, of course, that their voices should be heard. Their presence should be felt. Immediately they are seen in the flesh, material takes the place of the mystic.

Can You Write a Play?

B.B.C. COMPETITION FOR RADIO DRAMATISTS.

£50 for the Winner.

THE B.B.C. will be the judges in the competition and their decision shall be final. The winner will be announced in the press and from all broadcasting stations in the United Kingdom.

On payment of the prize of £50, the B.B.C. shall thereby acquire a licence to broadcast the winning play from all stations in the United Kingdom for a period of one year from the date of the first broadcast performance of the said play, and thereafter at the rate of £2 2s. per performance.

The B.B.C. shall acquire no other licence whatsoever in the said play, all stage, amateur, publication and film rights being reserved exclusively by the author.

With reference to any other play submitted for the competition, the B.B.C. reserve the right to acquire, on the payment of £10 10s., the licence to broadcast such play from all stations in the United Kingdom for a period of one year only from the date of the first broadcast performance, and thereafter at the rate of £2 2s. per performance. All other rights in such play shall be retained by the author.

All plays entered for the competition shall be sent to the LONDON PLAY COMPANY, Authors' Agents, of 51, PICCADILLY, LONDON, W.1, before August 1st, 1924, together with an entrance fee of 1s. 6d. per play, which will be applied towards defraying the cost of reading fees and postage expenses.

The London Play Company will charge no commission whatever in connection with the competition on any of the plays submitted.

(For further particulars see last week's "Radio Times.")

PLEASE NOTE THAT MSS. MUST NOT BE SENT TO THE B.B.C., OR TO "THE RADIO TIMES."

Wireless Aid for Those in Trouble.

By Arthur R. Burrows.

IT is a gratifying fact that whatever may have been the wartime uses of wireless, the earliest serious applications in peace, both in the branches of telegraphy and telephony, have embraced the bringing of assistance to persons in danger or distress.

Wireless telegraphy has saved thousands of lives at sea which would certainly have been lost had there been no means of communication with other vessels beyond the horizon.

Restoring the Lost.

Wireless telephony, wherever it is being employed for broadcasting purposes, is also helping to reduce anxiety and suffering, and to restore lost ones to those to whom they are most dear. Since the first outstanding example, of over twelve months ago, when an appeal from the London Station asking a woman living in a little-known Bedfordshire village to make her way at once to the deathbed of a friend in a London hospital set thirty private cars racing at full speed from London to the village in question, hardly a week has passed but what one or more of the British Broadcasting stations has successfully performed a service of this character which could not have been given under the circumstances by any other medium.

A Grateful Listener.

On this page of *The Radio Times* there appears a letter from a grateful listener in which he thanks some forty persons who had the goodness of heart to leave the comfort of their homes on a recent evening to warn one mentioned by wireless that her presence was needed at a bed of sickness. What a pleasing contrast does the record of these responses to the broadcast S O S's provide when compared with the unhappy side of life which generally receives such prominence. If broadcasting serves no other good purpose, its development will have been justified by the opportunity it has presented to many for displaying their finest attributes.

The monthly returns of S O S's broadcast at the request of the hospitals and private individuals show a steadily increasing demand upon our services. This is quite apart from the variety of special messages now being broadcast

from time to time for the assistance of the Chief Commissioner of the Metropolitan Police, and for various police authorities in the provinces.



Old Salt: "What's wrong, sir?"
Wireless Enthusiast: "T-t-the-er-wave-length!"

The percentage of successful broadcasts is highly satisfactory, even assuming that the result has been notified to us in every instance; but these returns represent only a fraction of the appeals made to us for assistance. A few evenings ago, I was called up at my home address twice within five minutes for rulings upon requests for assistance of this character. One request was granted and the other refused.

Only Authentic Appeals Heeded.

The British Broadcasting Company, it is true, possesses a medium unique as a means of communicating with hundreds of thousands of persons in all classes of society; but this company would not be functioning without the financial assistance of those persons whose principal object in giving us support is, in the main, to secure entertainment and recreation at the end of the day. It is, therefore, a duty of the company to give consideration to their listeners, and only to broadcast such appeals for personal aid as are known to be authentic in all their details and cannot be handled by any other means.

The point requires emphasis, for whilst no curtailment of this important service is contemplated, a number of requests have been received lately for assistance where it has become evident on closer investigation that other channels of communication, possibly equally effective and certainly less likely to involve large numbers of persons, have not been tried.

The ordinary telephone service is expanding daily. By its means communication can be effected in a few minutes—particularly at night—with practically the remotest towns in these islands. Every police station of importance is on the telephone and ready assistance is always given by the police officials in emergency cases of unquestionable authenticity.

Broadcasting the Only Hope.

On the other hand, as has been demonstrated on many occasions, there are times when the telephone and telegraph services and all the other normal avenues for the transmission of information are unavailing; then broadcasting becomes the only hope.

To those who find themselves in the unhappy position of requiring the aid of fellow listeners we would make this one request: When ringing the nearest broadcasting studio and asking for wireless assistance, have ready all possible guarantees of the genuine necessity of wireless help, including the name of the medical man who is prepared to substantiate all statements.

Hundreds of generous-hearted and public-spirited persons have given aid, without hesitation, in response to appeals affecting their localities. To them, the thanks of all are due.

Listeners' Letters.

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

Such is London!

DEAR SIR,—Whilst listening recently, an appalling cacophony broke out beneath my window. It was due to a trio of cats joined by my neighbour's terrier. The hooter of a passing electric train added to the din.

"That," said Mr. E. Kay Robinson, "was the voice of the nightingale." Such is London!

Yours truly, F. W. A.
London, S.W.

Wonderful Response to An Appeal.

DEAR SIR,—Recently the B.B.C. very kindly broadcast for my wife that she was urgently required at Charing Cross Hospital. For that kindness I tender our warmest thanks.

I thought you might like to know how extremely kind people were in responding to the appeal. The first person called within two minutes, and then they came thick and fast from all over the district. At least thirty to forty people called; whilst some came, but did not call when they saw others there.

Yours truly, W. R.
London, W.C.

A Hint Worth Noting.

DEAR SIR,—It often happens that listeners with crystal sets who have alternating current laid on in their houses are troubled by the hum induced in the telephones. Electric light installations which have been laid down for a long time are more liable to produce this hum than those of a comparatively recent date, as the latter, being almost invariably encased in metal conduits, are much better screened.

This trouble often becomes annoying if long telephone leads are used (e.g., from room to room). If, however, one disconnects the earth lead from the set altogether, the long telephone lead appears to act as an efficient counterpoise aerial, causing complete absence of hum with practically no diminution in signal strength, provided one is not more than six miles or so from the transmitting station. Clearly, the longer the leads, the more efficient an arrangement this will be.

Yours truly, G. W. E. G.
Bournemouth.

Have You Heard Frankfurt?

DEAR SIR,—It may interest you to know that I hear at Frankfurt-a-Main all the B.B.C.'s stations very clearly with a four-valve set.

Therefore, I wish to learn if the Frankfurt Station (wave-length 460 metres) is also heard by British listeners?

Yours faithfully, WILLY BAY.
Frankfurt-a-Main.

An Unusual Experience.

SIR,—I have a simple little crystal set, from which I get perfect results from Newcastle, the nearest B.B.C. station, about fifty miles away. I have also heard concerts from Aberdeen, London and Bournemouth occasionally.

Recently I had an unusual experience which I thought would interest you. My aerial, an outside one, became disconnected from the earth wire, and was laid on a tin tray which was on the table. There was a distinct tapping heard, and on examination, I found that the aerial was charged with an electric current. On touching the bare wire, I got a distinct shock. After this I tried the wire on the tray, and could see sparking.

I have had considerable experience with electricity, and I have no hesitation in saying that there were from twenty-five to thirty volts on the aerial, which was charged for fully four minutes. I connected up to earth, and a few minutes later found the aerial to be quite all right. The weather at the time was close and heavy, but we had not seen any lightning.

Yours faithfully, J. G. H.
Gisboro'.

Tunes in Disguise.

Musical Practical Jokes.

THERE is no doubt that listening to broadcast concerts is rapidly educating people not only in musical taste, but musical literature and nomenclature also. Nowadays, when an Italian, German, or French title appears on the programmes, it is surprising how listeners, who formerly hardly knew the name of an English musical work, are familiar with the way it goes, and would recognize the hoax if anything else were substituted.

But before the advent of radio telephony, ignorance of this kind was profound. When a celebrated living organist was a good deal younger, for instance, and had a post as organist at a church in the provinces, a deputation, headed by the churchwardens, waited upon him, to complain of the levity of his concluding voluntaries.

A Joke in Church.

The organist showed great contrition, and solemnly promised that there should be no further cause for such a complaint. The next Sunday a solemn dirge resounded through the aisles as the congregation filed out, and the senior churchwarden went out of his way to congratulate the organist on the great improvement in fitness and solemnity which had been brought about by a little straight talk as man to man.

The organ-blower was just retiring; but he was called back to refill the bellows, for the organist could not keep the joke to himself, even if he got the "sack." While the astonished churchwarden stood by, the organist played his "voluntary" again—this time a good deal faster. The churchwarden nearly fainted; then changed his mind and nearly died of laughter. The tune, which had sent the congregation away in chastened mood, was "Waltz Me Round Once Again, Willie."

What Did He Tell The Queen?

The band of the Royal Life Guards was once playing at Windsor, and the air they played so affected Queen Victoria that she sent a special messenger to learn what the tune was. It seemed to mingle pomp and circumstance, colour and life, ambition and endeavour, yet to be tinged with a sadness which could be felt. What the returned messenger told the Queen history does not reveal; but the actual title of the piece the band was playing was "Come Where the Booze is Cheaper."

A friend to whom this story was told immediately capped it by saying that he was once struck with the beauty and solemnity of a certain voluntary played in his church. He afterwards met the organist and complimented him on his musical taste. "Oh, that," he said, "was a little thing entitled 'Father's Teeth are Stopped with Zinc'!"

Moved to Tears by Numbers.

But this style of deception is not confined to music. One hears of teaching languages by means of radio, and the idea is a sound one. But on one occasion the celebrated Polish actress, Modjeska, bluffed a brilliant West-end audience in great style. They had been besieging her for a recitation in her native tongue, full of the fire of patriotism and revolutionary fervour.

At last the great actress consented. She gave a display of elocutionary power which moved her audience to tears despite themselves, although no one, except the reciter, understood a word. The tone was so pathetic, the action so dramatic, the music of the speech so profound! Yet, to tell the simple truth, the actress said "One, two, three, four" in Polish up to a hundred. That was all.

PEOPLE IN THE PROGRAMMES.

An Opera "Star" at Eighteen.



Photo: Savona.
MISS BEATRICE MIRANDA.

IT is to be doubted if any operatic artiste has ever worked harder or achieved more in the past few years of her career than Miss Beatrice Miranda, who is broadcasting from London on Tuesday, June 10th. Soon after she was eighteen years of age she was singing all the dramatic prima donna soprano rôles. Miss

Miranda was a member of the Royal Carl Rosa Company until she entered upon her present engagement with the British National Opera Company eighteen months ago.

Miss Miranda is noted for her remarkable ability to study and memorize the longest operatic rôles—indeed, no part seems too difficult for her.

A Gifted Young Soprano.



MISS ANNETTE BLACKWELL.

A GIFTED young soprano who is singing at Bournemouth, on June 11th, is Miss Annette Blackwell, who is popular in that town through her frequent appearances at the Winter Gardens. Miss Blackwell received her training at the Royal College of Music, where she took her degree of A.R.C.M.

Her sisters, Phyllis and Daphne Saxon, are well-known dancers, the former, with her partner, Mr. Ronald V. Timmins, being the world's Champion Exhibition Dancers for 1924.

A Voice That Never "Broke."

TO Mr. Sydney Coltham, who is singing at various stations this week, belongs the distinction of having been in the choir at Canterbury Cathedral at the early age of eight. He sang so well that he was soon promoted to solo boy by the then principal organist, Dr. Longhurst. His voice was one of that peculiar character that it never "broke." When fourteen, he found himself unable to sing the treble solos, and yet at the age of fifteen he was singing in the tenor clef.

Mr. Coltham is also a clever violinist, and he was appointed violin master at Canterbury Cathedral School. His first application for a musical position outside his native city was for a vacancy at Westminster, which he was successful in obtaining.

Long before Mr. Coltham came to London, he had booked engagements at such critical musical centres as Leeds, Hereford, Birmingham, and also at other places.

An Authority on Asia.

SIR FRANCIS YOUNGHUSBAND, who is to broadcast from Cardiff on June 12th, is probably one of the most travelled Europeans in the world. It is said that he knows more about the innermost parts of Asia than any other white man.

Sir Francis has been through Manchuria; from Peking to India, via Chinese Turkestan; was the special correspondent of the *Times* during the Chitral Expedition, 1895; has been in the Transvaal and Rhodesia; and was British Commissioner in Thibet. He is a prolific author, his best-known works being "Heart of a Continent," "South Africa of To-day," and "The Heart of Nature."

A Bishop to Broadcast.



BISHOP OF KENSINGTON.

ON Sunday, June 8th, the Bishop of Kensington, Dr. Maud, will broadcast a religious address from London. Dr. Maud is an eloquent preacher, with a very wide outlook, for in his younger days he spent two years travelling round the world. The son of a clergyman, he was educated at Oxford, where he took his degree.

He has written some interesting books on religious subjects, which are as popular with laymen as with the clergy.

Dr. Maud has been Bishop of Kensington since 1911, having been from 1904 to 1911 Vicar of St. Mary, Redcliffe, Bristol.

Luring the Nightingale.



MISS BEATRICE HARRISON.

LISTENERS everywhere are indebted to Miss Beatrice Harrison, whose 'cello playing recently induced the nightingales to sing for the microphone. Born at the foot of the Himalayas, Miss Harrison was brought to England at a very early age and speedily evinced a great love of music. At ten she won the Gold Medal of the Associated Board of the

Royal Academy of Music in the Senior Department, gaining full marks against many thousands of adult competitors, both instrumentalists and vocalists. Later, she went to Germany and studied under Hugo Becker. She there gained the International Mendelssohn Prize, a prize open to all competitors, native or foreign, instrumentalist or vocalist, and she was the first 'cellist and the youngest competitor who had ever gained this prize.

Her success throughout the Continent was phenomenal, and on the declaration of war she had to cancel over eighty engagements.

Touring With Dame Melba.

MISS BEATRICE HARRISON has visited America four times, once before and three times during the War, touring twice with the Boston Symphony Orchestra and once with Dame Melba, and her success in America was as great as that in Europe. She brought out the Elgar Concerto recently in Vienna with success, where it created a furore and was acclaimed one of that composer's greatest works.

A Favourite Elocutionist.



MISS NORA BALLS.

MISS NORA BALLS, who has been inadvertently referred to as an "entertainer," is one of the most successful of our elocutionists, and is well-known at Newcastle Station. Besides her artistic work, Miss Balls devotes much time to the Girl Guides. At present she is County Secretary for the Girl Guides in Northumberland, Divisional Commissioner for Newcastle, and also County Can-

Adviser. Two years ago Miss Balls was prevailed upon to stand for the Town Council, but, as she herself says: "fortunately, I did not get in."

WIRELESS PROGRAMME—SUNDAY (June 8th.)

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

LONDON.

3.0.—Time Signal from Big Ben.

Band Programme.

THE BAND OF HIS MAJESTY'S ROYAL AIR FORCE.

By Permission of the Air Council.

Director of Music :

Flight-Lieut. J. AMERS.

GEORGE PARKER (Baritone).

E. KENDAL TAYLOR (Solo Pianoforte).

The Band.

March, "National Emblem" *Bogley*
Overture, "Poet and Peasant" ... *Suppé*
Songs.

"Dedication" (1)
"The Lotus Flower" } *Robert Schumann*
"I Murrmur Not" }
"To Sunshine" }

Pianoforte Soli.

Kreisleriana No. 1 in D

Minor *Robert Schumann*

Romance in F Sharp

March of the Hosts of David against the Philistines ("Carnaval") *Robert Schumann*
(Robert Schumann was born on June 8th, 1810.)

The Band.

Suite, "The Miracle" *Humperdinck*

Duet, "Excelsior" *Balfe* (1)

(Cornet, Corpl. G. Regan, D.C.M.

Euphonium, Muscn. J. Wilson.)

Ballet Music, "William Tell" ... *Rossini*

English Songs.

"Linden Lea" *Vaughan Williams* (1)

"She is Far From the Land" *Herbert Hughes*

"Brittany" *Ernest Bullock*

"The Vagabond" ... *Vaughan Williams* (1)

English Pianoforte Pieces.

"Chelsea Reach" *John Ireland*

"Shepherd's Hey" *Percy Grainger*

The Band.

Waltz, "Blue Danube" *Strauss* (1)

"Scenes Pittoresques" *Massenet*

(1) Marche; (2) Air de Ballet;

(3) Angelus; (4) Fête Bohème.

The Royal Air Force March.

Announcer : J. G. Broadbent.

5.0-5.30.—CHILDREN'S CORNER. *S.B. from Aberdeen.*

8.0.—The Bells of St. Martin's.

8.15. A Simple Service in which all Christian People may join, with an Address by

The Rt. Rev. The Lord Bishop of KENSINGTON.

Relayed from ST. MARTIN'S-IN-THE-FIELDS, Trafalgar Square.

9.0. DE GROOT

and

THE PICCADILLY ORCHESTRA.

Relayed from the Piccadilly Hotel, London.

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

Local News.

10.15.—De Groot and the Piccadilly Orchestra (continued).

10.30.—Close down.

Announcer : C. A. Lewis.

BIRMINGHAM.

3.0. THE STATION MILITARY BAND.

Grand March from "Le Prophète"

Meyerbeer (1)

Overture, "Morning, Noon and Night"

Suppé

Ballet Music from "Faust" *Gounod*

DESIREE MACEWAN (Solo Pianoforte).

Prelude and Fugue in C *Bach*

Italian Concerto *Bach*

(a) Moderato; (b) Andante; (c) Allegro

Vivace.

Military Band.

Selection from "I Pagliacci" ... *Leoncavallo*
Suite, "Summer Days" *Coates*

Desirée MacEwan.

Largo e Mesto from Sonata in D, Opus 3
Beethoven

Selection from "Kinderscenen" *Schumann*
(Of Foreign Countries and People—A Queer Story—Pleading Child—Quite Happy—An Important Event—Reverie—Child Falling Asleep—The Poet Speaks.)

Military Band.

Morceau, "Salut d'Amour" *Elgar*

Cornet Solo, "The Better Land" *Cowen* (1)

Morceau, "In Andalusia" *German*

Overture, "Tannhäuser" *Wagner, arr. Kappey*

Announcer : A. Pelham.

5.0-5.30.—CHILDREN'S CORNER. *S.B. from Aberdeen.*

8.30.—Hymn, "When God of Old Came Down from Heaven" (A. and M. 154).

The Rev. W. S. HOUGHTON (Congregational Church, Edgbaston): Religious Address.

Hymn, "Spirit of Mercy, Truth, and Love" (A. and M. 155).

9.0. THE STATION SYMPHONY ORCHESTRA.

Directed by JOSEPH LEWIS.

Overture, "Preciosa" *Weber*

Symphony No. 15 in B Flat ("La Reine de France") *Haydn*

"L'Arlésienne No. 1" *Bizet*

Nocturne from "A Midsummer Night's Dream" *Mendelssohn*

Two Hungarian Dances *Brahms*

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

Local News.

10.15.—Close down.

Announcer : Percy Edgar.

BOURNEMOUTH.

3.0. THE BAND OF THE 10TH HUSSARS. Relayed from South Parade Pier, Southsea.

4.45-5.0.—Interval.

5.0-5.30.—CHILDREN'S CORNER. *S.B. from Aberdeen.*

8.30. THE PHILHARMONIC STRING QUARTETTE.

FREDERICK HOLDING, RAYMOND JEREMY CECIL BONVALOT, CEDRIC SHARPE.

Quartette, "Satz" *Schubert*

8.40. Choir.

Hymn, "Our Blest Redeemer" (Methodist Hymn Book, 235).

8.45.—The Rev. F. B. James Wesleyan Church, Ashley Road: Religious Address.

8.55. Choir.

Hymn, "Abide With Me" (Methodist Hymn Book, 911).

9.0. The Philharmonic String Quartette.

Drei Novelletten *Glazounov*

(a) Interludium; (b) Waltz; (c) Oriental.

9.15. BRYN GWYN (Bass-Baritone).

"Lead Kindly Light" *Evans* (11)

"The Homeland Hills" *Sanderson* (1)

9.25. The Philharmonic String Quartette.

Quartet in C Major, Op. 54, No. 2 *Haydn*

9.45. Bryn Gwyn.

"The Cobbler's Song" *Norton*

"The Toilers" *Piccolomini*

9.50. The Philharmonic String Quartette.

"Sally in Our Alley" } *Frank Bridge*

"Cherry Ripe" }

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

Local News.

10.15.—Major HOW: Readings from Keats.

10.40.—Close down.

Announcer : John H. Raymond.

CARDIFF.

3.0-4.15. THE NEWPORT GLEE SINGERS
IVY HERBERT (Solo Pianoforte).
JOAN WILLIS (Solo Violoncello).

I. Pianoforte Soli :

Tocatta } *Scarlatti*

Sarabande }

Burlesca }

II. Part Songs :

"In the Country" } *Mendelssohn* (1)

"Summer Song" }

"The Voyage" }

III. Violoncello Solo :

Sonata in G Minor *Henry Eccles*—

1670-1742 Largo; Corrente; Adagio;

Vivace.

IV. Part Songs :

"The Recompense" } *Mendelssohn*

"The Merry Wayfarer" }

"Night Song" }

V. Pianoforte Soli :

Melodie } *Rachmaninov*

Polichinelle }

VI. Part Songs :

"Wandering Song" *Mendelssohn*

"Friend, Good-bye" *Mendelssohn* (1)

"Serenade" *Mendelssohn*

VII. Violoncello Soli :

"The Willow Tree" (Old Irish)

arr. *Reynaldo Hahn*

"Jardin D'Armour" (Old French)

arr. *Emile Vuillermoz*

"David of the White Rock" (Old Welsh).

Announcer : A. H. Goddard.

5.0-5.30.—CHILDREN'S CORNER. *S.B. from Aberdeen.*

6.30-8.0. Religious Service relayed from CHARLES STREET CONGREGATIONAL CHURCH.

Preacher: The Rev. J. PHILLIP ROGERS, B.A.

8.0. Spanish Night.

THE STATION SYMPHONY ORCHESTRA.

Conductor: WARWICK BRAITHWAITE

Vocalist: JOHN COLLINSON (Tenor).

I. Overture, "Le Roi d'Ys" *Lalo*

II. Suite from "El Amor Brujo" de *Falla*

III. Song, "Flower Song" from "Carmen" *Bizet*

IV. Suite from "Carmen" *Bizet*

V. Songs: (a) "Vision of Love" *Earme Guctary*

(b) "Tears Those Dear Eyes Sadden" *Granados*

(c) "When Autumn Leaves are Falling" *Morales*

VI. "Catalonia" *Albeniz*

VII. "Spanish Dances" *Granados*

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

Local News.

10.15.—Close down.

Announcer : E. R. Appleton.

MANCHESTER.

3.0. THE BAND OF THE 3RD BATT. CHESHIRE REGIMENT.

Conductor: PAT RYAN.

Vocalist: ARTHUR C. HOLLAND (Baritone).

March, "Namur" *Richards* (1)

Overture, "Zampa" *Herold* (1)

Entr'acte, "The Butterfly" *Bendig*

Selection, "The Geisha" *Jones*

3.30. Arthur C. Holland.

"Song of the Toreador" *Bizet*

"Volga Boat Song" *Chaliapine-Koenneman*

3.45. Band.

"Serenade" *Drigo*

"Ballet Egyptien" *Luigini*

"In a Monastery Garden" ... *Ketelbey* (3)

4.15. Arthur C. Holland.

"The Slighted Swain" } *arr. Lane*

"The Pretty Creature" } *Wilson* (1)

"Leezie Lindsay" ... *arr. Malcolm Lawson*

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 449.

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

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

- 4.30. Band.
Three Dances, "Nell Gwyn" German
Overture, "William Tell" Rossini
- 5.0-5.30.—CHILDREN'S CORNER. *S.B. from Aberdeen.*
- 8.0-8.30.—S. G. HONEY: Talk to Young People.
- 8.40. **Vocal and Instrumental Concert.**
FLORENCE HOLDING (Soprano).
"Caro Mio Ben" Handel
"My Heart, Ever Faithful" Bach (11)
NORMAN FAWCETT (Solo Pianoforte).
Selected items.
Florence Holding.
"Loch-an-Eilan" May Gibb (4)
"Over the Land is April" Roger Quilter (4)
- 9.10.—Hymn.
The Rev. P. CECIL DEAN, Vicar of South Shore: Religious Address.
Hymn.
- 9.30. TOM SHERLOCK (Baritone).
"I Triumph, I Triumph" ... Carissimi (1)
"In Sheltered Vale" Old German Melody
S. SPURGIN (Solo Violin).
"Romance" Svendsen
"Legende" Wieniawski
Norman Fawcett.
Selected items.
- 10.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
Local News.
- 10.15. Tom Sherlock.
"Bright is the Ring of Words" Vaughan
"Vagabond" Williams (1)
S. Spurgin.
"Ave Maria" Schubert
"Czardas" Monti
- 10.30.—Close down.
Announcer: Victor Smythe.

NEWCASTLE.

- 3.0. THE CONSERVATOIRE QUARTETTE.
Quartette for Piano and Strings in E. Flat
Dvorak
(a) Allegro con fuoco; (b) Lento.
FREDERIKKA WALLIS.
"God is Aye Our Sun and Shield" Bach
"An Evening Hymn" Purcell
HARRY CORRY (Baritone).
"Devotion" Schumann
"Don Juan's Serenade" Tchaikovsky
Quartette.
Quartette in E Flat Dvorak
(c) Allegretto. Moderato. Grazioso.
(d) Finale: Allegro ma non troppo.
Frederikka Wallis.
"The Walnut Tree" Schumann
"Now Sleeps the Crimson Petal" Quilter (1)
Harry Corry.
"Port of Many Ships" "Salt-Water
"Trade Winds" Ballads" Keel
"Mother Carey")
- 4.30-5.0.—Interval.
- 5.0-5.30.—CHILDREN'S CORNER. *S.B. from Aberdeen.*
- 8.30. THE "5NO" CHORAL SOCIETY.
Conductor: R. C. PRATT.
"Spirit of Mercy, Truth and Love."
- 8.35.—The Rev. C. F. KNYVETT, Vicar of Benwell: Religious Address.
- 8.50. Choral Society.
"Come, Holy Ghost, Our Souls Inspire."
A. J. BULL (Solo Cello).
"Kol Nidrei" Bruch
"Serenade" Glazounov

- Choral Society.
"My True Love Hath My Heart" Smart (11)
"My Love Dwelt in a Northern Land" Elgar (11)
"It was a Lover and His Lass" T. Morley—1600, arr. Bridge (11)
OLIVE TOMLINSON (Solo Pianoforte).
Rhapsody in B Minor } Brahms
Intermezzo in A Flat }
Capriccio in B Minor }
- Choral Society.
"Sigh No More, Ladies" Stevens (11)
"Beware" West (11)
"A Love Symphony" Percy Pitt (11)
Olive Tomlinson and A. J. Bull.
Sonata in A Major, Op. 69 Beethoven
(a) Allegro ma non troppo; (b) Scherzo;
(c) Adagio; allegro.
- 10.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
Local News.
- 10.15.—Close down.
Announcer: E. L. Odhams.

ABERDEEN.

- 3.0.—ORGAN RECITAL. *S.B. from Glasgow.*
- 5.0-5.30.—CHILDREN'S CORNER. *S.B. to all Stations.*
- 8.30. MARIE SUTHERLAND (Solo Pianoforte).
Piano Concerto Tchaikovsky
(With Orchestral Accompaniment.)
- 9.0.—GREYFRIARS UNITED FREE CHURCH CHOIR: Hymn 123.
The Rev. W. CAMERON CLARKE, Greyfriars U.F. Church: Religious Address.
Choir: Hymn 300.
- 9.15. BURNET FARQUHAR (Solo Flute).
Concerto No. 1 for Flute Mozart
(With Orchestral Accompaniment.)
- 9.35.—R. E. JEFFREY: Another Bible Story, "Ruth and Naomi," with Orchestral Accompaniment.
- 10.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
Local News.
- 10.15. THE WIRELESS ORCHESTRA.
Overture, "Melusine" Mendelssohn
- 10.25.—Close down.
Announcer: W. D. Simpson.

GLASGOW.

"On Earth and Sea, Heaven's concords flow,
A Psalm to him who hears,
And e'er as listening souls will know,
Resounds throughout the spheres."
—W. J. Jenkins.

WAVE-LENGTHS AND CALL SIGNS.		
LONDON (2LO)	-	365 Metres
ABERDEEN (2BD)	-	495 "
BIRMINGHAM (5IT)	-	475 "
BOURNEMOUTH (6BM)	-	385 "
CARDIFF (5WA)	-	351 "
GLASGOW (5SC)	-	420 "
MANCHESTER (2ZY)	-	375 "
NEWCASTLE (5NO)	-	400 "
SHEFFIELD (6FL)	-	303 "
PLYMOUTH (5PY)	-	355 "
EDINBURGH (2EH)	-	325 "
LIVERPOOL (6LV)	-	-

- 3.0. **Organ Recital.**
S.B. to Aberdeen.
Relayed from Springburn Public Hall.
JOHN PULLEIN (Solo Organ), Organist of St. Mary's Cathedral.
Sonata in B Flat, No. 4 Mendelssohn
(1) Allegro con brio; (2) Andante religioso; (3) Allegretto; (4) Allegro maestoso e vivace.
Prelude }
Air } Samuel Wesley (11)
Gavotte }
Largo from "New World Symphony" Dvorak
- 3.25. ROBERT WATSON (Baritone).
"Droop Not, Young Lover" Handel (1)
"Come Not When I Am Dead" F. Allitsen
"Margaret" P. Allitsen
- 3.37. Organ.
Pastorale }
Musette } J. S. Bach
Fantasia and Fugue in C Minor }
- 3.58. Prelude }
Cortège } Debussy
Rhapsodie in A Minor, No. 3 Saint-Saëns
Angelus from "Scènes Pittoresques" Massenet (15)
- 4.18. Robert Watson.
"To His Mistress" Hubert S. Ryan
"The Prince of Muscovie" Hubert S. Ryan (5)
"Come and Trip It," M. Carmichael (5)
"False Phyllis" arr. Lane Wilson (1)
- 4.28. Organ.
Poco Allegro H. Purcell
Trumpet Tune and Air H. Purcell—1658-1695
Ronde Française Boellmann
Evening Song Bairstow
March, "Pomp and Circumstance" Elgar (1)
- 5.0-5.30.—CHILDREN'S CORNER. *S.B. from Aberdeen.*
- 8.30. "5SC'S" PSALMODY QUARTETTE.
Psalm 61 (1-4) (Tune 121 "Salzburg").
- 8.35.—The Rev. W. WHITE ANDERSON, M.C., M.A., of Bellahouston Parish Church: Religious Address.
- 8.50. "5SC'S" Psalmody Quartette.
Psalm 33 (1-5) (Tune 73 "Irish").
- 8.55. THE WIRELESS QUARTETTE.
Overture, "Marinarella" Pucini
Suite, "From the Samoan Isles" Geel (1)
- 9.17. DOUGLAS SHARPINGTON (Baritone).
"The Birds" H. H. Simpson (2)
"Since We Parted" F. Allitsen
- 9.27. Quartette.
Entr'actes: Minuet in F Logan
Siegfried's Love Song Wagner
- 9.35. Douglas Sharpington.
"Vagabond" J. Ireland
"Hope the Hornblower" J. Ireland (1)
- 9.45. Quartette.
Selection, "The Mastersingers" Wagner-Tavan
- 10.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
Local News.
- 10.15. Douglas Sharpington.
"Old Motherlaidin-Wool" Martin Shaw (2)
"Old Clothes and Fine Clothes" Martin Shaw
- 10.25. Quartette.
"Coronation March" Eilenberg
- 10.30.—Special Announcements. Close down.
Announcer: Herbert A. Carruthers.

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 449.

WIRELESS PROGRAMME—MONDAY (June 9th)

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

LONDON.

- 6.0—6.15.—Children's Letters.
- 6.15—6.45.—CHILDREN'S PARTY.
Dorothy Hildred (age 15), pianist.
Cora Wilcock (age 14), recitations.
Betty Hymans (age 12), songs.
Margaret Wellbeloved (age 8), recitations.
Dennis Hymans (age 14), pianist.
Reginald Coleman, songs.
- 6.45—6.55.—Boys' Brigade, Boys' Life Brigade, and Church Lads' Brigade Bulletins.
- 7.0.—TIME SIGNAL FROM BIG BEN, 1ST GENERAL NEWS BULLETIN and WEATHER FORECAST. *S.B. to all Stations.*
- JOHN STRACHEY (the B.B.C. Literary Critic): "Fortnightly Book Talk." *S.B. to all Stations.*
- Local News.
- 7.30—8.0.—Interval.
- 8.0.—"CARMEN," Act I. (*Bizet*), played by the British National Opera Company. Relayed from His Majesty's Theatre, London. *S.B. to other Stations.*
- 9.0 approx.—A Humorous Interlude by FODEN WILLIAMS, Entertainer. *S.B. to other Stations.*
- "CARMEN," Act II. *S.B. to other Stations.*
- 9.50.—Foden Williams in further Items from his Repertoire. *S.B. to other Stations.*
- 10.0.—TIME SIGNAL FROM GREENWICH, 2ND GENERAL NEWS BULLETIN and WEATHER FORECAST. *S.B. to all Stations.*
- Topical Talk. *S.B. to other Stations.*
- Local News.
- 10.30.—THE SAVOY ORPHEANS AND SAVOY HAVANA BANDS AND THE SELMA FOUR, relayed from The Savoy Hotel, London. *S.B. to other Stations.*
- 12.0.—Close down.
- Announcer: J. S. Dodgson.

BIRMINGHAM.

- 5.30—5.35.—Agricultural Weather Forecast.
- 5.35—6.30.—KIDDIES' CORNER.
- 6.30—6.45.—"Teens' Corner: Uncle Felix on "Naval History."
- 6.45—6.55.—Boys' Brigade, Boys' Life Brigade, and Church Lads' Brigade Bulletins.
- 7.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
- JOHN STRACHEY. *S.B. from London.*
- Local News.
- 7.30—8.0.—Interval.
- 8.0.—"CARMEN," Acts I and II. *S.B. from London.*
- 10.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
- Local News.
- 10.15.—ROBERT PITT AND LANGTON MARKS in Duets Up-to-Date.
- 10.30.—Major VALENTINE BAKER: Historical Travel Talk, "The Occupation of New Guinea, now known as the late Occupied Territory of British New Guinea."
- 10.45.—Robert Pitt and Langton Marks in Duets Topical and Tropical.
- 11.0.—THE SAVOY BANDS. *S.B. from London.*
- 12.0.—Close down.
- Announcer: A. Pelham.

BOURNEMOUTH.

- 3.45—5.15.—Grace Ivell and Vivian Worth (Two Singers and one Piano). Ernest Lush (Solo Pianoforte). Talks to Women.
- 5.15—6.0.—KIDDIES' HOUR.
- 6.0—6.10.—Boys' Brigade, Boys' Life Brigade and Church Lads' Brigade Bulletins.
- 6.15—6.45.—Scholars' Half-Hour. G. Guest, B.A., J.P., on "The Bad Old Times."
- 7.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
- JOHN STRACHEY. *S.B. from London.*
- Local News.
- 7.30—8.15.—Interval.
- 8.15 Bournemouth Municipal Orchestra.
Relayed from the Winter Gardens.
Musical Director, Sir DAN GODFREY.
"Marche Militaire" *Gounod*
Overture, "1812" *Tchaikovsky*
"Valse Triste" *Sibelius*
- 8.40. JOHN HUNTINGTON (Baritone).
"Annabel Lee" } *Martin Shaw*
"I Know a Bank" }
"Day Dreams" *Yvonne Sawyer*
- 8.50. ARTHUR MARSTON (Solo Pianoforte).
Nocturne in F Minor *Chopin*
- 8.55. CARMEN HILL (Mezzo-Soprano).
"The Three Fishers" *Hullah*
"Now Sleeps the Crimson Petal" *Quilter (1)*
"Go Not, Happy Day" *Bridge*
- 9.5. Arthur Marston.
"Automne" *Chaminade (5)*
- 9.10. John Huntington.
"The Devout Lover" } *M. V. White*
"How Do I Love Thee?" }
- 9.15. Carmen Hill.
"A Little Twilight Song" } *Clarke*
"A Bowl of Roses" }
"The Cuckoo" *Martin Shaw (2)*
(Charles Leeson, Accompanist.)
- 9.25. Orchestra.
Suite, "La Fera" *Lacome*
W. W. Bennett (Solo Xylophone).
Selected.
- Orchestra.
Pizzicato, "Elfland" *Barnett*
Selection, "Merrie England" *Ed. German*
- 10.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
- Topical Talk. *S.B. from London.*
- Local News.
- 10.30.—THE SAVOY BANDS. *S.B. from London.*
- 12.0.—Close down.
- Announcer: John H. Raymond.

CARDIFF.

- 3.0—4.0.—Falkman and his Orchestra, relayed from The Capitol Cinema.
- 5.0—6.30.—Orchestra: Light Programme. Gertrude Johnson (Soprano).
- 6.30—6.40.—Boys' Brigade, Boys' Life Brigade and Church Lads' Brigade Bulletins.
- 7.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
- JOHN STRACHEY. *S.B. from London.*
- Local News.

7.30—8.0.—Interval.

- 8.0—10.0.—"CARMEN," Acts I and II. *S.B. from London.*
- 10.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
- Topical Talk. *S.B. from London.*
- Local News.
- 10.30.—THE SAVOY BANDS. *S.B. from London.*
- 12.0.—Close down.
- Announcer: A. H. Goddard.

MANCHESTER.

- 2.30-3.0.—MAINLY FEMININE.
- 3.30-4.30.—Concert by the "2ZY" Quartette —assisted by T. Ayre (Tenor).
- 5.40—5.45.—Farmers' Weather Forecast.
- 5.45.—Children's Letters.
- 6.0.—CHILDREN'S CORNER.
- 6.30.—Boys' Brigade, Boys' Life Brigade and Church Lads' Brigade Bulletins.
- 6.35. FRANK BAILEY (Baritone).
"The Lute Player" *Alliteen*
"For You Alone" *Geehl*
JO LAMB (Solo Violin).
"Berceuse" *de Grassie*
"Caprice Viennois" *Kreiser*
Frank Bailey.
Songs, selected.
Jo Lamb.
"Melodie" *Gluck-Kreiser*
"Fugue in A" *Tartini-Kreiser*
- 7.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
- JOHN STRACHEY. *S.B. from London.*
- Local News.
- 7.30—7.45.—Interval.
- 7.45.—KEYBOARD KITTY at the piano.
- 8.0.—"CARMEN," Acts I and II. *S.B. from London.*
- 10.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
- Topical Talk. *S.B. from London.*
- Local News.
- 10.30.—THE SAVOY BANDS. *S.B. from London.*
- 12.0.—Close down.
- Announcer: V. H. Goldsmith.

NEWCASTLE.

- 3.45.—Concert: Claude Spencer (Baritone), Sybil Coulthurst (Soprano), George Wealians (Solo Violin).
- 4.45-5.15.—WOMEN'S HALF-HOUR: Weekly News Letter. Miss Agnes Strong on "Children's Poets."
- 5.15-6.0.—CHILDREN'S CORNER.
- 6.0-6.30.—Scholars' Half-Hour. M. T. E. Heslop, B.Sc., on "The Spectrum and some of its Wonders."

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 449.

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

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

6.30-6.40.—Boys' Brigade, Boys' Life Brigade and Church Lads' Brigade Bulletins.

6.45-6.50.—Farmers' Corner.

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

JOHN STRACHEY. *S.B. from London.*

Local News.

7.30-8.0.—Interval.

8.0.—"CARMEN," Acts I. and II. *S.B. from London.*

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

Local News.

10.15. ANDREW SHANKS (Baritone).
Song Recital.

10.45.—Close down.

Announcer: W. M. Shewen.

ABERDEEN.

3.30-3.45.—Dance Afternoon by the Wireless Quartette and Ada Abercromby (Contralto).

4.30-5.0.—WOMEN'S HALF-HOUR: Miss Shoebridge, "Tennis—How to Improve Your Game."

6.0-6.30.—Children's Half-Hour. Games Evening.

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

JOHN STRACHEY. *S.B. from London.*

Local News.

7.30-8.0.—Interval.

8.0.—Girl Guides' News Bulletin.
Boy Scouts' News Bulletin. Scoutmaster W. Veitch, "Week-end Hikes."

Everybody's Programme.

DOUGLAS SHARPINGTON (Baritone).

SYDNEY COLTHAM (Tenor).

A. M. SHINNIE (Entertainer).

8.30. THE WIRELESS ORCHESTRA.
Selection, "Florodora" Stuart

8.40. Douglas Sharpington.
"In an Old-Fashioned Town" ... Squire (1)
"A Smuggler's Song" Mullinar
"Jenny's Way" Willety (1)

8.50. A. M. Shinnie (Entertainer at the Piano).

9.0. Sydney Coltham.
"Sea Rapture" Eric Coates
"A Garden in Brittany" ... Gulliland (23)

9.10. Douglas Sharpington.
"Go, Lovely Rose" Roger Quilter
"O Mistress Mine" }
"Blow, Blow, Thou Winter Wind" } Roger Quilter (1)

9.15 (Approx).—"CARMEN," Act II. *S.B. from London.*

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

Topical Talk. *S.B. from London.*

Local News.

10.30. Douglas Sharpington.
"Ho, Jolly Jenkin" ("Ivanhoe") Sullivan
"Bois Epais" ("Amadis") A. L. (1)
"Loving Smile of Sister Kind" ("Faust")
Gounod

10.40. A. M. Shinnie (Entertainer at the Piano).

10.50. Sydney Coltham.
"The Faërie Song" ("The Immortal Hour") Boughton (14)
"L'Enfant Prodigue" Debussy

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

12.0.—Close down.

Announcer: W. D. Simpson.

GLASGOW.

3.30-4.30.—Popular Afternoon: The Wireless Quartette and William Gibson (Tenor).

4.45-5.15.—TOPICS FOR WOMEN. Topical Afternoon.

5.15-6.0.—THE CHILDREN'S CORNER.

6.0-6.5.—Weather Forecast for Farmers.

6.5-6.40.—Interval.

6.40-6.50.—Boys' Brigade, Boys' Life Brigade and Church Lads' Brigade Bulletins.

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

JOHN STRACHEY. *S.B. from London.*

Local News.

7.30-7.40.—Interval.

7.40.—Professor MARTIN of the University of Glasgow, on "French Literature."

"Music is in all growing things,
And underneath the silky wings
Of smallest insects there is stirred
A pulse of air that must be heard;
Earth's silence lives, and throbs, and
sings."—Lathrop.

8.0.—"CARMEN," Acts I. and II. *S.B. from London.*

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

Local News.

10.15. R. I. STEPHENSON, B.A.,
in a Humorous Spasm.

"The Valve of Education."

"I do Like an Egg for My Tea." (7)

10.25. NAN. R. SCOTT (Elocutionist).

"Helen of Kirkconnel" }
"The Demon Lovers" } Old Scots Ballads.

10.35. R. I. Stephenson has a Second Attack.

"Some Politician."

"4-lb. Assorted" (Original Mixture).

10.45. Nan R. Scott.

"They Closed Her Eyes" John

"I Went Into the Fields" } Masefield.

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

12.0.—Close down.

Announcer: Herbert A. Carruthers.

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 443.

EVENTS OF THE WEEK.

SUNDAY, JUNE 8th.

LONDON, 3.0.—Band of H.M. Royal Air Force.

LONDON, 8.15.—Religious Service relayed from St. Martin-in-the-Fields.

LONDON, 9.0.—De Groot and The Piccadilly Orchestra.

BIRMINGHAM, 9.0.—Symphony Concert.

CARDIFF, 8.0.—Spanish Night.

BOURNEMOUTH, 3.0.—Band of 10th Hussars relayed from South Parade Pier, Southsea.

MONDAY, JUNE 9th.

LONDON, 8.0.—"Carmen," Acts I. and II. (Bizet), relayed from His Majesty's Theatre. *S.B. to other Stations.*

BOURNEMOUTH, 8.15.—Concert by the Bournemouth Municipal Orchestra (Director of Music, Sir Dan Godfrey), relayed from the Winter Gardens.

TUESDAY, JUNE 10th.

LONDON, 8.0.—Love Scenes from Famous Operas. *S.B. to other Stations.*

ABERDEEN, 8.30.—Classical Night.

WEDNESDAY, JUNE 11th.

LONDON, 8.0.—Edward German Night. *S.B. to other Stations.*

LIVERPOOL, 9.0.—Speeches delivered on the occasion of the Opening of the B.B.C.'s Liverpool Relay Station. *S.B. to all Stations.*

THURSDAY, JUNE 12th.

NEWCASTLE, 8.0.—Italian Opera Night.

BOURNEMOUTH, 8.30.—Concert Party Programme relayed from South Parade Pier, Southsea.

ABERDEEN, 8.45.—An Hour with Charles Kingsley.

FRIDAY, JUNE 13th.

LONDON, 7.45.—"Tannhäuser," Act I. (Wagner), relayed from His Majesty's Theatre. *S.B. to all Stations.*

LONDON, 8.50.—Impressions of North Borneo.

CARDIFF, 8.50.—Development of the Dance.

MANCHESTER, 8.50.—Popular Symphony Concert, Conducted by Dan Godfrey, Junr.

BOURNEMOUTH, 8.50.—Schumann Night.

GLASGOW, 8.22.—Recital of French Musical Art from Lully to Debussy.

SATURDAY, JUNE 14th.

ABERDEEN, 8.30.—Operatic Night.

WIRELESS PROGRAMME—TUESDAY (June 10th.)

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

LONDON.

1.0—2.0.—Time Signal from Big Ben. Concert: The Wireless Trio and Bessie Thompson (Soprano).

4.0—5.0.—Time Signal from Greenwich. Concert: "Books Worth Reading," by Jenny Wren. Organ and Orchestral Music relayed from the Shepherd's Bush Pavilion. Mrs. Gordon Stables on "Caravan Furnishings."

5.0—6.15.—Children's Letters.

6.15—6.45.—CHILDREN'S STORIES: Sabo Story: "The Bridge," by E. W. Lewis. "Treasure Island," Chap. 17, Part 1, by Robert Louis Stevenson. Songs by Marjory Booth (Contralto).

6.45—6.55.—Miss May Beeman on "Alexandra Day."

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

Mr. C. W. J. UNWIN, the famous Sweet-Pea Grower, on "Sweet-Peas." *S.B. to Glasgow and Aberdeen.*

Local News.

7.30—8.0.—Interval.

8.0.—Love Scenes From Famous Operas.

S.B. to other Stations.

PERCY PITT will conduct

THE AUGMENTED WIRELESS ORCHESTRA.

BEATRICE MIRANDA, GERTRUDE JOHNSON, JOHN PERRY, and HOBACE VINCENT (assisted by GLADYS PALMER) will render Love Duets from the following Operas:

"Romeo and Juliet"Gounod

"Boris Godounov"Moussorgsky

"La Bohème"Puccini

"Tristan and Isolde"Wagner

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

Local News.

Continuing the Concert, the same Artists will sing Duets from:

"Lohengrin"Wagner

"Madame Butterfly"Puccini

Some remarks on the Stories of the Operas will be made by the

Announcer: C. A. Lewis.

BIRMINGHAM.

3.30—4.30.—The Station Piano Quintette, Conducted by Frank Cantell.

4.30—5.0.—Agricultural Corner: G. C. Gough, B.Sc., of the Ministry of Agriculture.

5.0—5.30.—WOMEN'S CORNER: Leonard Dennis (Cello) and Nigel Dallaway (Piano).

5.30—5.35.—Agricultural Weather Forecast.

5.35—6.30.—KIDDIES' CORNER.

6.30—6.45.—"Teens' Corner: Cyril Midgley, B.Sc., F.R.G.S., on "Does Climate Change?"

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

Local News.

D. STANLEY FRANCIS on "Forestry."

7.30—8.0.—Interval.

8.0 onwards.—*The entire Programme S.B. from London.*

Announcer: A. Pelham.

BOURNEMOUTH.

1.45—5.15.—Constance Willis (Contralto). Ernest Lush (Solo Pianoforte).

THE ROYAL BATH HOTEL DANCE ORCHESTRA, relayed from King's Hall Rooms (Musical Director: DAVID S. LIFF). Herbert W. Fison on "The Funeral Procession of Queen Victoria—Elihu Jorkins' View of it."

5.15—6.15.—KIDDIES' HOUR.

6.15—6.45.—Scholars' Half-Hour: E. Povah on "Photography for Beginners—Things to Remember."

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

FRANK COWPER, M.A. (Oxon), on "Some of the Joys of Sailing and Cruising."

Local News.

7.30—8.0.—Interval.

8.0 onwards.—*The entire Programme S.B. from London.*

Announcer: John H. Raymond.

CARDIFF.

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

5.0—5.45.—"5WA'S" "FIVE O'CLOCKS": Vocal and Instrumental Artists. Talks to Women. Weather Forecast.

5.45—6.30.—THE HOUR OF THE "KIDDIE-WINKS."

6.30—6.45.—"How to Write—IV. Style and Diction," by Guy N. Pocock, M.A.

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

Local News.

7.15.—Mr. RICHARD TRESEDER, F.R.H.S., on "Gardening."

7.30—7.45.—Interval.

Welsh Music for Wembley.

7.45. Address upon and Illustrations of the Music to be performed in the "All Wales Week" at Wembley Exhibition.

Conducted and Directed by

Sir HENRY WALFORD DAVIES,

Mus.Doc., LL.D.,

Director of Music and Chairman of the National Council of Music, University of Wales.

AN HOUR'S ENTERTAINMENT.

Vocalist, Dr. F. HARRINGTON.

Entertainers,

ROBERT PITT and LANGTON MARKS.

THE STATION ORCHESTRA.

8.45. Orchestra.

March, "Sons of the Brave"Bidgood

"Two Little Dances"Finck

9.0. Songs.

"Love and Wine" ("Gipsy Love") Lehar

"Song of the Clock"Rex Burchell

9.10. Robert Pitt and Langton Marks will

Entertain.

9.20. Orchestra.

Selection, "Stop Flirting"Gershwin

9.30. Songs.

"A Smuggler's Song"Michael Mullinar

"The Bandolero"Leslie Stuart

9.40. Robert Pitt and Langton Marks will

Resume their Entertainment.

9.50. Orchestra.

"The Merrie Nigger"Squires

10.0.—NEWS and WEATHER FORECAST.

S.B. from London.

Local News.

10.15.—Close down.

Announcer: W. N. Settle.

MANCHESTER.

2.30—3.0.—MAINLY FEMININE.

3.30—4.30.—MOSES BARITZ on "The Development of Opera—(2) Mozart to Rossini."

5.40—5.45.—Farmers' Weather Forecast.

5.45—6.0.—Children's Letters.

6.0—6.30.—CHILDREN'S CORNER.

6.30—6.55. HAROLD DERBYSHIRE

(Baritone).

"Four Indian Love Lyrics"

Woodforde-Finden (1)

"Danny Boy"Weatherly (1)

"Sincerity"Emilie Clarke

"My Prayer"Squire (1)

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

Local News.

7.15.—Mr. D. WILSON on "Bees."

7.30—8.0.—Interval.

8.0 onwards.—*The entire Programme S.B. from London.*

Announcer: Victor Smythe.

NEWCASTLE.

3.45—4.45.—Concert: The Regent Trio.

4.45—5.15.—WOMEN'S HALF-HOUR: The Rev. Herbert Barnes on "Tom Hood," with Readings from his Poems.

5.15—6.0.—CHILDREN'S CORNER.

6.0—6.30.—Scholars' Half-Hour: The Rev. A. H. Robins on "English Social Pioneers—John Wesley."

6.45—6.50.—Farmers' Corner.

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

Local News.

7.15.—A B.B.C. Engineer on "Morse."

7.30. THE STATION ORCHESTRA.

Conductor: WILLIAM A. CROSSE.

Overture, "Orpheus in the Underworld"

Offenbach

Selection, "The Maid of the Mountains"

Simon

Waltz, "Where the Citrons Bloom" Strauss

Selection, "Lilac Time" Schubert-Ultsam

8.0 onwards.—*The entire Programme S.B. from London.*

Announcer: W. M. Shewen.

ABERDEEN.

3.30—4.30.—The Wireless Quartette and Mary Chalmers (Soprano).

4.30—5.0.—WOMEN'S HALF-HOUR: Miss Murray on "District Nursing."

5.45—6.30.—SUNSHINE CORNER FOR YOUNG AND OLD KIDDIES: Auntie Nelly brings her Party.

6.40—6.55.—Arthur Broadbent on "Bowling" (No. 7 of Cricket Series).

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

Mr. C. W. J. UNWIN. *S.B. from London.*

Local News.

7.30—8.0.—Interval.

8.0.—D. G. MUNRO, M.A., B.Sc., North of Scotland College of Agriculture, on "Crop Husbandry" (No. 1 of Series). Agricultural Notes.

Classical Night.

DOROTHY CHALMERS (Solo Violin).

ROBERT PARKER (Baritone).

MARIE SUTHERLAND (Solo Pianoforte).

8.30. THE WIRELESS ORCHESTRA.

Overture, "Carnaval Romain"Berlioz

8.45. Robert Parker.

Songs, Selected.

8.55. Dorothy Chalmers.

"Caprice Viennois"Kreider

"Slavonic Dance in G Minor"Dvorak

9.5. Orchestra.

Overture, "Euryanthe"Weber

9.15. Marie Sutherland.

"Basso Ostinato"Arensky

Nocturne in F Sharp }Chopin

Octave Study }Chopin

9.25. Robert Parker.

Songs, Selected.

9.35. Dorothy Chalmers.

Introduction and Rondo Capriccioso

Saint-Saëns

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 449.

Tuesday's Programmes.

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

- ABERDEEN:** *Continued from the facing page.*
- 9.50. Orchestra.
Praeludium *Jarnefelt*
Lament from "Keltic Suite" *Foulds*
- 10.0.—NEWS and WEATHER FORECAST.
S.B. from London.
Local News.
- 10.15. Dorothy Chalmers.
Waltz *Brahms-Hochstein*
Rondo in G Minor *Mozart*
- 10.25. Marie Sutherland.
Prelude in C Minor }
Prelude in F Minor } *Chopin*
Study on the Black Keys }
- 10.30. Robert Parker.
Songs, Selected.
- 10.40. Orchestra.
"Shepherd's Hey" }
"Irish Time from County Derry" } *Grainger (II)*
- 10.45.—Close down.
Announcer: H. J. McKee.

GLASGOW.

- 3.0-3.30.—Norman Austin's "Musical Moments" relayed from La Scala Picture House.
- 3.30-4.30.—The Wireless Quartette and Duncan Lamond (Baritone).
- 4.45-5.15.—TOPICS FOR WOMEN: J. R. Peddie, M.A., of Glasgow University, on "Holiday Reading."
- 5.15-6.0.—THE CHILDREN'S CORNER: Our Weekly Forty-five Minutes with the Smaller Children.
- 6.0-6.5.—Weather Forecast for Farmers.
- 7.0.—NEWS and WEATHER FORECAST.
S.B. from London.
Mr. C. W. J. UNWIN. *S.B. from London.*
Local News.
- 7.30-8.0.—Interval.
- 8.0.—Prof. B. S. RAIT, C.B.E., M.A., LL.D., on "Scottish History."
- Band Night.**
"Untwisting all the chains that tie
The hidden soul of harmony"—*Milton*
- 8.20. WINGATE'S TEMPERANCE BAND.
Conductor: H. MOSS.
Overture "Masaniello" *Auber*
Cornet Solo, "Arbucklelian" *Hartmann*
(Soloist: E. Farrington.)
March, "Avondale" *Verner*
- 8.43. SYDNEY COLTHAM (Tenor).
Song Cycle: "Songs of the Northern Hills"
Herbert Oliver (8)
(a) "Of the North I Sing"; (b) "Memory Song"; (c) "When the Snips Come Home"; (d) "Spring's on the Mountains."
- 8.55. Band.
Selection, "Samson and Delilah"
Saint-Saëns
"Praeludium" *Jarnefelt*
Incidental Music, "The Merchant of Venice" *Rosse*
(1) Prelude; (2) Intermezzo, "Portia";
(3) Oriental March; (4) Prelude No. 2;
(5) "Doge's March."
Waltz, "Amoretten-tänze" *Gung'l*
- 9.45. Sydney Coltham.
"Passing By" *Purcell*
"Madelina" *James*
"A Garden in Brittany" *Gulliland (23)*
- 10.0.—NEWS and WEATHER FORECAST.
S.B. from London.
Local News.
- 10.15. Band.
Selection, "Faust" *Gounod*
Euphonium Solo, "Robin Adair" *Hartmann*
Waltz, "Casino Tänze" *Gung'l*
Trombone Solo, "The Nightingale" *Moss*
Selection, "Rigoletto" *Verdi*
- 11.0.—Special Announcements. Close down.
Announcer: Herbert A. Carruthers.

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 445.

A Plant That Unites Society.

A Talk from Glasgow, by G. B. Luke.

LINEN thread is one of the products that have come down to us through remotest ages. Long before cotton, silk, or any other sewing fibre was discovered, linen thread was in common use. The vestments of the priests who served before the Ark of the Covenant were embroidered with fine linen, and there are numberless allusions to this in the Book of Leviticus.

This was at least three thousand years before Christ, and the mummies which have been discovered during the last century or so in Egypt are all swathed in linen cloth, sewn with linen thread.

The allusions to flax and linen in the Bible can easily be discovered by reference to Cruden's *Concordance*, and, as a parallel in the present day, the beautiful vestments which are to be seen in the numberless vestries in St. Peter's, Rome, are linen, embroidered in the most *recherché* style with linen thread, beautiful to behold, marvellous in their whiteness and of resplendent design.

The Strongest Fibre Known.

Nowadays, however, there are more common uses than those which belong to the sacerdotal cult. Linen thread is like the air we breathe—it is all about us and yet is not seen. The boots we wear, if they have any pretensions whatever to quality, are sewn with linen thread—a substance made of the strongest fibre known to man, and the least elastic.

Stern and unyielding, linen thread may be said to hold together society, for what could man do without clothing? Our police are clad in garments sewn with it; the uniforms of our soldiers likewise. Saddlery, harness and books are all held together by this subtle cement called linen thread—unbreakable and capable of the hardest wear.

Precious During the War.

Then, during the war, linen thread was so precious that the British Government forbade the sale of it without a licence, because so much of it was required for sewing ammunition bags, tarpaulin covers, uniforms, masks, and all the many articles used in war, and the production of flax was so important that the Government spent millions in promoting it, solely for the purpose of sewing the various requisites of war.

What, then, is linen thread? It is the product of manufactured flax. The flax plant is the straw of the plant which gives, as its seed, linseed. It grows in somewhat the same way as oats or wheat, with a blue flower, which, in time, produces a boll containing seed. The flax plant is pulled by hand after the seed has been removed, and the plant is then subjected to a process which is called retting, whereby everything that is not fibre in the plant is rendered loose and may be removed by a process of beating.

Many Processes.

The residue is then pure fibre, and is called flax. This is combed or hackled, and subjected to various processes of drawing, roughing, spinning and twisting; after which, it becomes grey thread—grey being the natural colour of the fibre. This twist is then bleached or dyed, finished, and put on to skeins, spools or balls, or whatever fashion the thread is intended to be sold in.

Flax is now extensively grown for fibre in Belgium, Northern Ireland, France, Holland and Russia. For many years the quantity of flax grown in the latter country exceeded all the others put together; but it has fallen off enormously under the new conditions there,

and just at the moment there is a very great scarcity of raw material, with the result that to-day the price of flax is probably from three to four times what it was before the war.

The uses to which flax is put cover a very wide range. Linen fishing nets are very largely used where a great amount of strength is required with lightness, and also for very heavy nets where great strength and durability are essential.

It is also used for the sewing of boots. The manufacture of boots by machinery is an industry that has sprung into life within the last forty years. Formerly, boots were all hand-sewn with single shoe thread, made of flax. Now, they can be made infinitely cheaper and sewn with machine flax sewing of the most durable character, and it is not too much to say that the machine-made boot is the finest product that can be obtained in the way of footwear.

Lasting Hundreds of Years.

Another point about flax is that, unlike other products which are used for embroidery, linen becomes brighter with each washing. Its lustre is improved and it is so lasting as to be almost indestructible. It therefore occurs that although the first cost of linen thread for embroidery and lace may be a little more than other products which are used for that purpose, the article which is manufactured from linen thread is of an intrinsic value which increases as time goes on, and there are authentic cases of lace lasting for many hundreds of years.

Linen yarn has been used for many centuries for the manufacture of napkins and tablecloths, and it is remarkable that the napery (for so the table and house linen is designated) of Professor Adam Smith, of "The Wealth of Nations" fame, who died in 1790, is still in existence.

The largest manufacturers of linen thread in this country are to be found in Scotland and Ireland. Thread is also made on an extensive scale in France; but, except for Great Britain, France and America, the quantity of linen thread manufactured is negligible.

NEWCASTLE'S KIDDIES' CAMP.

ON Wednesday, June 18th, the Newcastle Station has arranged to broadcast from the Town Hall a special concert which will be given in aid of the Annual Camp for the Poor Children of Newcastle. The concert is arranged under the auspices of the Newcastle Education Committee. Last summer some 321 Newcastle children spent a holiday in camp at Warkworth through the fund for which this concert is being held.

The whole proceeds from the concert will be given to the Camp Fund, and the artistes will include Mme. Elsie Downing, soprano; Robert Strangeways, baritone; Messrs. Charlton and Wright, entertainers; and Mr. Edward Lear, the well-known tenor of London.

TRANSMISSIONS OF OPERA.

LOVERS of opera should make note of the following important dates on which the B.B.C. will be broadcasting the performances of the British National Opera Company from His Majesty's Theatre, during June:—

- June 9th, "Carmen," Acts I. and II., 8 p.m.
June 13th, "Tannhäuser," Act I., 7.45 p.m.
June 17th, "Aida," Acts I. and II., 7.45 p.m.
June 19th, "Meistersingers," Act III., 10 p.m.
June 23rd, "Valkyrie," Act I., 7.30 p.m.
June 25th, "Aida," Acts III. and IV., 10 p.m.

WIRELESS PROGRAMME—WEDNESDAY (June 11th.)

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

LONDON.

- 4.0-6.0.—Time Signal from Greenwich. Concert: The Wireless Orchestra, conducted by Dan Godfrey, Junr., Programme of Light Music. John Collett (Tenor). "My Part of the Country," A. Bonnett Laird. "Holidaying in London," by Yvonne Cloud.
- 6.0-6.15.—Children's Letters.
- 6.15-6.45.—CHILDREN'S STORIES: Uncle Jeff's Musical Talk. The Orchestra.
- 7.0.—TIME SIGNAL FROM BIG BEN, 1ST GENERAL NEWS BULLETIN and WEATHER FORECAST. *S.B. to all Stations.*
- Mr. CHARLES H. BUTLER: A Talk to Men.
- Local News.
- 7.30-8.0.—Interval.

8.0. Edward German Night.

S.B. to other Stations.

FREDERIC LAKE (Tenor).

JOHN HENRY (Entertainer).

THE AUGMENTED WIRELESS ORCHESTRA.

Conducted by DAN GODFREY, Junr.

Coronation March(11)

Overture, "Neil Gwyn."

Tenor Songs.

"A Sprig of Rosemary" } "A Princess of

"Where Haven Lies" } Kensington."

The Orchestra.

Suite, "The Tempter"(11)

JOHN HENRY on "Music."

The Orchestra.

Selection, "A Princess of Kensington."

- 9.0.—Speeches delivered on the occasion of the Opening of the B.B.C.'s Liverpool Relay Station. *S.B. from Liverpool.*

9.30. EDWARD GERMAN PROGRAMME

(Continued).

The Orchestra.

"Valse Gracieuse."

Tenor Songs,

"Sea Lullaby."

"The English Rose" ("Merrie England").

The Orchestra.

Three Dances, "Tom Jones."

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

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

Sir HERBERT AMES, Kt., Financial Director of The League of Nations, on "The Finances of the League of Nations." *S.B. to other Stations.*

Local News.

- 10.35.—THE SAVOY ORPHEANS AND SAVOY HAVANA BANDS, relayed from the Savoy Hotel, London. *S.B. to other Stations.*

11.30.—Close down.

Announcer: R. F. Palmer.

BIRMINGHAM.

- 3.30-4.30.—Lozells Picture House Orchestra, Conducted by Paul Rimmer.
- 5.0-5.30.—WOMEN'S CORNER: S. Scott Whitehouse on "The Cutting of a Music Roll."
- 5.30-5.35.—Agricultural Weather Forecast.
- 5.35-6.30.—KIDDIES' CORNER.
- 6.30-6.55.—Teens' Corner: Frank Jones on "Brummagem English."
- 7.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
- Local News.
- 7.15-8.0.—Interval.

8.0. MYSTERY PROGRAMME.

In this Programme the Orchestra will play certain Classical and Popular Items, all of a tuneful character. Singers will also appear, but in no case will the piece or the performer be mentioned. Listeners are requested to write in giving names and titles of any recognized performers or items, and into what categories such items should be placed.

- 9.0.—Speeches delivered on the occasion of the Opening of the B.B.C.'s Liverpool Relay Station. *S.B. from Liverpool.*

9.30.—Mystery Programme (Continued).

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

Sir HERBERT AMES. *S.B. from London.*

Local News.

- 10.35.—THE SAVOY BANDS. *S.B. from London.*

11.30.—Close down.

Announcer: A. Pelham.

BOURNEMOUTH.

- 3.45-5.15.—Annette M. Blackwell (Soprano). Bournemouth Post Office Military Band (Conductor, Edward L. Green). Talks to Women.

5.15-6.15.—KIDDIES' HOUR.

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

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

Local News.

Miss D. STANFORD on "Experiences on the Trans-Siberian Railway during the Czech Evacuation—Life on a Refugee Train."

7.30-8.30.—Interval.

Variety Night.

- 8.30. THE WIRELESS ORCHESTRA.

Conductor, Capt. W. A. Featherstone.

March, "Paris"Mezzacapo

Waltz, "Bournemouth Calling"

Featherstone

"An Irish Dance"Ansell

- 9.0.—Speeches delivered on the occasion of the Opening of the B.B.C.'s Liverpool Relay Station. *S.B. from Liverpool.*

- 9.30. PITT AND MARKS (Entertainers).

Duets Up-to-Date.

- 9.45. Orchestra.

Suite, "Almond Eye"Rosse

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

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

Sir HERBERT AMES. *S.B. from London.*

Local News.

- 10.35. Curtain Music.

A Sketch.

"The Man on the Kerb"

(Sutro).

J. WILSON CLARIDGE AND

KATHLEEN WELLS.

Curtain Music.

- 10.50. Pitt and Marks.

Duets Topical and Tropical.

- 11.5. Orchestra.

Selection, "A Southern Maid" ...Simson

11.15.—Close down.

Announcer: John H. Raymond.

CARDIFF.

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

- 5.0-5.45.—"5WA'S" "FIVE O'CLOCKS": Vocal and Instrumental Artistes. Talks to Women. The Station Orchestra. Weather Forecast.

- 5.45-6.30.—THE HOUR OF THE "KIDDIE WINKS."

- 6.30-6.45.—"How to Draw" (IV.), by an Artist.

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

Local News.

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

7.30-8.0.—Interval.

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

Announcer: A. H. Goddard.

MANCHESTER.

- 2.30-3.0.—MAINLY FEMININE.

- 3.30-4.30.—Concert by Bessie Williamson (Soprano), Mary Roscoe (Contralto), Ernest Hargreaves (Tenor), Harold Ennion (Baritone), Seiriol Forde (Elocutionist), M. Mellor (Lancashire Dialect Entertainer).

- 5.40-5.45.—Farmers' Weather Forecast.

- 5.45-6.0.—Children's Letters.

- 6.0-6.30.—CHILDREN'S CORNER.

- 6.30-6.55.—GERTRUDE JOHNSON (Soprano): Song Recital.

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

Mr. SPURLEY HEY, M.A., Director of Education, Manchester City.

Local News.

- 7.30-8.0.—Interval.

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

Announcer: Victor Smythe.

NEWCASTLE.

- 3.45-4.45.—Concert by The Station Light Orchestra.

- 4.45-5.15.—WOMEN'S HALF-HOUR: Mrs. Waddell on "Dr. John Brown of Edinburgh." Isabel Spence (Soprano).

- 5.15-6.0.—CHILDREN'S CORNER.

- 6.0-6.30.—Scholars' Half-Hour. Mr. W. Carr, B.Sc., Topical Science Talk.

- 6.35-6.50.—Farmers' Corner: Professor Gilchrist, "Seasonable Notes."

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

Local News.

- 7.15.—Mr. A. ATKINSON on "Glass Painting."

- 7.35. SYDNEY COLTHAM (Tenor):

"Go, Lovely Rose"Quilter

"A Banjo Song"Holmes

"Westward Ho"Bullock (2)

"A Garden in Brittany"Gulliland (23)

"At Dawning"Cadman (1)

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

Announcer: W. M. Shewen.

ABERDEEN.

- 3.30-4.30.—Instrumental Solo Afternoon by Nancy Lee and William Bennet (Violinists), Burnet Farquhar (Flautist), Maris Sutherland (Pianist).

- 4.30-5.0.—WOMEN'S HALF-HOUR: Miss E. F. Moffat on "The Place of Physical Education in Everyday Life."

- 6.0-6.30.—CHILDREN'S HALF-HOUR: Nature Corner: Miss Creeth on "Wild Flowers and their Wonderful Ways."

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

Local News.

- 7.15.—Councillor GEORGE ROBERTS, Convener of the Links and Parks Committee, "The Story of our Public Parks."

7.30-8.0.—Interval.

- 8.0.—CHARLES DAVIDSON, M.A., Aberdeen University: First Lecture on Spanish.

Popular Night.

R. I. STEPHENSON, B.A. (Entertainer).

SUNNYBANK SCHOOL CHOIR.

Conductor: GEO. CROOKSHANKS.

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 449.

Wednesday's Programmes.

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

- ABERDEEN:** *Continued from the facing page.*
- 8.30. **THE WIRELESS JAZZ ORCHESTRA.**
Fox-trot, "A Smile Will Go a Long, Long Way" (6); One-step, "Dance Your Shoes Away" (19).
- 8.40. **Choir.**
Chorus, "Let's Seek the Bower of Robin-hood" *Shield*
Song, "Night" *Franz*
(Soloist: Nancy Carnegie.)
Chorus, "Flow Gently, Sweet Afton" *Old Setting*
Song, "Leave Me Bewailing" *Handel*
(Soloist: Ella Sutherland.)
Unison Song, "The Lass With the Delicate Air" *Arne* (11)
Chorus, "At Early Dawn" *Ireland* (11)
Song and Chorus, "The Piper o' Dundee" *arr. Lees*
(Soloist: A. Youngson.)
- 9.0.—Speeches delivered on the occasion of the opening of the B.B.C.'s Liverpool Relay Station. *S.B. from Liverpool.*
- 9.30. **Choir.**
Chorus (Canon), "Hark to the Echoes" *Piccinni*
Chorus, "Ca the Yowes to the Knowes" *Traditional*
Song, "May Dew" *Bennett*
(Soloist: Nancy Carnegie.)
Chorus, "Widow Carey's Evening Party" *Irish Air*
- 9.40. **R. I. Stephenson.**
"I Do Like an Egg For My Tea" *Leo* (7)
"Reflections of a Golf Caddie" *Anon*
- 9.50. **Jazz Orchestra.**
Fox-trot, "And That's Not All"; One-step, "Darktown Jambouree"; Waltz, "Nellie Kelly, I Love You" (6).
- 10.0.—**NEWS and WEATHER FORECAST.**
S.B. from London.
Royal Horticultural Society Talk. *S.B. from London.*
Sir HERBERT AMES. *S.B. from London.*
Local News.
- 10.35. **Jazz Orchestra.**
"Students' Lancers" (15)
- 10.40. **R. I. Stephenson.**
"Some Politician" *Stephenson*
- 10.50. **Jazz Orchestra.**
"Eightsome Reel" *Kerr*
- 11.0.—Close down.
Announcer: A. M. Shinnie.

GLASGOW.

- 3.30-4.30.—Classical Afternoon by the Wireless Quartette.
- 4.45-5.15.—**TOPICS FOR WOMEN:** Gossip and Music.
- 5.15-6.0.—**THE CHILDREN'S CORNER:** "5SC'S" Stamp Uncle will chat to the Children.
- 6.0-6.5.—Weather Forecast for Farmers.
- 6.15-6.30.—Weekly Morse Code Lesson by Uncle Leslie.
- 7.0.—**NEWS and WEATHER FORECAST.**
S.B. from London.
PERCY GORDON, Mus.Bac., L.R.A.M., on "Why and What is Music."
Local News.
- 7.30-8.0.—Interval.
- 8.0-10.0.—*Programme S.B. from London.*
- 10.0.—**NEWS and WEATHER FORECAST.**
S.B. from London.
Local News.
- 10.15.—**ROBERT PARKER** (Baritone) in items from his repertoire.
- 10.45.—**THE SAVOY BANDS.** *S.B. from London.*
- 11.30.—Close down.
Announcer: Herbert A. Carruthers.

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

Money From Rubbish.

A Talk from London, by E. Thornton Cook.

ALTHOUGH houses are few and hard to come by, should we like to return to the days of our great-great-grandfathers? Then, every man erected his own dwelling where he would; there was no building line nor legal width of road. As a result, projecting houses sometimes almost met at the top, and in wet weather, since gutters were unknown, water poured off unchecked upon the heads of pedestrians as they picked their way along unpaved roads between deep muddy holes and pyramids of garbage.

It is a far cry from those days to these, when, acting on the principle that "dirt" is "only matter in the wrong place," the most progressive of our city fathers (and mothers) have established salvage depots to which all the rubbish collected from our houses goes to be sorted and turned into money.

Tin at Two Pounds a Ton.

Have you ever wondered what happens to your old tins and bottles? Do you know that even your potato peelings are of value? They are. Tin collected from salvage depots fetches two pounds a ton. Waste paper is worth a similar amount, while the very dirt blown off, or washed, from general refuse is sold as a product for chemical manure!

I have been to one salvage depot and seen the whole process. When the dust carts enter, loaded to the brim, as we are accustomed to see them jolting through our streets, they pass on to a weighbridge, then discharge their cargo of household rubbish into a giant receiving hopper. Anything very large, such as a decrepit bedstead or wire mattress, is flung aside, to be dealt with separately. All else passes through a kind of strainer (officially called a "grid") and is

fed on to a wide belt travelling on this towards the roof of the high building.

Men stand at intervals on each side of the belt spreading out the rubbish and picking off— one, bones; another, bottles; and a third rags; for these are sold separately. They are dropped through shutes to convenient receptacles, whence they are sold to various factories with which contracts have been arranged. Tins are allowed to travel higher to a spot where they are magnetically drawn round the belt, when, being on the under side, they ultimately fall off and descend of their own volition to the appointed spot, where they await a process of flattening, and are then done up in bales.

Meanwhile, the rest of the material has passed from the belt into a revolving drum (all except the paper), where it is separated automatically by being whirled round through a series of perforated screens and is washed! The water is finally strained, as even the residue from it has a money value! Builders buy clinkers, chemists the dust, or rather, cinders, after fire has destroyed what is unsaleable in any other form.

Old Paper Made New.

But to return to waste paper. Just before the rough rubbish passes into the revolving wheel to be sorted and washed, it encounters a draught, and naturally paper responds to this. It is sucked up into a huge suction pipe and blown along inside this pipe, being more or less cleaned in the process, until it tumbles into a vat, from which it drops on to a platform. Here it is compressed and wired into bales, each of which weighs two or three hundredweight. These are dropped over the platform to waiting lorries and are driven off to manufacturers, to re-emerge in the form of nice new millboard.

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.
10. Cecil Lennox and Co.
11. Novello and Co., Ltd.
12. Phillips and Page.
13. Reynolds and Co.
14. Stainer and Bell, Ltd.
15. Williams, Joseph, Ltd.
16. Cavendish Music Co.
17. The Anglo-French Music Company, Ltd.
18. Beal, Stuttard and Co., Ltd.
19. Dix, Ltd.
20. W. Paxton and Co, Ltd.
21. Warren and Phillips.
22. Reeder and Walsh.
23. West's, Ltd.
24. Forsyth Bros., Ltd.
25. The Stork Music Publishing Co.
26. Messrs. Larcine and Co., Ltd.
27. Duff, Stewart and Co., Ltd.
28. Wilford, Ltd.
29. Dolart and Co.

THE chief wireless Federal supervisor for the Middle West of the U.S.A. has ordered the dismantling for one year of an amateur station in St. Louis on the grounds that its owner not only "cluttered up the atmosphere with dots and dashes any time he chose," but also radiated impolite language.

Nightingales Calling!

Comments on the First Experiment.

THE first broadcasting of the song of the nightingale brought forth some interesting comments from various quarters. For instance, a writer in *The Times* foresees important developments.

"Wireless, helped by the gramophone," he says, "might do for the sounds of Nature what the camera has already done with conspicuous success for her actions. There ought to be an immense field for its ornithological employment; not only nightingales, but many other birds—in woods, on moors, or by foreshores—might be pressed to contribute to our nightly amusement."

"Even the insects," he adds, "might serve a turn; with the aid of a loud speaker the motions of the minutest sound-making apparatus might be magnified into a mighty noise."

According to *The Morning Post*: "The nightingale on the wireless with the 'buses passing by indefatigably outside is not the same bird as in the woods of Surrey. The bursts that come crowding through from the loud speaker are not those that descend in cascades from the full-leaved chestnuts, and the graceful larches. Still, there it was. The wonders of science had brought the nightingale to the Strand, a thing which had not happened probably for a couple of centuries."

The Evening Standard is facetious: "If the nightingale is to be a standing dish every spring, 210 had better hasten to provide an antidote. After this burst of heavenly song from a Surrey copse, they would do well to switch on the sound of an income-tax inspector rustling his new demand notes. That would help to keep us on the rails."

WIRELESS PROGRAMME—THURSDAY (June 12th.)

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

LONDON.

1.0-2.0.—Time Signal from Big Ben. The Week's Concert of new Gramophone Records.

4.0-5.0.—Time Signal from Greenwich. Concert: The Wireless Trio. Charles Germain (Humorist). "Japanese Inns," by L. M. Smith. "A Talk on Fashion," by Nora Shandon.

5.0-6.15.—Children's Letters.

6.15-6.45.—CHILDREN'S STORIES: "The Princess on the Glass Hill," Part 5, by Andrew Lang. A Trip Round the World—"Port of Spain." L.G.M. of the *Daily Mail* on "Queer Zoo Birds." Duets for violin and piano by Hetty Vallance (aged 14). Ronald Gourley (entertainer).

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

PERCY SCHOLES (the B.B.C. Music Critic): "The Fortnight's Music." *S.B. to all Stations.*

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

Local News.

7.35-8.0.—Interval.

Popular Programme.

VIVIAN WORTH and GRACE IVELL (Entertainers).

DOUGLAS SHARPINGTON (Baritone).

WALTER TODD (Comedian).

THE WIRELESS ORCHESTRA.

Conducted by DAN GODFREY, Junr.

March, "The London Scottish" .. *Haines*
Overture, "Marinarella" .. *Fucik*
Waltz, "Thoughts" .. *Ancliffe*
Suite, "A Day in Naples" .. *Byng*

Baritone Songs:

"The Sailor's Life" (Old English).

"The Pretty Creature" *arr. Lane Wilson (1)*

Vivian Worth and Grace Ivell.

Two Voices and a Piano in Items from their Repertoire.

The Orchestra.

Selection, "Stop Flirting" .. *Gershwin*
Nigger Sketch, "Down South" .. *Mytilleton*
Patrol, "The B'hoys of Tipperary" .. *Amera*
Three Dream Dances .. *Coleridge-Taylor (1)*

Walter Todd will Entertain.

Baritone Songs:

"A Frivolous Ballad" .. *Slater (8)*

"The Song of the Road" (with Orchestra) .. *Geoffrey Stanton*

The Orchestra.

Selection, "The Cabaret Girl" .. *Kern*

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

Mr. E. LE BRETON MARTIN on "Poets and Cuckoos." *S.B. to other Stations.*

Local News.

10.30. The Orchestra.

One-step, "The Coon Band Contest" .. *Pryor*

Walter Todd at it again.

Vivian Worth and Grace Ivell will Entertain.

The Orchestra.

Fox-trots ("It's You" .. *Covrad*
"Gigolette" .. *Lchar (6)*)

11.0.—Close down.

Announcer: J. S. Dodgson.

BIRMINGHAM.

3.30-4.30.—Station Piano Quintette, Conducted by Frank Cantell.

5.0-5.30.—WOMEN'S CORNER: W. T. Beeston, F.L.A., Literary Talk: "More English Humorists."

5.30-5.35.—Agricultural Weather Forecast.

5.35-6.30.—KIDDIES' CORNER.

6.30-6.55.—Teens' Corner: W. T. Beeston, F.L.A., on "Books to Read."

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

PERCY SCHOLES. *S.B. from London.*

Radio Society Talk. *S.B. from London.*

Local News.

7.35-8.0.—Interval.

Concert Party Programme.

8.0. THE PACK-OF-CARDS CONCERT PARTY.

Directed by J. HORACE POTTER.

"Our Wireless Opening Chorus"

Potter and Jukes

"A Slight Diversion by Three Brigands"

Gallahly (16)

The Queen sings:—

(a) "The Flutes of Arcady" .. *James*

(b) "The Songster" .. *Potter and Jukes*

"The Miner's Story," recounted by the Joker .. *Grey (13)*

"An Up-to-Date Alphabet"

Potter and Jukes

"The Ace of Spades is a Long Way from Home" .. *McBeith*

A Musical Scene, "The Coffee Stall"

Cliff (7)

"Les Mois d'Année No. 8," played by the Ace of Diamonds .. *Tchaikovsky*

"An Interruption by the Ace of Clubs."

Songs by the Ace of Hearts:—

(a) "A Little Hand" .. *Hawthorn*

(b) "Twin Flames" .. *Gould*

"Our Topical Budget No. 2"

Potter and Jukes

A Futuristic Flutter, "The Year 1942"

Potter and Jukes

(a) The Railway Station.

(b) The Very Mellow Drama.

The Ace of Hearts goes "Riding Through the Night" .. *Breville-Smith (1)*

"An Impromptu Duet—More or Less"

Willcock (13)

"Trot Here and There," sung by the Queen and the Ace of Hearts .. *Messenger*

A Musical Snowball, "Furnishing a House"

Gallahly (16)

The Queen will sing "Anerella" .. *Winne*

The Joker presents a Humorous Interlude.

A Rustic Reverie, "Two Little Mushrooms," presented by the Queen and the Ace of Clubs .. *Potter and Jukes*

An Intrusion by Father Time brings our Finale .. *Potter and Juke,*

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.

"The Radio Times," the official organ of the British Broadcasting Company, Ltd., is concerned solely with broadcasting programmes and the technical problems relating to their transmission.

"RADIO TIMES" READING CASE.

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

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

Local News.

Major VERNON BROOK, M.I.A.E., on

"Motors and Motoring."

10.30.—CONSTANCE WILLIS (Contralto) in a short Song Recital.

11.0.—Close down.

Announcer: A. Felham.

BOURNEMOUTH.

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

5.15-6.15.—KIDDIES' HOUR.

6.15-6.45.—Scholars' Half-Hour: M. C. Sharpe, M.A., "Arthur and the Round Table."

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

PERCY SCHOLES. *S.B. from London.*

Radio Society Talk. *S.B. from London.*

Local News.

7.35-8.30.—Interval.

"South Parade Pier, Southsea, and John Henry."

8.30. Concert by

THE "MOONFOLK" VAUDEVILLE

COMPANY.

Relayed from the South Parade Pier, Southsea.

9.0. Humorous Interludes by

JOHN HENRY and BLOSSOM,

from "6BM" Studio.

9.15.—Concert by The "Moonfolk" Vaudeville Company (Contd.).

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

Mr. E. LE BRETON MARTIN. *S.B. from London.*

Local News.

10.30. John Henry and Blossom.

10.45.—Close down.

Announcer: John H. Raymond.

CARDIFF.

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

5.0-5.45.—"5WA'S" "FIVE O'CLOCKS": Vocal and Instrumental Artistes, including Carmen Hill. Talks to Women. Weather Forecast.

5.45-6.30.—THE HOUR OF THE "KIDDIE-WINKS."

6.30-6.45.—"Suggestions on the Appreciation of Music—(III.) A Talk about some Typical Melodies," by Frederick Nicholls.

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

PERCY SCHOLES. *S.B. from London.*

Radio Society Talk. *S.B. from London.*

Local News.

7.35-8.0.—Interval.

8.0.

The Magic Carpet—XIV.

AN ADVENTUROUS FLIGHT IN THE HIMALAYA.

Pilot, Sir FRANCIS YOUNGHUSBAND, K.C.S.I., K.C.L.E. Comrades are invited to be ready for the journey at 8.0 precisely: the Carpet will finish its Flight at 9.30. p.m.

A singer, CARMEN HILL (Soprano) and THE STATION ORCHESTRA will accompany the party.

Next Wednesday: A Flight to New Zealand.

9.30. Orchestra.

Selection, "Girl of the Golden West"

Puccini

Peer Gynt Suite, No. I. *Grieg*

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 449.

WIRELESS PROGRAMME—FRIDAY (June 13th.)

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

LONDON.

- 1.0-2.0.—Time Signal from Big Ben. Concert: The Wireless Trio and H. Temple Wickham (Tenor).
- 4.0-5.0.—Time Signal from Greenwich. Concert: "The Lure of Ascot," by Ella MacMahon. Organ and Orchestral Music relayed from the Shepherd's Bush Pavilion. "Continental Fashions in Food," by Elise Sprott.
- 6.0-6.15.—Children's Letters.
- 6.15-7.0.—CHILDREN'S STORIES: "Treasure Island," Chap. 17, Part 2, by Robert Louis Stevenson. Uncle Jack Frost's Wireless Yarn.
- 7.0.—TIME SIGNAL FROM BIG BEN, 1ST GENERAL NEWS BULLETIN and WEATHER FORECAST. *S.B. to all Stations.*
Professor A. J. IRELAND: "Episodes in the History of England—The Death of King Henry I." *S.B. to other Stations.*
Local News.
- 7.30-7.45.—Interval.
- 7.45.—"TANNHAUSER," Act I. (*Wagner*), performed by the British National Opera Company, relayed from His Majesty's Theatre, London. *S.B. to all Stations.*
- 8.50. Impressions of British North Borneo, (Musical and Otherwise), by WILLIAM J. WORTH.
A description of the situation, characteristics, fauna and flora of British North Borneo, and of its inhabitants and their habits; with illustrations of Native Music given on original instruments including the Sumpotan, Mouth Flute, Nose Flute, Long Guitar, Gulintan, Jews' Harp, Xylophone, Gong and Gulintangan.
Songs based on Borneo rhythms sung by WALTER MASON (Tenor).
- 9.20. THE LONDON MALE VOICE OCTETTE.
In a programme of selected Traditional and Popular Tunes and Songs of the Sea.
Descriptive Notes given by HERBERT W. PIERCE.
Manx Traditional Tune, "Mammin Veen" *arr. Vaughan-Williams* (2)
Traditional Tune, "I Cannot Eat but Little Meat" *arr. Martin Shaw* (2)
Irish Tune, "The Snowy-Breasted Pearl"
Popular Tune, "Come Back to Erin" *arr. Percy Fletcher* (2)
Solo and Chorus, "The Little Admiral" (from "Songs of the Fleet")
Sir Charles Starford (1)
(Soloist: Douglas Galer.)
Sailor Shanties, (a) "Heave Away"; (b) "Shenandoah" *arr. Martin Shaw* (14)
Old Tune, "The Merchant Ship" *arr. Martin Shaw* (2)
North Country Folk Tune, "Bobby Shaftoe" *arr. Whitaker* (14)
Old English Tune, "The Arethusa" *Shield, arr. Jephson* (11)
- 10.0.—TIME SIGNAL FROM GREENWICH, 2ND GENERAL NEWS BULLETIN and WEATHER FORECAST. *S.B. to all Stations.*
Topical Talk. *S.B. to other Stations.*
Local News.
- 10.30.—"US" (Just Pierrots) will give you a jolly time.
ELSIE ANDERSON Soprano
AMY DENNETT Soubrette
SYDNEY STOCKER Baritone
SAM CLARE Light Comedian
GEORGE LUMB Comedian
LILIAN FLOWERS At the Piano
- 11.0.—Close down.
Announcer: J. G. Broadbent.

BIRMINGHAM.

- 3.30-4.30.—Lozells Picture House Orchestra, Directed by Paul Rimmer.
- 5.0-5.30.—WOMEN'S CORNER: Lady Brookes, C.B.E., on "Guiding."
- 5.30-5.35.—Agricultural Weather Forecast.
- 5.35-6.30.—KIDDIES' CORNER.
- 6.30-6.55.—Teens' Corner: R. Thibault, French Talk: "Bonaparte devenu Napoleon I."
- 7.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
Local News.
- 7.15-7.45.—Interval.
- 7.45.—"TANNHAUSER," Act I. *S.B. from London.*
- 8.50. Request Programme.
SYDNEY COLTHAM (Tenor).
"Sea Rapture" *Coates*
"The Faerie Song" *Broughton* (14)
"Phyllis Has Such Charming Graces" *Young, arr. Wilson* (1)
"O Vision Entrancing" ("Esmeralda") *Goring-Thomas* (1)
- 9.0.—Lieut. A. E. SPRY (of the British and Foreign Sailors' Society), on "Al at Lloyd's."
- 9.15.—HERBERT ALDRIDGE (Dramatic Recitals).
"In Bethnal Green" *Coulson*
"It's a Funny Old World We Live In" *Kendal*
"Smile" *Huyes*
- 9.30. THE STATION ORCHESTRA.
Request Items.
- 10.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
Local News.
- 10.15. Sydney Coltham.
"To Mary" *White* (1)
"At Dawning" *Codman* (1)
"Passing By" *Purcell*
"Westward Ho" ("Dogs of Devon") *Bullock* (2)
- 10.30. Orchestra.
Request Items.
- 11.0.—Close down.
Announcer: A. Pelham.
- ## BOURNEMOUTH.
- 3.30-4.0.—Educational Talk: C. E. HODGES on "The Glamour of the East."
- 4.0-5.15.—Frederick Senior's Trio. J. W. Beauchamp (Violinist); John Finlayson (Cellist); Frederick Senior (Pianist). Talks to Women.
- 5.15-6.15.—KIDDIES' HOUR.
- 6.15-6.45.—Scholars' Half-Hour: N. B. Miskin. "By a River Bank."
- 7.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
Prof. A. J. IRELAND. *S.B. from London.*
Local News.
- 7.30-7.45.—Interval.
- 7.45.—"TANNHAUSER," Act I. *S.B. from London.*
- Schumann Night.
- 8.50. THE WIRELESS AUGMENTED ORCHESTRA.
Conductor, Capt. W. A. FEATHERSTONE.
Overture, "Manfred."
- 9.0. JOHN COLLINSON (Tenor).
"Dichterliebe" (1)
(a) "Love's Tears"; (b) "The Rose and the Lily"; (c) "A May Song"; (d) "I Will Not Grieve"; (e) "Love's Whisper"; (f) "In Summer."

- 9.15. Orchestra.
First and Second Movements, Symphony in D Minor.
- 9.35. ASTRA DESMOND (Contralto),
Singing in German.
"Er, der Herrlichste von Allen."
"In der Fremde."
"Intermezzo."
"Widmung."
- 9.45. Orchestra.
Third Movement, Symphony in D Minor.
- 10.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
Topical Talk. *S.B. from London.*
Local News.
- 10.30. John Collinson.
"Songs of Love" (1)
(a) "The Almond Tree"; (b) "Why Should I Wander?"; (c) "The Lotus Flower"; (d) "The Highland Cradle Song"; (e) "Thou Art Like a Lovely Flower."
- 10.40. Astra Desmond, Singing in English.
"My Heart is Dark."
"Frühlingsnacht."
"Dein Augesicht."
"Waldesgespräch."
- 10.50. Orchestra.
Final, Symphony in D Minor.
- 11.0.—Close down.
Announcer: John H. Raymond.

CARDIFF.

- 3.0-4.0.—The Station Trio. Lorna Mansfield (Contralto).
- 5.0-5.45.—"5WA'S" "FIVE O'CLOCKS": Vocal and Instrumental Artistes. Talks to Women. Weather Forecast.
- 5.45-6.30.—THE HOUR OF THE "KIDDIE-WINKS."
- 6.30-6.45.—"A Simple Lesson in French," II.
- 7.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
Local News.
- 7.15.—Mr. DAN JONES, F.R.A.S., on "The Elements of Astronomy."
- 7.30-7.45.—Interval.
- 7.45.—"TANNHAUSER," Act I. *S.B. from London.*
- 8.50. Development of the Dance—I.
Vocalist: DAVID THOMAS (Tenor).
THE STATION ORCHESTRA.
I. "Morris Dance" *Muchanzie* (11)
II. "Molly on the Shore," Irish Reel *Grainger*
III. Songs.
"The Country Dance" } From Song
"To a Miniature" } Pictures.
IV. "Four English Dances" in the Olden Style *Cowan* (11)
V. "Merry Milkmaids," old Dance Tune *Carse*
VI. Songs.
"The Floral Dance" *Moss*
"Songs of Merrie England" *Oliver*
VII. "Shepherd's Hey" *Grainger*
- 10.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
Local News.
- 10.15.—Mr. W. H. DALTON, F.Z.S., F.R.H.S., A.R.San.I., on "A Serious Position—Why it has Arisen."
- 10.30.—Close down.
Announcer: A. H. Goddard.

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

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

MANCHESTER.

- 2.30-3.0.—MAINLY FEMININE.
 3.30-4.30.—Concert by the "2ZY" Quartette.
 5.40-5.45.—Farmers' Weather Forecast.
 5.45-6.0.—Children's Letters.
 6.0-6.30.—CHILDREN'S CORNER.
 6.30-6.55.—Olga Telba (Soprano) and James Bowden (Welsh Dialect Entertainer).
 7.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
 Professor A. J. IRELAND. *S.B. from London.*
 Local News.
 7.30-7.45.—Interval.
 7.45.—"TANNHAUSER," Act I. *S.B. from London.*
 8.50. **Popular Symphony Concert.**
 Conducted by DAN GODFREY, Junr.
 March Romaine *Gounod*
 Overture, "The Naiads" *Sterndale-Bennett*
 CONSTANCE WILLIS (Contralto).
 "Sequidilla" (Carmen) *Bizet*
 Orchestra.
 Ballet Music, "Ascanio" ... *Saint-Saens*
 PAT RYAN (Solo Clarinet).
 Concerto for Clarinet and Orchestra *Weber*
 10.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
 Topical Talk. *S.B. from London.*
 Local News.
 10.30. Orchestra.
 "Berceuse" *Jarnefelt*
 Constance Willis.
 Selected.
 Orchestra.
 Jena Symphony ... *attributed to Beethoven*
 11.0.—Close down.
 Announcer: Victor Smythe.

NEWCASTLE.

- 3.45-4.45.—Concert: John Edward Collinson (Baritone), Jack Mackintosh (Solo Cornet), Edith M. Hooton (Mezzo-Soprano).
 4.45-5.15.—WOMEN'S HALF-HOUR: Miss Jowitt on "A Child's Need of Play." Miss G. H. Easten: Recitations.
 5.15-6.0.—CHILDREN'S CORNER.
 6.0-6.30.—Scholars' Half-Hour: Mr. J. C. Wilson, B.Sc., "Legends of the Borders."
 6.35-6.50.—Farmers' Corner: Mr. R. W. Wheldon on "Summer Cultivation."
 7.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
 Local News.
 7.15-7.45.—Interval.
 7.45.—"TANNHAUSER," Act I. *S.B. from London.*
 8.50. MAY GRANT'S QUARTETTE PARTY.
 "We Will Have a Time To-night" *Ayer* (6)
 MAY GRANT (Contralto).
 "Widows are Wonderful" *Ayer* (6)
 ADAM T. NOCKELS and ETHEL FOWKES.
 Duet, "Quarrelling" *Monckton*
 WILLIAM J. TAYLOR (Baritone).
 "A Jovial Monk" *Audran*
 Quartette.
 "Joy of Life" ... *Monckton and Talbot*
 May Grant and William J. Taylor.
 Duet, "No one in the World" ... *Caryll*
 Ethel Fowkes, Adam T. Nockels, William J. Taylor.
 Trio, "I Can Dance" *Audran*
 Adam T. Nockels.
 "I'll Sing and Dance" *Norton*

- Ethel Fowkes.
 "Molly, the Marchioness" ... *Monckton*
 Quartette.
 "Hark to the Sound" *Caryll*
 10.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
 Local News.
 10.15. ROBERT PITT and LANGTON MARKS, Entertainers.
 Duets Up-to-Date.
 Duets Topical and Tropical.
 10.45.—Close down.
 Announcer: C. K. Parsons.

ABERDEEN.

- 3.30-3.45.—Semi-Classical Afternoon by the Wireless Quartette and Alice Fettes (Soprano).
 4.30-5.0.—WOMEN'S HALF-HOUR: Mrs. R. F. Robertson Cameron on "The Simpler Music of Beethoven" (with illustrations).
 5.45-6.30.—SUNSHINE CORNER FOR YOUNG AND OLD KIDDIES. The Uncles and Auntie give a Children's Play—"Little Red Riding Hood, or Beauty and the Beanstalk."
 7.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
 Local News.
 7.15.—Royal Horticultural Society of Aberdeen—Monthly Gardening Talk.
 7.30-7.45.—Interval.
 7.45.—"TANNHAUSER," Act I., *S.B. from London.*
 8.50. MARIE SUTHERLAND (Solo Pianoforte).
 Andante and Capriccioso..... *Mendelssohn*
 9.10.—Lord GLENTANAR. *S.B. from Glasgow.*
 9.22-9.30.—Interval.
 9.30. THE WIRELESS ORCHESTRA.
 Overture, "Der Freischutz"..... *Weber*
 9.40. W. M. JOHNSTON (Tenor).
 "Oft in the Stilly Night"..... *Irish Air* (1)
 "The Floral Dance" *Moss*
 9.50. Orchestra.
 "Scenes From an Imaginary Ballet" *Coleridge-Taylor*
 10.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
 Local News.
 10.15.—W. DOUGLAS SIMPSON, M.A., F.S.A. (Scot.), on "History at Our Doorsteps" (No. 5 of Series).
 10.30. W. M. Johnston.
 "Red Devon by the Sea"..... *Clarke*
 "The English Rose" ("Merrie England") *German* (1)
 "One Little Hour"..... *Sharpe*
 10.45. Orchestra.
 Hungarian Rhapsody No I. *Liszt*
 11.0.—Close down.
 Announcer: W. D. Simpson.

GLASGOW.

BROADCAST TO SCHOOLS.

- 3.0-3.15.—ALEXANDER STEVENS, M.A., B.Sc., on "Geography and Travel."
 3.20-3.40.—D. MILLAR CRAIG on "Music."
 3.45-4.0.—ALBERT LE GRIP: "French Talk."
 4.0-4.30.—The Wireless Quartette and A. J. Wiseman (Baritone).
 4.45-5.15.—Topics for Women: Miss Dunnett, of the Glasgow and West of Scotland College of Domestic Science, on "Cookery."

- 5.15-6.0.—THE CHILDREN'S CORNER: "Ta-Ta"—"5SC's" French Auntie will Chat to the Children.
 6.0-6.5.—Weather Forecast for Farmers.
 7.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
 J. D. C. MACKAY, F.L.A.A., on "Business Careers."
 Local News.
 7.30-7.45.—Interval.

Opera—Chamber Music—Song.

- "There is music wherever there is harmony, order, or proportion, and thus far we maintain the music of the spheres."
 —*Brown*
 7.45.—"TANNHAUSER," Act I. *S.B. from London.*
 8.50. THE STATION ORCHESTRA.
 Conducted by ISAAC LOSOWSKY.
 Musical Comedy Selection, "A to Z" *Novello*
 9.0. GERTRUDE JOHNSON (Coloratura Soprano).
 "The Lass With the Delicate Air"..... *Arne*
 "Orpheus With His Lute"..... *Sullivan* (1)
 9.10.—Lord GLENTANAR on "Scottish Scout Week." *S.B. to Aberdeen.*
 9.22. **Recital Of French Musical Art.**
 From Lully to Debussy.
 Singer, MRS. A. M. HENDERSON.
 Pianist, MR. A. M. HENDERSON, Organist to the University of Glasgow.
 (a) "Je sais attacher des Rubans" *Ancienne Chanson*
 (b) "Bois Epais" *Lully—1633-1687*
 Piano Soli.
 Sarabande } *Rameau—1683-1764*
 Minuet .. }
 Gavotte.. }
 Songs.
 "Au Printemps"..... *Gounod—1818-1893*
 "Te Souviens-tu?" *Godard—1849-1895*
 Piano Soli.
 "Bourrée de Bach" *transcrit par Saint-Saens—1835—*
 "Barcarolle, "Venizia" *Godard—1849-1895*
 "Piece Orientale" *Edmond Laurens—1851—*
 Song.
 Madrigal *Vincent D'Indy—1852—*
 Piano Solo.
 "Golliwog's Cake Walk" *Debussy—1862-1918*
 10.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
 Local News.
 10.15. J. H. N. CRAIGEN (Humorous Monologues).
 "The Three Trees"..... *Dudley Powell* (6)
 "Germs" *S. Hein*
 "Little More and Farr" ... *Clifford Grey* (13)
 10.27. Gertrude Johnson.
 "The Dove" }
 "Tis June" } *Landon Ronald* (5)
 "Down in the Forest" }
 10.37. Orchestra.
 Suite, "Les Deux Pigeons"..... *Messager*
 Entr'actes { "Berceuse" *Lacome*
 "Serenade des Mandolines" *Desormes*
 Waltz, "Klytemnestra" *Lottes*
 11.0.—Special Announcements. Close down.
 Announcer: Herbert A. Carruthers.

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WIRELESS PROGRAMME—SATURDAY (June 14th.)

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

LONDON.

- 3.0-5.0. **Empire Choir Concert** relayed from THE STADIUM, WEMBLEY (The British Empire Exhibition).
 5.0-5.20.—"The Importance of Posture," by Eustace Miles, M.A. A Gardening Chat by Marion Cran, F.R.H.S.
 6.0.—Children's Letters.
 6.15-6.45.—CHILDREN'S STORIES: Auntie Sophie at the Piano. "A Talk on Stamps" (No. 4) by Albert H. Harris. Children's News. The Orchestra.
 7.0.—TIME SIGNAL FROM BIG BEN, 1ST GENERAL NEWS BULLETIN and WEATHER FORECAST. *S.B. to all Stations.*
 Captain RICHARD TWELVETREES on "Motoring." *S.B. to Manchester and Glasgow.*
 Local News.
 7.30-8.0.—Interval.

Miscellaneous and Dance Programme.

- THE SANDRINGHAM PLAYERS DANCE ORCHESTRA.
 GLADYS HAYSACK (Soprano).
 HELENA MILLAIS (Entertainer).
 JAMES WORSLEY in Lancashire Dialect Recitals.
 8.0.—Dance Music.
 8.20. Soprano Songs.
 "The Sweetest Flower that Blows" *Hawley*
 "The Dancing Lesson" *Oliver*
 James Worsley.
 "How we Played Julius Caesar" *Jackson*
 Helena Millais.
 In Songs and Fragments from Life.
 8.50.—Dance Music.
 9.10. Soprano Songs.
 "A Brown Bird Singing" ... *Haydn Wood*
 "Prince Charming" *Lehmann (1)*
 James Worsley.
 "Nomination Day" *Waugh*
 Helena Millais.
 In more Songs and Fragments, including "Our Lizzie Listens In."
 9.40.—Dance Music.
 10.0.—TIME SIGNAL FROM GREENWICH, 2ND GENERAL NEWS BULLETIN and WEATHER FORECAST. *S.B. to all Stations.*
 Colonel PHILIP TREVOR, C.B.E., the well-known Writer and Lecturer on Rugby Football and Cricket, on "Cricket." *S.B. to other Stations.*
 Local News.
 10.30.—THE SAVOY ORPHEANS AND SAVOY HAVANA BANDS and SELMA FOUR, relayed from the Savoy Hotel, London. *S.B. to all Stations.*
 12.0.—Close down.
 Announcer: J. S. Dodgson.

BIRMINGHAM.

- 3.30-4.30.—Children's Concert, arranged by the Kiddies.
 5.0-5.30.—WOMEN'S CORNER: Nora M. Barnett, B.A., on "The Spanish Main."
 5.30-5.35.—Agricultural Weather Forecast.
 5.35-6.30.—KIDDIES' CORNER: Auntie Phil will tell more Adventures of Snooky.
 6.30.—Teens' Corner.
 7.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
 Local News.
 7.15-8.0.—Interval.
Another Old Memory Night.
 8.0.—This programme will consist of songs of bygone days. Listeners are asked to send in favourite items from which numbers will be taken.
 The following are the Artistes for the evening:—
 EMILY BROUGHTON and GLADYS WHITEHILL (Sopranos).

ALICE VAUGHAN and AMY CARTER (Contraltos).
 BERT ASHMORE and INGRAM BENNING (Tenors).
 JAMES HOWELL and HAROLD CASEY (Baritones).
 NIGEL DALLAWAY (Piano).
 FRANK CANTELL (Violin).
 PERCY EDGAR (Entertainer).

- 10.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
 Local News.
 ETHEL MALPAS in a Character Study, "Stephanie of 1924."
 10.30.—THE SAVOY BANDS. *S.B. from London.*
 12.0.—Close down.
 Announcer: A. Pelham.

BOURNEMOUTH.

- 3.45-5.15.—Ethel Rowland (Solo Pianoforte.)
 THE ROYAL BATH HOTEL DANCE ORCHESTRA, relayed from King's Hall Rooms. (Musical Director, DAVID S. LIFE.) Talks to Women.
 5.15-6.15.—KIDDIES' HOUR.
 6.15-6.45.—Scholars' Half-Hour: M. B. Robinson on "Beauty Spots of Christchurch and District."
 7.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
 Lord MONTAGUE OF BEAULIEU on "Roads."
 Local News.
 7.30-8.30.—Interval.

Popular Night.

- 8.30. THE WIRELESS ORCHESTRA.
 Conductor: Capt. W. A. FEATHERSTONE
 Suite, "As You Like It" *Quilter*
 8.45. ROBERT PARKER (Baritone).
 Songs, Selected.
 8.55. Orchestra.
 Overture, "La Princesse Jaume" *Saint-Saens*
 9.5. THE PORTSMOUTH MINSTER SINGERS.
 ALBERT SAUNDERS (Tenor).
 HAROLD VERREN (Tenor).
 CHARLES RICE (Baritone).
 ROBERT HAPGOOD (Bass-Baritone).
 KATHLEEN CALCUTT (Pianist).
 "Song of the Armida" *C. F. Chudleigh Candish (2)*
 "Jack Spratt" *G. A. Blackburn (2)*
 "Pussy's in the Well" *J. B. Herbert (2)*
 9.15. Orchestra.
 Suite, "Children's Corner" *Debussy*
 9.20. Robert Parker.
 Songs, Selected.
 9.30. The Portsmouth Minster Singers.
 "A Wet Sheet and a Flowing Sea" *A. M. Richardson (2)*
 "Tom the Piper's Son" *F. A. Kendall (2)*
 "Mulligan Musketeers" *R. W. Atkinson (2)*
 "Oh, Hush Thee, My Baby" *Sir A. Sullivan (2)*
 9.45. Orchestra.
 Selection, "The Beggar's Opera" *Austin (1)*
 10.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
 Col. PHILIP TREVOR. *S.B. from London.*
 Local News.
 10.30.—THE SAVOY BANDS. *S.B. from London.*
 12.0.—Close down.
 Announcer: John H. Raymond.

CARDIFF.

- 3.0-4.0.—Falkman and His Orchestra, relayed from The Capitol Cinema.
 5.0-5.45.—"5WA'S" "FIVE O'CLOCKS": Vocal and Instrumental Artistes. Talks to Women. Weather Forecast.
 5.45-6.30.—THE HOUR OF THE "KIDDIE-WINKS."
 6.30-6.45.—"How to Use the Open Air" (IV.), by a Medical Specialist.
 7.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
 Local News.
 7.15.—WILLIE C. CLISSITT: Chat on "Sport of the Week."

Popular Night.

- Vocalist, SYDNEY COLTHAM (Tenor).
 Entertainer, SIDNEY MILLER.
 THE STATION ORCHESTRA.
 7.30. Orchestra.
 Overture, "The King's Lieutenant" *Titil (1)*
 "English Dance Suite" *Rowley*
 7.50. Sidney Miller.
 Musical Sketch, "All About Love" *Grey (13)*
 Song, "Curious Sights."
 8.0. Sydney Coltham.
 "The Land of the Sky Blue Water" *Cadman (1)*
 "I Hear a Thrush at Eve" *Cadman (1)*
 8.10.—Mr. F. J. NORTH, D.Sc., F.G.S., Keeper of Geology at the National Museum of Wales, on "Rocks and their Stories—Rocks that Fall from the Sky."
 8.20. Orchestra.
 "The Parade of the Tin Soldiers" *Jessel*
 Selection, "Sally" *Kern*
 8.40. Sidney Coltham.
 "When You Pass" *From 8 Ballads by H. Oliver (8)*
 "Blue-Eyed Violets" *Oliver (8)*
 "For Ever and For Ever" *Tosti*
 8.50. "THE CAT"
 A detective farce in 3 Acts by Ivor Herbert McClure, performed by THE STATION PLAYERS.
 9.20. Sidney Miller.
 Patter Sketch, "The Coster's Wedding."
 Song, "Slowly but Surely" *Goddard (13)*
 9.35. Orchestral Selection.
 Wilfred Sanderson's Popular Songs *arr. Baynes (1)*

- 10.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
 Col. PHILIP TREVOR. *S.B. from London.*
 Local News.
 10.30.—THE SAVOY BANDS. *S.B. from London.*
 12.0.—Close down.
 Announcer: A. H. Goddard.

MANCHESTER.

- 3.30-4.30.—Concert by: Madame Green (Contralto), Ernest Green (Tenor), Edith Andrews (Violinist), H. A. Palmer (Entertainer), Cyril H. Law (Pianist), F. Heginbotham and H. Schofield (Concertinists).
 5.45-6.0.—Children's Letters.
 6.0-6.30.—CHILDREN'S CORNER.
 6.30-7.0.—Interval.
 7.0.—NEWS and WEATHER FORECAST. *S.B. from London.*
 Capt. RICHARD TWELVETREES. *S.B. from London.*
 Local News.

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 449.

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

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

7.30.—Mr. SPURLEY HEY, M.A., Director of Education, Manchester City.

7.45-8.0.—Interval.

8.0. **Dance Night.**

MASSEY'S DANCE BAND.

Waltz, "Dear Love, My Love"; Fox-trot, "Aladdin's Lamp"; Fox-trot, "That Old Home Town of Mine"; Waltz, Selected; One-step, "Ain't Got a Minute"; Fox-trot, "Ruth"; Fox-trot, "Swanee Smiles"; Waltz, "When Lights are Low"; Fox-trot, "Martha and Me."

8.45.—VICTOR SMYTHE in Character Cameos.

9.0. **Dance Band.**

Waltz, "Dreamy Melody"; Fox-trot, "Love Tales"; Fox-trot, "Nola"; Waltz, Selected; One-step, "America"; Fox-trot, "Tum-ee-Tum"; Fox-trot, "Sweetheart Town"; Fox-trot, "Take Those Lips Away"; One Step, "Dance Your Shoes Away"; Waltz, "Serenade."

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

Col. PHILIP TREVOR. *S.B. from London.*

Local News.

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

12.0.—Close down.

Announcer: Victor Smythe.

NEWCASTLE.

3.45-4.45.—William Laws' Trio.

4.45-5.15.—WOMEN'S HALF-HOUR: Una Rodenhurst on "Gloucester," with Readings.

5.15-6.0.—CHILDREN'S CORNER.

6.0-6.30.—Scholars' Half-Hour: Miss G. M. Seddon, M.A.: "Stories of French Literature," Part I.

6.35-6.50.—Farmers' Corner: Mr. H. C. Pawson on "The Making of Soil."

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

Local News.

7.15-8.0.—Interval.

CONSTANCE WILLIS (Contralto).

IDA COWEY (Soprano).

FRANK CHARLTON and NORMAN WRIGHT (Entertainers).

THE STATION ORCHESTRA.

Conductor, WILLIAM A. CROSSE.

8.0. **Orchestra.**

Overture, "Morning, Noon and Night"

Suppl

Entr'acte, "Evensong".....*Martin*

Constance Willis.

Songs, Selected.

Ida Cowey.

"Spring Had Come. Hiawatha's Departure".....*Coleridge-Taylor*

Orchestra.

Selection, "Dorothy".....*Cellier*

Frank Charlton and Norman Wright.

"You've Got to Come Along to Wembley"
Weston

Ida Cowey.

Songs, Selected.

Orchestra.

"Rêve d'Enfant".....*St. Croix*

Frank Charlton and Norman Wright.

"Mother Hubbard".....*Charlton*

Constance Willis.

Songs, Selected.

Orchestra.

Selection, Bishop's Songs.

10.0.—NEWS and WEATHER FORECAST.

S.B. from London.

Col. PHILIP TREVOR. *S.B. from London.*

Local News.

10.30.—THE SAVOY BANDS. *S.B. from*

London.

12.0.—Close down.

Announcer: W. M. Shewen

ABERDEEN.

3.30-4.30.—The Wireless Quartette. Margaret Skakle (Soprano).

4.30-5.0.—WOMEN'S HALF-HOUR.

6.0-6.30.—CHILDREN'S HALF-HOUR: To Morocco in the Radiophone.

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

Local News.

7.15.—ALEXANDER PHILIP, LL.B., F.R.S. (Edin.), on "The Gregorian Calendar."

7.30-8.0.—Interval.

8.0.—This Week's Interesting Anniversary: Douglas Jerrold died 8th June, 1857.

Operatic Night.

GERTRUDE JOHNSON (Coloratura

Soprano).

ROBERT WATSON (Baritone).

8.30. THE WIRELESS ORCHESTRA.

Selection, "Rienzi".....*Wagner*

8.45. Gertrude Johnson.

"The Waltz Song" ("Romeo and Juliet")
Gounod

8.55. **Orchestra.**

Two Intermezzi from "Jewels of the Madonna".....*Ferrari*

9.5. Robert Watson.

"The Prologue" ("Pagliacci")*Leoncavallo*

"King Philip's Aria" ("Don Carlos")
Verdi

9.15. Gertrude Johnson.

"Ah Lo So" ("The Magic Flute")
Mozart (1)

9.25. **Orchestra.**

Selection, "La Bohème".....*Puccini*

9.35. Robert Watson.

"Eri tu" ("Un Ballo").....*Verdi*

"Vulcan's Song" ("Philemon et Baucis")
Gounod (1)

9.45. **Orchestra.**

Selection, "Don Carlos".....*Verdi*

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

Col. PHILIP TREVOR. *S.B. from London.*

Local News.

10.30. **Orchestra.**

Selection, "Lohengrin".....*Wagner*

10.40. Gertrude Johnson.

"Regnavi nel Silenzio" ("Lucia di Lam-

mermoor").....*Donizetti (1)*

10.50. Robert Watson.

"The Credo" ("Othello").....*Verdi*

"Fiu Ch'han dal vino" ("Don Giovanni")
Mozart (1)

11.0.—THE SAVOY BANDS. *S.B. from*

London.

12.0.—Close down.

Announcer: H. J. McKee.

GLASGOW.

3.30-4.30.—Popular Afternoon by the Wireless Quartette and George Boyd (Baritone).

4.45-5.15.—TOPICS FOR WOMEN: Miscellaneous Afternoon.

5.15-6.0.—THE CHILDREN'S CORNER: "At Home" Day for Children of all ages.

6.0-6.5.—Weather Forecast for Farmers.

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

Captain RICHARD TWELVETREES. *S.B. from London.*

Local News.

7.30-8.0.—Interval.

8.0.—Glasgow Radio Society Talk.

Dance—Humour—Song.

"Come, knit hands, and beat the ground In a light fantastic round."—*Milton.*

Request Dance Items by

8.10. THE STATION ORCHESTRA.

Fox-trot, "Maybe She'll Write" (6); Blues, "The Cat's Whiskers"; Fox-trot, "Horsey, Keep Your Tail Up" (6); One-

step, "The Oom-Pah Trot."

8.30. DOROTHY PUGH (Soprano).

"If No One Ever Marries

Me"

"The Swing".....*Liza Lehmann (1)*

"The Cuckoo"

8.40. ROBERT PITT AND LANGTON MARKS (Entertainers).

Duets Up-to-Date.

8.55.—A. W. HILL on "Street Photography."

9.5. **Orchestra.**

Waltz, "The Shadow Waltz"; Fox-trot, "Give Me the Night-time"; Polka, "The Jolly Blacksmith"; Blues, "Blue Danube Blues"; Fox-trot, "Hurdy

Gurdy Man" (29).

9.35. Dorothy Pugh.

"Down in Lovers' Lane" *Easthope Martin*

"Go Not, Happy Day".....*F. Bridge*

"What's In the Air To-day?" *Robert Eden*

9.45. Robert Pitt and Langton Marks.

Duets, Topical and Tropical.

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

Col. PHILIP TREVOR. *S.B. from London.*

Local News.

10.30.—THE SAVOY BANDS. *S.B. from*

London.

12.0.—Close down.

Announcer: Herbert A. Carruthers.

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 449.

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Music in the Week's Programmes.

A Weekly Feature Conducted by Percy A. Scholes.

SPANISH NIGHT AT CARDIFF.

TRY to hit off the Spanish temperament in a couple of words, and you will probably describe it as a strange compound of fire and languor. These are, of course, reflected in Spanish folk-music, with its very characteristic turns of melody, and a rhythmic expression peculiar to itself.

The general history of music in Spain is a little like that of music in this country. The national musical production was at its height when ours was, in the sixteenth and seventeenth centuries. Then, like ours, it flagged, but latterly, also like ours, it has revived.

But throughout, whatever the fortunes of "composed" music, the popular or "folk" music has remained national in feeling, and, just as with us there has been a growth of interest in folk music, influencing many of our contemporary composers, so in Spain there has been a similar revival.

The Spanish "School" of to-day keeps, so far, a good deal closer to its folk-song origin and inspiration than does our own. Vigorous dance rhythms, a peculiar arabesque-like melodic contour (perhaps partly due to Arab influence), and harmonies obviously influenced by the method of tuning the national instrument, the guitar, are some of the features of this modern Spanish "School."

Some of the music to be broadcast from Cardiff on its "Spanish Night" (next Sunday) is briefly described below.

"LOVE THE MAGICIAN."

De Falla, from whose *Love the Magician* (*El Amor Brujo*) a number of extracts are to be given, was born at Cadiz in 1876. *Love the Magician* is a one-act Ballet, concerned with Andalusian gipsy life. Candelas, a young, beautiful, and passionate gipsy woman, has loved a handsome man of her own race. After his death, she falls in love with Carmelo, another young gipsy, but is haunted by the jealous spectre of her former lover, of which she cannot free herself. Eventually, by a trick, the ghost is laid, and Candelas and Carmelo are united.

De Falla's ballet music is as follows (note that the pieces run on almost continuously):—

- (a) INTRODUCTION (*Fast and Furious*).
- (b) AMONG THE GIPSIES (*Tranquil and Mysterious*).
- (c) THE RETURN OF THE SPECTRE (*Swift*).
- (d) DANCE OF FRIGHT (*Quick and Rhythmic*).
- (e) THE MAGIC CIRCLE. This is very tranquil, as is also the distant—
- (f) THE STRIKING OF MIDNIGHT. Then comes—
- (g) THE RITUAL OF THE FIRE-DANCE, to drive away evil spirits (*Quick*). This is rather long.
- (h) A brief EPISODE leads into—
- (i) SONG OF THE WILL-O'-THE-WISP (*Lively*), which begins "Love is a capricious flame, Love is a Will-o'-the-Wisp." (This song is to be sung during the evening.)
- (j) A "PANTOMIME," beginning very loud, but the main part of which is very tranquil, seems to represent the tricking of the Spectre, and the triumph of Love. This section is particularly attractive and characteristic.
- (k) The DANCE OF THE GAME OF LOVE leads to the—
- (l) FINALE—the chiming of the morning bells.

THE "CARMEN" MUSIC.

On the same evening there are to be performed the *Flower Song* and a Suite of pieces

from *Carmen*. Listeners all over the country should note that Acts I and II, of this opera are to be relayed in full from His Majesty's Theatre, London, on Monday.

Carmen is an opera on a Spanish subject; but the libretto is taken from a novel by the French author, Merimée, and it has been set to music by the French composer, Bizet (Spanish musicians, as a matter of fact, rather resent *Carmen*, as not representing accurately the Spanish style or character, but its popularity is unshakable).

The brief synopsis of Acts I and II, is given below; it will serve both Cardiff "Spanish Night" listeners and those, in all parts of the country, who intend to listen to the theatre performance.

ACT I. In a City Square the Guard is being relieved. ZUNIGA (*Bass*) is officer of the Guard, DON JOSE (*Tenor*) is a sergeant. MICAELA (*Soprano*) comes with a message to Don José from his mother, but, finding him at first absent, retires. At noon the girls arrive from the cigarette factory, among them CARMEN (*Mezzo-Soprano*), a pretty, but fickle, gipsy. She sings the FLOWER SONG, flinging a rose to José, who is at last attracted. But the girls return to their work, and Micaela comes again, and now delivers her message.

Presently there is a disturbance, and the girls rush out of the factory. Carmen has stabbed another girl in a quarrel. She is arrested by Zuniga, but so bewitches Don José that he contrives her escape.

ACT II. Carmen has returned to her gipsy friends and is singing and dancing with them in a tavern. Soon the arrival of a Toreador, ESCAMILLO (*Baritone*) is acclaimed and he sings the TOREADOR'S SONG. Carmen now turns her attention to him. However, everyone leaves the tavern except Carmen and her gipsy-smuggler friends.

After a while, Don José comes and, in a long scene, Carmen tries, unsuccessfully, to persuade him to desert the army and join them. Zuniga next enters, and when he orders Don José out, swords are drawn. The gipsies overpower Zuniga and, with Don José, escape to the mountains.

ACTS III and IV. (For the sake of completeness, a line as to these is added.) Carmen eventually deserts Don José in favour of the Toreador, and Don José, beside-himself, stabs her to death.

ALBENIZ' "CATALONIA."

Just as some British music is thoroughly Celtic, other typically English, so some Spanish music is Catalonian and other Andalusian.

ISAAC ALBENIZ (1861-1909) was a Catalonian. He travelled continually, and spent some years in London, where he was well known as a piano teacher.

Catalonia was to have been a Suite in three parts, but apparently only the first movement was completed and orchestrated. It was first performed in 1899, in Paris.

This movement has no sub-title, but clearly represents some bustling, holiday-making festivities among the Catalonians.

GRANADOS' SPANISH DANCES.

EURIQUE GRANADOS (1867-1916) was also a Catalonian, some six years younger than Albeniz. Their music has some slight similarity, in addition to the sharing of general Spanish characteristics. In these dances, one particular Spanish feature is especially noticeable; the strong dance rhythms are so important that they frequently continue for many bars without carrying on their backs any sort of a "tune."

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A Glance Backward—and Forward.

By P. P. Eckersley.

"THAT we may look back on the way we have come and forward to the summit whither our way lies"—so went a prayer that at school used to be read out every Sunday morning to us all. The quotation seems apposite, because when these words appear in print I shall be on my holidays and, lulled by the noise of waves and the leisure of lazy sunshine (I hope), a gap for retrospection will be possible.

Looking back may be interesting to others besides myself, which can be the only excuse for this effusion.

It has been a time of expansion, of effort, of feverish scheming, when few of us have been able to see the wood for the trees, and running through it all has been the leitmotif of "service."

We started in the Engineering Department with one engineer (myself), and well I remember being confronted with three months' back correspondence, the job of taking over the then three existing stations from the other companies, opening five more, answering an ever-growing budget from listeners, choosing sites as far north as Aberdeen and as far south as Bournemouth.

The First Broadcast Opera.

I suppose our first achievement (I say our, well knowing that without the co-operation of the member firms, particularly the Western Electric, Marconi and Radio Communication Companies, it would have been impossible) was the broadcasting of Opera.

How well I can remember the thrill of catching for the first time the electric hush of Covent Garden before the act; how well I recapture the thrill of that sweep and rush of violins that meant a real orchestra playing in our finest acoustical theatre. The interest aroused was the foundation of our fortunes.

The World's Largest Audience.

Last summer was chiefly spent in opening new stations, and by October, 1923, all the eight main stations were in service with a breakdown record of a quarter per cent. Meanwhile, with the Western Electric Company and the Post Office, we had developed Simultaneous Broadcasting, and in August, 1923, the service was first put into commission and probably the largest audience in Europe, possibly in the world, was addressed by one voice.

Although in experimental tests this had been previously accomplished, and although the service had been some time previously running, the first demonstration of the possibilities of "simultaneous" was given to the public, when Sir Ernest Rutherford's opening address to the British Association for the advancement of Science was distributed far beyond the confines of the hall in Liverpool to the listeners throughout Britain and Europe.

Experiments With Relay.

Sheffield became, in the autumn of 1923, a centre of activity, for the first experiments on relay stations took place within the city.

Microphones were being meanwhile improved beyond recognition, and our methods for handling them, coupled with knowledge gained by experience, rapidly increased the possibilities of the service.

Those long winter nights gave us a chance to demonstrate trans-Atlantic reception, and we can claim to have broadcast more atmospherics than any other organisation; the romance and wonder of the art were becoming a commonplace of the home, and we became more and more obliged to increase the scope of our activities.

On January 1st, 1924—or was it December 31st, 1923?—we broadcast for the first time

the Chimes of Big Ben, and the shrieks of the river syrens, the cheers of the crowd dominated by the great bells tolling the death of another year were heard everywhere by fortunate listeners seeing the New Year in in the modern manner.

One must not forget the six dot seconds, the time service that leaves no one an excuse for a split second's error on their time sheets—a doubtful blessing, but an undoubted service.

The Empire in the Home.

Turning to more recent events, we come to the broadcasting of Wembley, when the King was first heard by millions of his subjects who never before had been privileged to hear his voice—when a little of the romance of the pomp and ceremony of Empire found its way into the listening homes of Empire dwellers—when all were privileged to participate in a ceremony that was so intimately their own.

And the nightingale—the inspirer of poets, pouring its liquid notes out of ten thousand loud speakers or intimately transporting a million 'phone wearers to a little soft wood in the heart of England's country.

The Way To Perfection.

A record, bald and simple, of some achievement, until the jaded and pampered listener is asking what next? What is on the summit whither our way lies—what cairn has imagination built to crown the edifice?

If one may indicate an ideal, it is to let the ears of the public extend to all that should be theirs to hear. To the jaded town dweller the sounds of simple country; to the country listener all that is redolent of the gaieties of the town; to every listener all that is best in human music, literature and art—but I stray from engineering.

To every simple set a strong signal undisturbed of perfect quality; to every microphone a real tone picture of reality and a perfection of technique; no irritating clicks fade in fade out now at the Savoy, now at the seaside, now in an aeroplane—all scenes fading one into the other till distance is annihilated, until physically circumscribed existence becomes limitless.

We serve you; we do work. Don't be jaded; don't expect too much; don't force a pace that is strenuous enough, and you will be truly co-operating.

ENGLISH AS THE WORLD LANGUAGE.

IN the opinion of Major-General James Harbord, President of the Radio Corporation of America, wireless may make English the language of the world.

"Business necessity," says the General, "will urge natives of other countries to learn to speak English. The great business centres of the world are the two English-speaking cities of New York and London, and the business man who understands English can get the commercial news he wants from the air faster and more completely than he can by newspapers."

THE London broadcasting station recently broadcast a play in which a man sang in his bath. One old lady immediately took off her headphones, as she considered it most improper to listen.—*The Humorist.*

CHIMNEY sweeps in Berlin have been instructed to report the location of all wireless aeriads they discover. By this means it is hoped to trace unlicensed sets.

[Exclusive to "The Radio Times."]

THE TALE.

By ALFRED NOYES.

(This poem, and the one published in last week's issue, were specially written by Mr. Noyes for the Empire Day Programme.)

I TELL you a tale to-night
Which a seaman told to me,
With eyes that gleamed in the lantern-light

And a voice as low as the sea—

Do you know who Nelson was?

You may laugh, but it's true as true,
There was more in the tale of his victory
Than ever his foemen knew.

Nelson was—just a ghost!

You may laugh. But the Devonshire men,

They knew that he'd come when England called,

And they know that he'll come again.

I'll tell you the way it was;

For none of the landsmen know;

And to tell it you right, you must go right back,

Three hundred years or so.

The waves were lapping and slapping

Just as they are to-day;

And Drake lay dying aboard his ship

In Nombre Dios Bay.

"You must take my drum," he said,

"To the old sea-wall at home;

And, if ever you strike that drum," he said,

"I'll rise from the dead, and come."

That's what he said, and he died;

And his seamen listening roun'

With crimson doublets and jewelled swords

That flashed as the sun went down.

They sewed him up in his shroud

With a round shot, top and toe.

They sunk him down in the salt sharp sea

Where all good seamen go.

They sailed away in the dark

To the dear little isle they knew,

And they hung his drum by the old sea-wall,

Just as he told them to.

Two hundred years went by

And the guns began to roar,

And England was fighting, hard, for her life

As ever she fought of yore.

The foe was creeping close

In the dark, to our white-cliffed isle,

They were ready to leap at England's throat

When—O, you may smile, you may smile.

But ask of the Devonshire men,

For they heard, in the dead of night,

The roll of a drum, and they saw Him pass

On a ship all shining white.

He stretched out his dead cold face

And he sailed in the grand old way.

The fishes had taken an eye and an arm,

But he swept Trafalgar's Bay.

[Next week we shall publish Mr. Noyes' Epilogue to this Poem.]

Wonders of Psychological Research.

A Talk From London, by Sir ARTHUR CONAN DOYLE.

IF the last fifty years have been largely devoted to protoplasm, the basis of animal life, the next fifty will be largely devoted to ectoplasm, the basis of psychic phenomena.

Many who have not experimented with it will even now deny its existence. As I have repeatedly seen it, and on one occasion had it in my hand, I am as sure of it as I am of anything. The name ectoplasm was given to it by Charles Richet, the Professor of Physiology at the University of Paris, and one of the great thinkers of the world. Such a godfather does not give a name unless he is quite sure that there is a baby. I admit that the facts seem quite incredible, but they are not more incredible than this very wireless which we are now using would have seemed a few short years ago.

An Extraordinary Substance.

There are certain people in the world who have the power under proper conditions of throwing out from their bodies a whitish vapour which is capable of solidifying into a solid substance. That substance, whether vapour or solid, is ectoplasm.

We know now, after exhaustive experiments, certain definite facts about this substance.

The first serious experiments were carried out by a French lady, Madame Bisson, the widow of the well-known journalist, Adolph Bisson. Her subject, or medium, was called Eva Carrère, or Eva C. Madame Bisson took Eva C. completely under her charge, so that she could control her and safeguard herself against fraud. In the experiments which followed she was helped by a German man of science, Dr. Schrenck-Notzing, of Munich. These two worked together for five years, and their results are destined, I think, to be the basis, not of one, but of several new sciences.

The Medium in the Cabinet.

Their method was to make Eva C. change all her garments under supervision, and to dress her in a gown which had no buttons and was fastened at the back. Only her hands and feet were free. She was then taken into the experimental room, to which she had access at no other time. At one end of this room was a small space shut in by curtains at the back and sides and top, but open in front. This is called the cabinet, and the object of it is to concentrate the ectoplasmic vapour in one place and prevent it from diluting itself all over the room.

Eva was placed in a chair, where she went into a trance. The lights were then turned down, save for a small red light. The reason of this was that experience has shown that white light dissolves ectoplasm. It is a purely chemical reason, like that which prevents a photograph from being developed in light. Several photographic cameras were then trained upon the cabinet, and pictures were taken by flashlight without warning so as to show what was going on. A large number of scientific men were admitted to the experiments that they might confirm the fact that all possible precautions were taken.

Spirit Photographs.

The results are shown in Madame Bisson's wonderful book, which contains some two hundred photographs. First you see fleecy clouds of vapour. Then you see, incredible as it may sound, that these clouds take shape, that they form faces or limbs, sometimes very crude, sometimes perfectly formed. Finally, that a whole body may be built up from the ectoplasm, and that this body may resemble

someone who is dead—Mr. Bisson in one instance—and may have the power to move, to walk, and even to speak. All this is shown in the photographs. I have myself talked at some length with ectoplasmic figures, as is detailed in my recent "Second American Adventure."

The fact is beyond dispute. It has been confirmed since by Schrenck-Notzing in the case of the medium Stanisla, the medium Willy S., and several others. Dr. Geley, of Paris, obtained a series of similar results with Eva, which have been published with photographs. Afterwards he got even more wonderful results with Frank Kluski, a Polish gentleman, where the ectoplasmic figures were so solid that he was able to take a mould of their hands in paraffin. These paraffin gloves, which I have seen and handled, are so small at the wrist opening that the hand could not possibly have been withdrawn without breaking the brittle mould. It could only have been done by dematerialization—no other way is possible.

These experiments were conducted by Geley, Richet, and Count Grammont, three very competent men. In the course of these experiments the stuff was examined chemically and microscopically. The former examination gave roughly the constituents of the human body. The latter showed a mucoid substance. It was already known that it was from the mucoid



Photo: Huggs.
Sir A. CONAN DOYLE.

surfaces of the body that it is largely drawn, as is shown in the photographs.

Dr. Crawford's Experiments.

Another series of experiments were carried out by Dr. Crawford, of Belfast, whose name, I think, will live in the science of the future. He got his ectoplasm from a medium named Kathleen Golligher. In this case, the stuff did not take the form of faces, but rather of rods and lines of energy, so that Crawford, a skilful engineer, could work out the laws which govern such phenomena. He took three years over his research and has published it in two volumes which will, I think, be classic. He showed that all the curious physical sounds and effects of the séance room depend upon this substance.

What the intelligence is which directs the substance is, of course, another matter. He conducted his experiments with his medium and occasionally his circle all seated on weighing chairs with dials. In this way he showed two remarkable facts. One that the medium as she extruded ectoplasm lost in weight, even to the extent of twenty or thirty pounds, which returned when the stuff was reabsorbed. The other was that everyone else in the circle also lost weight, showing that all contributed ectoplasm, and that a physical medium is only a person who has more than others.

Why Some Tests Failed.

Since then, ectoplasm has been demonstrated in solid form to fifty picked men, including twenty-six professors, by Dr. Schrenck-Notzing, and to forty representative men by Geley, all being quite satisfied. We can say, then, that there is no doubt of its existence. It cannot, however, be produced to order. It is a delicate operation which may fail. Thus, several experimenters, notably a small committee of the Sorbonne, did fail.

We have learned that it needs the right men and the right conditions, which conditions are mental and spiritual, rather than chemical. Thus, a harmonious atmosphere will help, while a carping, antagonistic atmosphere will hinder or totally prevent its appearance. In this it shows its spiritual affinities and that it differs from a purely physical product.

What is it? It takes shapes. Who determines the shape? Is it the mind of the entranced medium? Is it the mind of the observers? Is it some independent mind? Among the experimenters we have a material school who urge that we are finding some extraordinary latent property of the normal body, and we have another school, of which I am a humble member, who believe that we have come upon a link which may be part of a chain leading to some new order of life.

Known for Sixty Years.

It should be added that there is nothing concerning it which has not been known in a general way, and stated innumerable times, by those derided folk called Spiritualists. Their view as to the causes is still under debate, but as to the phenomena themselves, and their dependence upon a curious plastic substance which solidifies from a vapour, this has been known by them for at least sixty years, and they have been the pioneers of the world's science. It is true that such substance is not spiritual in itself. Neither is a pen spiritual. But a pen may give the thoughts of a Shakespeare, and this stuff also may be an instrument for high purposes.

The future will show.



Dear Old Lady (who has been listening to a talk on Boxing): "Use your upper cut, sorry! Use your upper cut!"

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Postage Stamps that Illustrate History.

HULLO, children!

I expect that a great many of you—especially the boys—collect postage stamps. Here is an interesting talk by Albert H. Harris on stamps that were issued to commemorate important occasions.

Lately all stamp collectors have been talking about the new commemorative stamps for the British Empire Exhibition. They were issued at Wembley on the opening day, and I expect lots of you have already seen them. They are sold at the Exhibition post office only; but they can be used anywhere in the United Kingdom.

Now these Wembley stamps are not only interesting because of the great Exhibition they commemorate, but because, just as Great Britain was the very first country to introduce postage stamps, so it is the very last to use them for commemorative purposes.

From Famous Paintings.

I expect the commemorative stamps you know best are the Columbus stamps of America. These, too, were issued at an Exhibition—the Columbian Exposition at Chicago, in 1893, to celebrate the 400th anniversary of the discovery of America. It is not so well known, however, that nearly all of them are reproductions of famous paintings, and if you take the series through, you get a kind of bird's-eye view of the life of Columbus associated with his thrilling discovery that there was an unknown continent on the other side of the Atlantic Ocean!

First you see him "In Sight of Land"; then the scene of his landing. Next his fleet of three vessels, the *Santa Maria* (his flagship), and the *Nina* and *Pinta*, which accompanied it. How he returned and sought the aid of Queen Isabella, and brought natives with him to convince those who doubted his story; how

he was put in chains, and afterwards restored to favour, and how Queen Isabella pledged her jewels to help him—all these things are shown in these wonderful paintings, which were faithfully reproduced by the United States Government on special postage stamps, and thereby distributed over the whole world.

Another popular commemorative series came out for the Greek Olympic Games, at Athens, in 1896. These show Greek athletes wrestling, throwing the discus, and chariot racing. Other values give views of the Stadium and the Acropolis, and famous statues of Hermes and of Victory. While these stamps were current, war broke out between the Greeks and the Turks, and some of the Public Treasuries, where the stamps were kept, fell into the hands of the enemy and were looted. So the Greek Government gave orders for those left to be defaced before issue. This didn't do, as it interfered with the postmark, so they had them marked on the back instead.

France has just brought out a couple more Olympic Games stamps to celebrate the holding of the Games in France this year. One shows what is supposed to be a Welcome to Paris, with a view of the French Stadium and the Arc de Triomphe in the distance. Then there is another one with a statue of Victory, and little pictures of the cathedral of Notre Dame and a well-known bridge over the Seine, the Pont Neuf. France has two more Olympic Games stamps in preparation.

A Portuguese Hero.

Portugal has had some very jolly commemoratives. You have all heard of Prince Henry, the Navigator, haven't you? He was the fourth son of King John, and his wife, Philippa, who was the daughter of the celebrated John of Gaunt. Portugal is very proud of him, and in 1894 they brought out a series to celebrate the 500th anniversary of his birth. The first

design, for the low values, shows Prince Henry seated on the prow of a sailing vessel, supported by two aged scholars and two classical figures.

The second shows the Prince waving farewell to the mariners who took part in his first voyage in 1419, when the island of Madeira was discovered. The high values show the Prince surrounded by emblems of geographical research.

The next year Portugal had another set, this time for the 700th anniversary of the birth, at Lisbon, of Saint Antony of Padua. Saint Antony was born in 1195, became famous as a preacher, and when he died in 1231, he was canonized. So Portugal thought they would spread his fame by means of postage stamps.

Japanese Customs.

There is not time to tell you of many others; but I will just touch on the Japanese. Their stamp designs bring us in close touch with Eastern customs. For example, on the twenty-fifth anniversary of the marriage of the Emperor and Empress, in 1894, they had a special stamp, with the Imperial chrysanthemum in the middle and a crane-bird on each side. This is a Japanese way of saying "many happy returns," as these birds are supposed, by the Japanese, to have very long lives—some say a thousand years!

Then when the Prince Imperial was married, in 1900, they had another design. This shows some of the articles used in the Japanese wedding ceremony. One is a wooden box which contains as many rice-cakes as there are years in the bride's age, and it is left in the bridal chamber for three days and nights.

So, you see, Great Britain is not quite alone in this new business of commemorative stamps. We shall all, I hope, buy the Wembley stamps, and I think they are going to make thousands of new collectors, because stamps are such a fascinating study, and because, when you go to Wembley, you can't avoid them.

SABO RIDES A RACE.

By E. W. LEWIS.



SABO had often had a ride with Isobel on her pony. It was a good old pony, rather rough in the coat and short in the legs, but a great favourite. Isobel had learned to ride on it when she was a wee girl. It was called Bang, and it had a thick fringe of hair which came down over its eyes.

Isobel was now almost too old to ride on a pony, and was expecting before long to have a horse, a proper horse, one that could gallop and jump over hedges. For Uncle Harry, who was beautifully rich, had promised to give her a horse, and to take her hunting with him.

So, although Sabo had often ridden on a pony, he had never yet ridden on a horse; and the first ride he had upon a real horse was the most wonderful ride he would ever have, even if he lived to be as old as Methuselah.

It was all on account of Uncle Harry. Uncle Harry was not only a hunter in the wild places of the world, but he was also a gentleman rider; which means that sometimes he used to ride in horse races, not for money, but for the love of riding. He had several horses, but his favourite, whose name was Grey Lady, was the pick of the stable.

One day there happened to be a steeplechase

—which means a race where the horses are ridden over hurdles and water-jumps—at a place not very far from where Isobel lived; and Uncle Harry was going to ride Grey Lady in one of the races. He had promised to take Isobel with him; and, just when they were leaving the house, he caught sight of Sabo.

"Let's take him for luck," said Uncle Harry. So Sabo went with them to the races.

There were hundreds and hundreds of people there; so many, that Sabo thought that all the world must have come to see Uncle Harry ride. In the grand stand, and round about—the place was black with them.

When the time came for Uncle Harry's race, he left Isobel with her friends, and took Sabo with him. Sabo was very proud. Still more proud was he when he found himself sitting with Uncle Harry on Grey Lady's back. Uncle Harry wore green silk and a red racing cap; and Sabo had never seen him look so splendid before. And when they went down from the paddock to the course, Sabo thought that the horse was stepping on springs.

"Now, we've got to win this race!" Uncle Harry said in Sabo's ear, as they turned at the starting-post; and the next minute they were off.

Never since that day when he rode on the back of an elephant had Sabo gone at such a speed. It was far faster than that! The grand stand, with all the people standing in a thick crowd, went by in a flash. The horses were all in a bunch together, hugging the rails.

Isobel, looking through her field-glasses, could see them; at least, she could see the green

silk and the red cap. "They're in front," she said in an excited whisper. "Do you think they'll win?"

Of course that is what should have happened, but it didn't. For, as Isobel watched them coming round a bend in the far distance, not in a bunch now, but spread out a little, going like mad, and at full stretch, she saw Grey Lady, who was leading, come over the hurdles and—oh, dear!—fall. The green silk and the red cap, which was Uncle Harry, rolled over and over on the ground, and Isobel saw the other galloping horses go over him.

Grey Lady was on her feet in a twinkling, and Sabo, to his astonishment, found himself on her back. He clung on for dear life. He saw the reins in front of him, and, in order to get hold of them, he crawled up Grey Lady's neck! This must have frightened the horse, for, the next moment, she was flying through the air as if all the wolves in Russia were at her heels. She scarcely seemed to touch the ground. She overtook the horses who had gone in front of her, with her ears back and her neck thrust out. She passed them like a streak. The people shouted. Sabo, clinging like grim death, heard nothing but a roar of voices.

Grey Lady had passed the winning-post and the race was over. She slithered on the grass, pulled herself up, and went panting to where Uncle Harry, who was not hurt, was coming to meet her.

"Well done, little man!" said Uncle Harry, to Sabo, as he took him down.

And for the rest of the day Sabo was the centre of attraction.

Another Sabo story next week.



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Edinburgh Programme.

Week Beginning Sunday, 8th June.

SUNDAY, 8th June.

3.0-5.30. } Programmes S.B. from London.
8.0-10.30. }

MONDAY, 9th June.

3.30-4.30.—Orchestra of St. Andrew Square Picture House (Musical Director, F. H. Cooper Wilcox).

5.0-6.0.—EDINBURGH CHILDREN'S CORNER.

7.0-12.0.—Programme S.B. from London.

TUESDAY, 10th June.

5.0-6.0.—EDINBURGH CHILDREN'S CORNER.

7.0 onwards.—Programme S.B. from London.

WEDNESDAY, 11th June.

3.30-4.30.—Orchestra of St. Andrew Square Picture House (Musical Director, F. H. Cooper Wilcox).

5.0-6.0.—EDINBURGH CHILDREN'S CORNER.

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

GEORGE MACDONALD, C.B., LL.D., F.B.A., etc. (Secretary, Scottish Education Department), on "Broadcasting in Ancient Times." Local News.

7.30-11.30.—Programme S.B. from London.

THURSDAY, 12th June.

5.0-6.0.—EDINBURGH CHILDREN'S CORNER.

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

PERCY SCHOLES. S.B. from London.
Radio Society Talk. S.B. from London.
Local News.

7.35.—ERIC SCOTT (Entertainer at the Piano), in Selections from his Repertoire.

7.45. WINIFRED ALLAN (Mezzo-Soprano).
"Vissi d'Arte" ("Tosca") Puccini
"A Memory" A. Goring Thomas

7.55. ALEXANDER HOPE (Bass-Baritone).
"Toreador Song" ("Carmen") Bizet

8.0.—Mr. ARTHUR PORTAGE (Firemaster, Edinburgh Fire Brigade), on "The Origin and Historical Survey of the Fire Fighting services."

(Centenary of Edinburgh Fire Brigade.)

8.15. BERNARD BEERS (Solo Cello).
1st Movement from Cello Concerto. Lalo

8.30.—Eric Scott in Selections from his Repertoire.

8.40. Winifred Allan.
"To Daisies" Roger Quilter (1)

"I Heard You Singing" Eric Coates

"Pluck this Little Flower"
Landon Ronald (5)

8.50. Bernard Beers.
"Arioso" J. S. Bach

"Allegro Spiritoso" Senalio

9.5. Alexander Hope.
"The Blind Ploughman" Coningsby-Clarke

"Roadways" Lohr

"The Yeoman's Wedding Song"
Poniatowski (1)

9.18.—FRANK OLDREIVE, on the British Empire Leprosy Relief Association.

9.30. Alexander Hope.
"My Love She's But a Lassie"
Trad. arr. Short

"Border Ballad" Cowen (1)

9.40. Winifred Allan.
"A Spirit Flower" Campbell-Sifton

"Lie There, My Lute" Hamish McCunn

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

Mr. E. LE BRETON MARTIN. S.B. from London.

Local News.

10.30.—Close down.

FRIDAY, 13th June.

3.30-4.30.—Orchestra of St. Andrew Square Picture House (Musical Director, F. H. Cooper Wilcox).

5.0-6.0.—EDINBURGH CHILDREN'S CORNER.

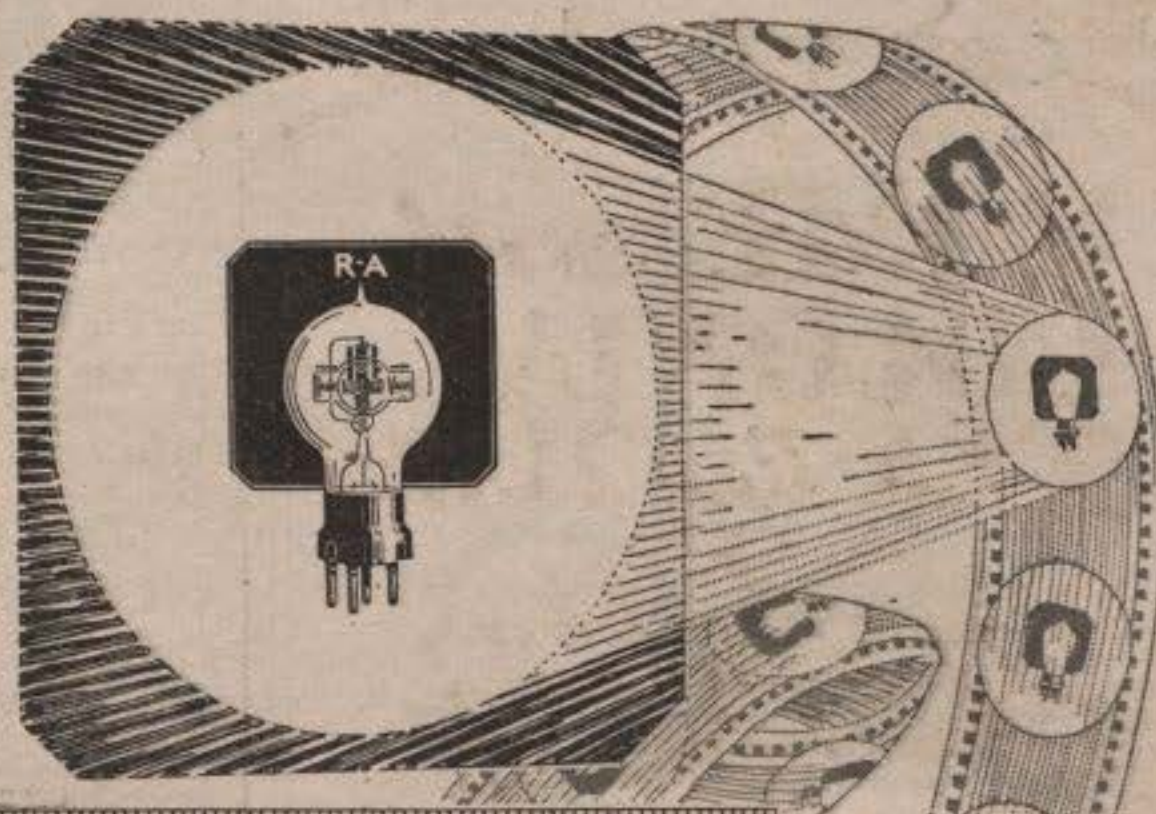
7.0-11.0.—Programme S.B. from London.

SATURDAY, 14th June.

5.0-6.0.—EDINBURGH CHILDREN'S CORNER.

7.0-12.0.—Programme S.B. from London.
Announcer: G. L. Marshall.

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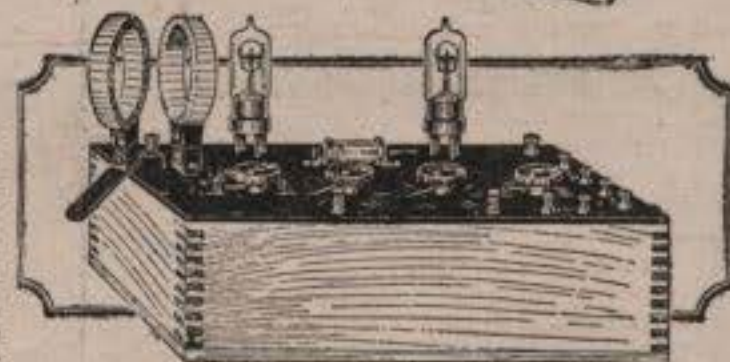
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G.A.

Liverpool Programme.

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Aria in B Flat *Smart* (11)
Finale in D *Lammens*
Overture (Zanetta) *Auber*
"Salut d'Amour" *Elgar*
"Coronation March" *Meyerbeer* (11)
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Musical Director: Ch. Inspector C. R. BICKS.
(By Kind Permission of the Watch Committee and Chief Constable Francis Caldwell, C.B.E., M.V.O.)
Overture, "Der Freischütz" .. *Weber* (1)
- 8.10. EMILY BROUGHTON (Soprano).
Songs, Selected.
JAMES HOWELL (Bass).
Songs, Selected.
- 8.30. The Band.
"Tableau Musical" *Rimsky-Korsakov*
- 8.45.—Mr. J. C. W. REITH (Managing Director, B.B.C.), introducing the Lord Mayor.
- 9.0.—Time Signal from Big Ben.
OPENING SPEECHES.
S.B. to all Stations.
THE LORD MAYOR OF LIVERPOOL
(ARNOLD RUSHTON, Esq., J.P.)
Sir WILLIAM ABBOT HERDMAN, C.B.E.,
D.Sc., LL.D., F.R.S., F.L.S. Emeritus
Professor, Liverpool University.
- 9.30. The Band.
Suite, "L'Arlésienne" *Bizet*
- 9.45. Emily Broughton and James Howell.
Songs, Selected.
- 10.0.—NEWS and WEATHER FORECAST.
S.B. from London. Local News.
- 10.15. The Band.
Selection, "Merrin England" *German*
- 10.30.—Close down.

THURSDAY, June 12th.

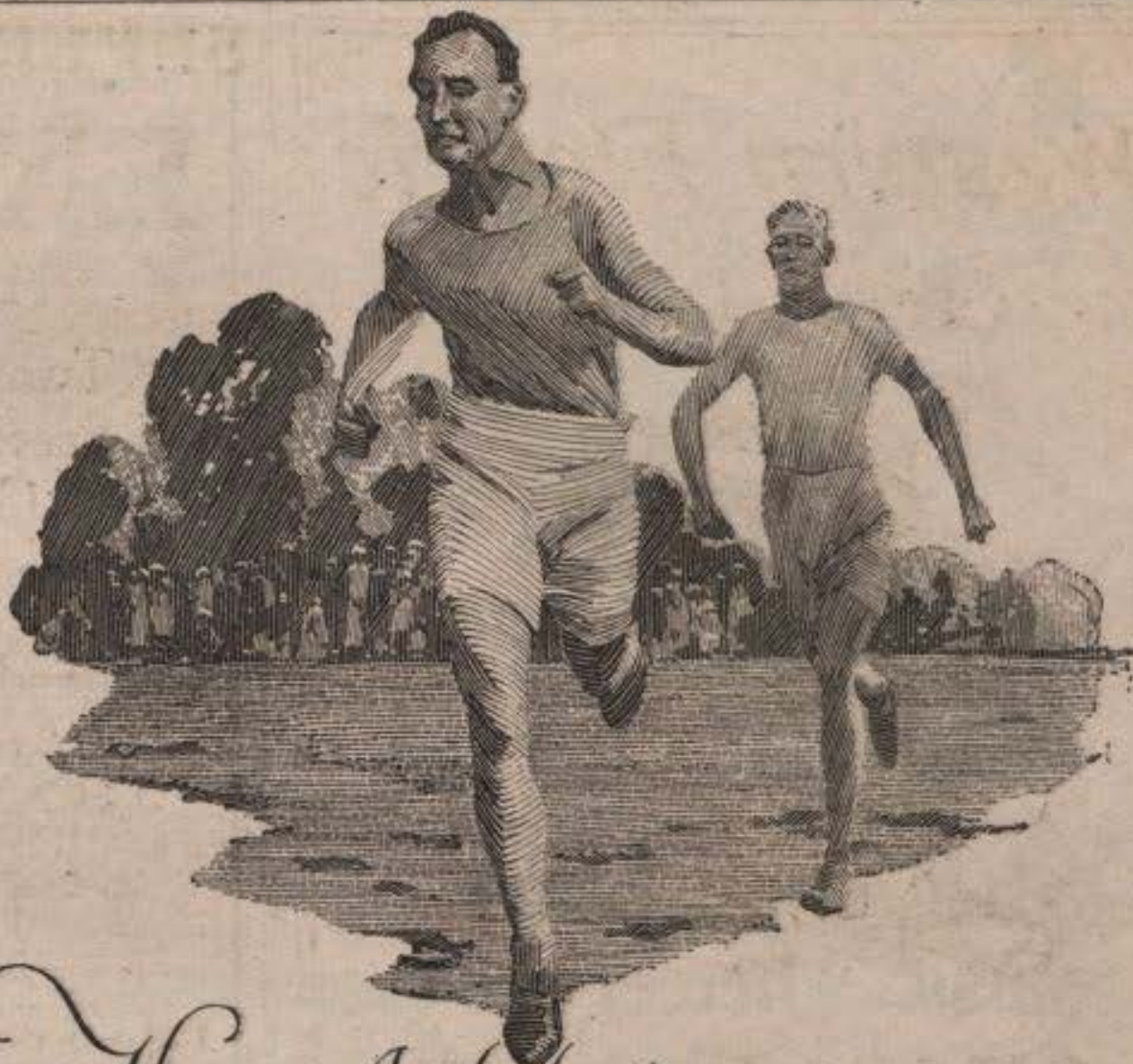
- 4.0-5.0.—Gaillard and his Orchestra, relayed from the Scala Picture House.
- 5.30-6.15.—THE KIDDIES' CORNER.
- 7.0-11.0.—Programme *S.B. from London.*

FRIDAY, June 13th.

- 4.0-5.0.—Gaillard and his Orchestra, relayed from the Scala Picture House.
- 5.30-6.15.—THE KIDDIES' CORNER.
- 7.0.—NEWS and WEATHER FORECAST.
S.B. from London. Local News.
- THE LIVERPOOL CHAMBER MUSIC QUINTETTE.
Under the Direction of LOUIS COHEN.
- 7.15.—Quintette, Op. 44 *Schumann*
- 7.45.—"TANNHAUSER" Act. I. *S.B. from London.*
- 8.53. G. J. JEFFCOCK (Baritone).
Songs, Selected.
- 9.0.—Quartette, No. 17 *Mozart*
- 9.20. AMY TAGGART (Soprano).
"The Star" *Rogers*
"A Birthday" *Cowen*
"To a Daisy" *Quilter*
"Sing, Joyous Bird" *Phillips*
- 9.30. LOUIS COHEN (Solo Violin).
"Chanson Indoue" .. *Rimsky-Korsakov*
"Zéphir" *Hubay*
String Quartette.
"Londonderry Air" *arr. Bridge*
"Molly on the Shore" *Grainger*
- 9.50. Amy Taggart.
"One Fine Day" *Puccini*
"Waltz Song" *German*
- 10.0.—NEWS and WEATHER FORECAST.
S.B. from London. Local News.
- 10.15. S. LEDGARD (Solo Cello).
Sonata in A Major *Bocherini*
Louis Cohen and J. R. Whitehead.
Concerto for Two Violins in D Minor (1st and 2nd Movements) *Bach*
- 10.35. G. J. Jeffcock. Songs, Selected.
- 10.50.—Quintette *Dvorak*
- 11.10.—Close down.

SATURDAY, June 14th.

- 4.0-5.0.—Gaillard and his Orchestra, relayed from the Scala Picture House.
- 5.30-6.15.—THE KIDDIES' CORNER.
- 7.0-12.0.—Programme *S.B. from London.*
Announcer: H. Cecil Pearson.



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Plymouth Programme.
Week beginning June 8th, 1924

SUNDAY, 8th June.
3.0-5.30. } Programmes S.B. from London.
8.0-10.30 }

MONDAY, 9th June.
3.30-4.30.—Savoy Picture House Orchestra.
5.30-6.30.—PLYMOUTH CHILDREN'S HOUR.
7.0-12.0.—Programme S.B. from London.

TUESDAY, 10th June.
3.30-4.30.—Savoy Picture House Orchestra.
5.30-6.30.—PLYMOUTH CHILDREN'S HOUR.
7.0.—NEWS and WEATHER FORECAST.
S.B. from London.
Mr. C. W. J. UNWIN. S.B. from London.
Local News.
7.30-8.0.—Interval.

Local Concert.
8.0. WINIFRED GRANT (Pianoforte).
IRENE BUCKINGHAM (Violin).
Duet, Beethoven-Kreisler Sonata
Irene Buckingham (Violin Soli).
Rondo Mozart-Kreisler
Bolero German
WALTER BILLING (Baritone).
"Vulcan's Song" ("Philemon et Baucis")
Gounod. (1)
"There's a Hill by the Sea" Lohr
MARGARET SOUTHARD (Soprano).
"Queen Mary's Lament" Elgar
"Little Waves of Bressney" Graham Peel
JACK TRAIN (Comedian).
"And Yet I Don't Know"
Weston and Lee (7)
"Down on the Farm."
WILLIAM LENNOX (Elocutionist).
"The Revenge" (A Ballad of the Fleet)
Tennyson
"The Elf Child; or, Little Orphan Annie"
J. W. Riley
Winifred Grant (Pianoforte Soli).
Sonata (Allegro) Grieg
"Shadow Dance" MacDowell (4)
Irene Buckingham.

9.0. "Elfin Dance" Haydn Wood (14)
"Hungarian Dance" Brahms (11)
Margaret Southard.
"Rose Softly Blooming" Spohr
"The Last Rose of Summer" (Old Irish Air) Traditional
Walter Billing.
"O Star of Eve" Wagner (11)
"Drink to Me Only with Thine Eyes"
Quilter
Jack Train.
"Hokum Town" Weston and Lee (7)
"Last Night on the Back Porch"
Brown-Schraubstader
William Lennox.
"Aux Italiens" Owen Meredith
"The Last Man" Thomas Campbell
Irene Buckingham.
"Mazur" Mlynarski
"Londonderry Air" O'Connor-Morris
Winifred Grant.
"Rhapsodie Hongroise" Liszt
"La Fileuse" Raff (15)

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

WEDNESDAY, 11th June.
3.30-4.30.—Savoy Picture House Orchestra.
5.30-6.30.—PLYMOUTH CHILDREN'S HOUR.
7.0-11.30.—Programme S.B. from London.

THURSDAY, 12th June.
3.30-4.30.—Savoy Picture House Orchestra.
5.30-6.30.—PLYMOUTH CHILDREN'S HOUR.
7.0-11.0.—Programme S.B. from London.

FRIDAY, 13th June.
3.30-4.30.—Savoy Picture House Orchestra.
5.30-6.30.—PLYMOUTH CHILDREN'S HOUR.
7.0-11.0.—Programme S.B. from London.

SATURDAY, 14th June.
3.30-4.30.—Savoy Picture House Orchestra.
5.30-6.30.—PLYMOUTH CHILDREN'S HOUR.
7.0-12.0.—Programme S.B. from London.
Announcer: Clarence Goode.

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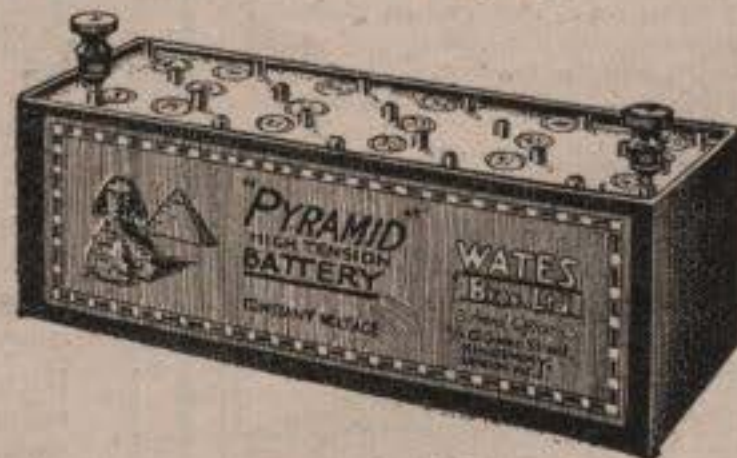
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Sheffield Programme.

Week beginning 8th June.

SUNDAY, 8th June.

3.0-5.30. } Programmes S.B. from Birmingham.
8.30-10.15. }

MONDAY, 9th June.

3.30-4.30.—Programme S.B. from Manchester.
5.30-6.15.—SHEFFIELD KIDDIES' CORNER.
6.15-6.30.—Chat with Older Kiddies.
7.0-12.0.—Programme S.B. from Birmingham.

TUESDAY, 10th June.

3.30-4.30.—Orchestra and Organ Recital by J. W. Strickland, relayed from the Albert Hall.
5.30-6.15.—SHEFFIELD KIDDIES' CORNER.
6.15-6.30.—Chat with Older Kiddies.
7.0 onwards.—Programme S.B. from Birmingham.

WEDNESDAY, 11th June.

3.30-4.30.—Programme S.B. from Birmingham.
5.30-6.15.—SHEFFIELD KIDDIES' CORNER.
6.15-6.30.—Chat with Older Kiddies.
7.0-11.30.—Programme S.B. from Birmingham.

THURSDAY, 12th June.

3.30-4.30.—Orchestra and Organ Recital by J. W. Strickland, relayed from the Albert Hall.
5.30-6.15.—SHEFFIELD KIDDIES' CORNER.
6.15-6.30.—Chat with Older Kiddies.
7.0-11.0.—Programme S.B. from Birmingham.

FRIDAY, 13th June.

3.30-4.30.—Programme S.B. from Manchester.
5.30-6.15.—SHEFFIELD KIDDIES' CORNER.
6.15-6.30.—Chat with Older Kiddies.
7.0.—NEWS and WEATHER FORECAST.
S.B. from London.
Local News.

7.15 THE MOORHEAD QUARTETTE
(Piano, Violin, Cello, and Clarinet).
"Old Comrades" Teike
"La Cinquantaine" G. Marie
CLARA NORTH (Soprano).
"One Fine Day" ("Madame Butterfly")
Puccini
"Lament of Isis" Granville Bantock
7.45.—"TANNHAUSER," Act I. S.B. from London.

8.50 Quartette.
Selections { "Rigoletto" Verdi
"Betty" Rubens
MARJORIE GILL (Contralto).
"The Erl King" Schubert
"In Summertime on Bredon" Graham Peel
Quartette.

Selections { "Antoine and Cleopatra" Zerco
"Kissing Time" Caryl
10.0.—NEWS and WEATHER FORECAST.
S.B. from London.
Local News.

10.15.—Cello Solo, "Slumber Song" ... Squire
Clara North.

"Good-bye" Tosti
"Songs of England" (1)
Quartette.

Meditation in C Squire (1)
Selection, "The Bohemian Girl" ... Balfe
Marjorie Gill.

"The Sands o' Dee" Fredk. Clay
"Sink, Red Sun" Teresa del Riego
Quartette.

Violin Solo, "Le Cygne" Saint-Saens
Selection, "Il Trovatore" Verdi
March, "Vimy Ridge" Bidgood

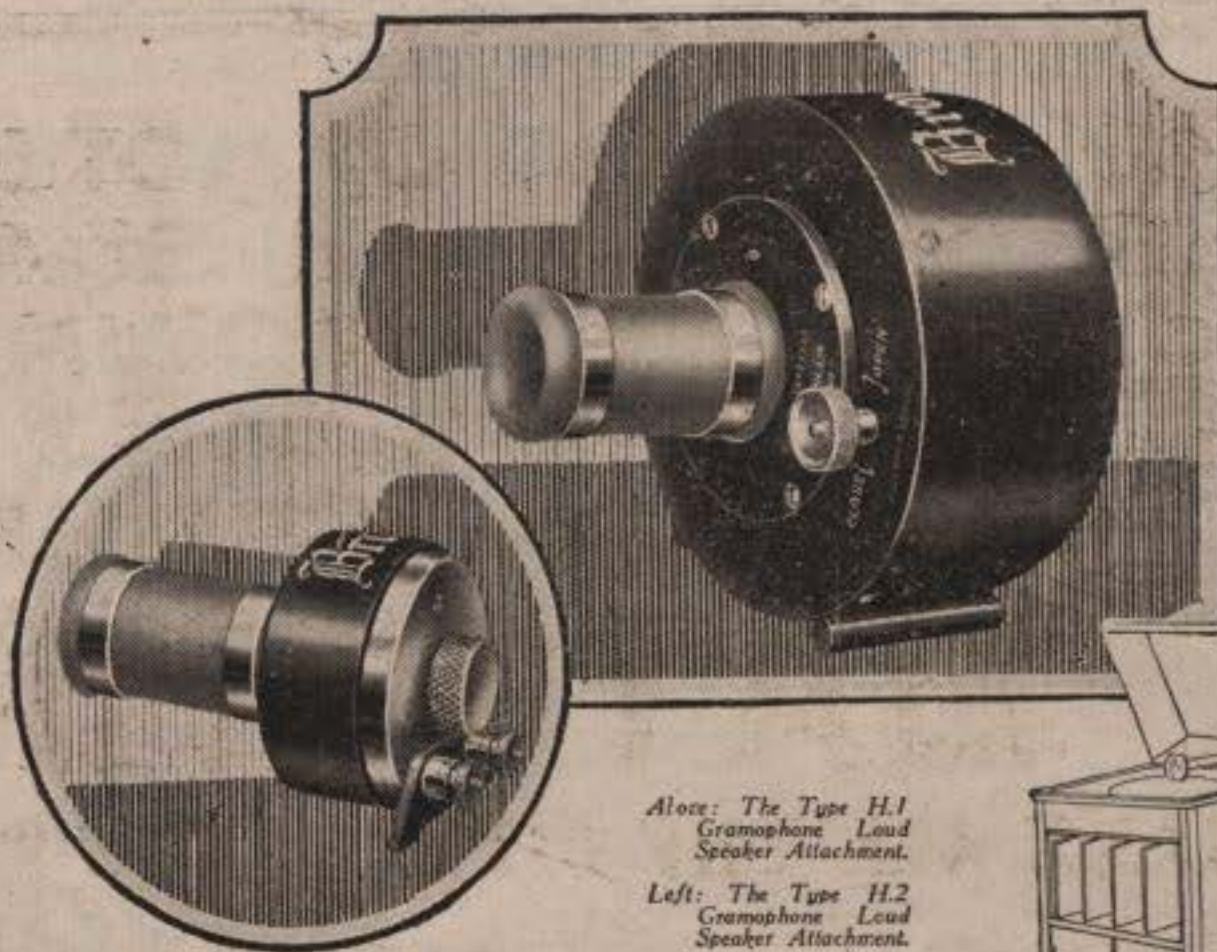
11.15.—Close down.

SATURDAY, 14th June.

3.30-4.30.—Programme S.B. from Birmingham.
5.30-6.15.—SHEFFIELD KIDDIES' CORNER.
6.15-6.30.—Chat with Older Kiddies.
7.0-12.0.—Programme S.B. from Birmingham.

Announcer: H. C. Head-Jenner.

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 449.



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Left: The Type H.2 Gramophone Loud Speaker Attachment.

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3430	(RIVIERA ROSE, Waltz - - - - -)	
	(YOU'RE IN KENTUCKY, SURE AS YOU'RE BORN, Fox-Trot - - - - -)	
3431	(TWELVE O'CLOCK AT NIGHT, Fox-Trot - - - - -)	10-inch,
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3395	(MAGGIE! YES, MA! Fox-Trot - - - - -)	each.
	(THAT'S EVERYTHING, Fox-Trot - - - - -)	
3374	(I LOVE YOU, Fox-Trot - - - - -)	
	(WHEN IT'S NIGHT TIME IN ITALY, IT'S WEDNESDAY OVER HERE, Fox-Trot - - - - -)	
3373	(MADAME POMPADOUR, Waltz - - - - -)	
	(" " "Joseph" Fox-Trot - - - - -)	
3376	(I LOVE YOU (LITTLE JESSIE JAMES), Fox-Trot - - - - -)	
	(LINGER AWHILE, Fox-Trot (Savoy Havana Band) - - - - -)	

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3435	(PASADENA, Fox-Trot - - - - -)	
	(I LOVE MY CHILI BOM-BOM - - - - -)	
3402	(MARCH OF THE MANNIKINS, Fox-Trot - - - - -)	
	(PASSIONETTA, Fox-Trot - - - - -)	
3394	(GIGOLETTE, Fox-Trot - - - - -)	10-inch,
	(WALTZ ME TO SLEEP IN YOUR ARMS - - - - -)	3/-
3351	(I LOVE ME (I'M WILD ABOUT MYSELF), Fox-Trot - - - - -)	each.
	(WHISTLING, Fox-Trot - - - - -)	
3349	(LAST NIGHT ON THE BACK PORCH, Fox-Trot - - - - -)	
	(THE OOM-PAH TROT, One-Step - - - - -)	
3203	(THREE O'CLOCK IN THE MORNING, Valse - - - - -)	
	(SWANEE SMILES, Fox-Trot - - - - -)	

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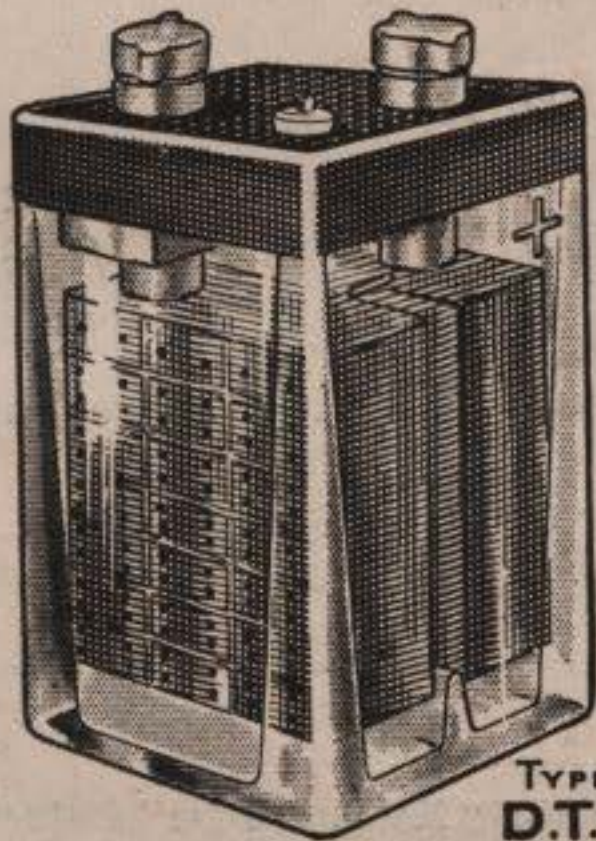
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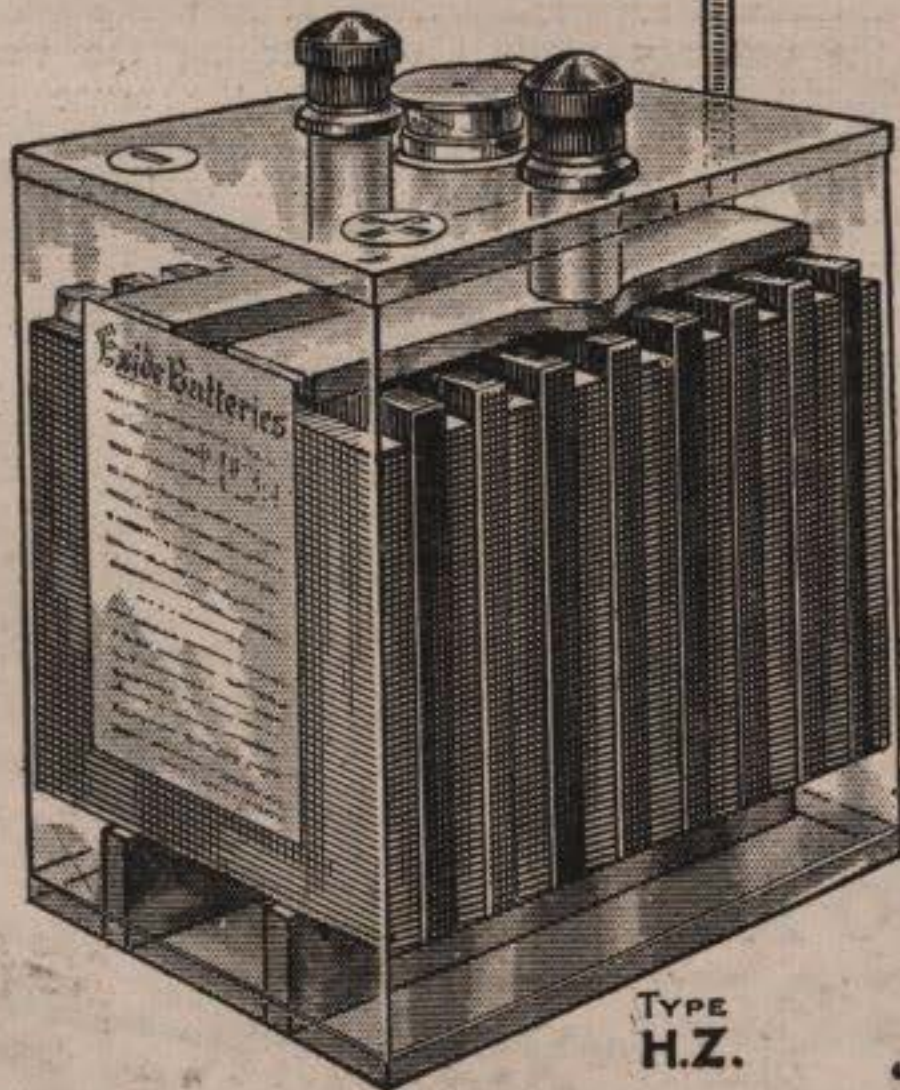


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BATTERY



TYPE
D.T.G.



TYPE
H.Z.

*For
Summer Use*

Long, light nights, with the out-of-doors calling, mean less work for Radio Sets.

These are the batteries for Summer-time. Unless the whole charge is previously taken out they only need

**RE-CHARGING EVERY
6 MONTHS.**

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GLASS BOXES,
HEAVY PLATE,
2 VOLTS.

Capacity 20 ampere hours
at slow intermittent
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Supplied dry and fully
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Suitable for .06 amp.
Dull Emitter Valves.

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CELLULOID BOXES,
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Capacities:
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Suitable for
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Radio Headphones

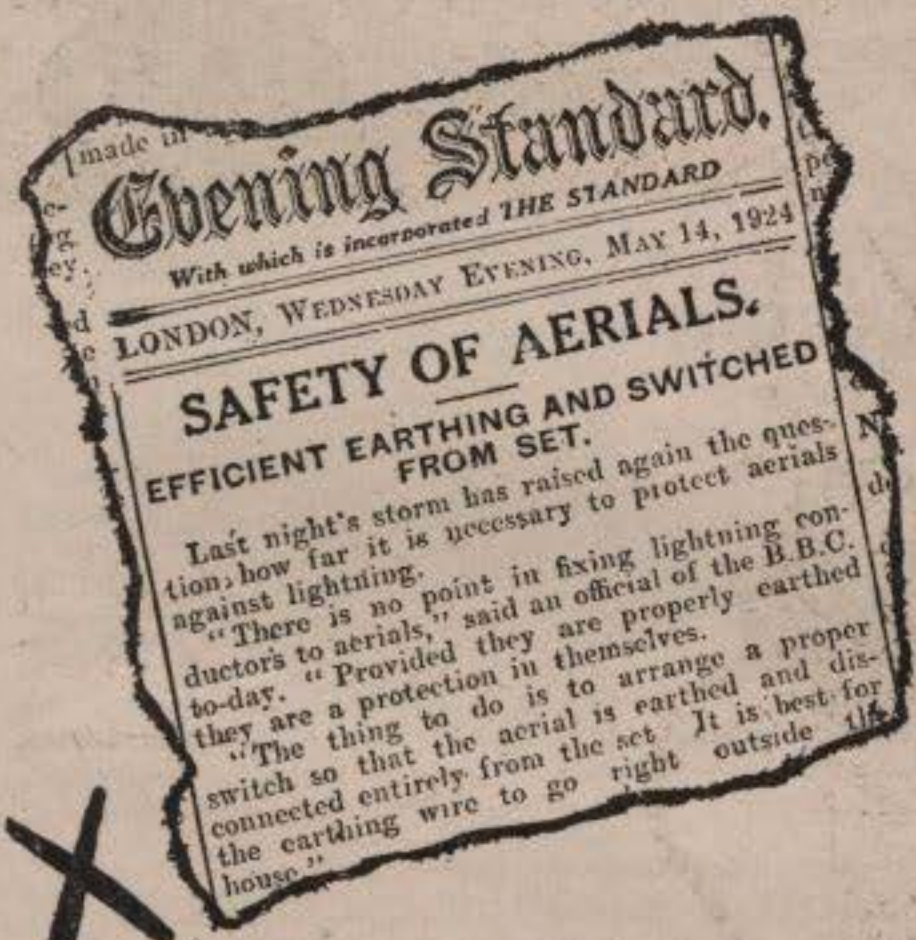
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Protect your Set

from possible damage
by lightning



The Burndept Aerial Safety Switch

THUNDERY weather is approaching—we have already had some—for safety's sake you must switch your aerial efficiently. The Burndept Aerial Safety Switch is essential if you wish to protect your set from possible damage by lightning. Better be certain of safety.

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- (1) I enclose cheque / P.O. for 12/6. Please send me, post free, one Burndept Aerial Safety Switch.
- (2) Please send publication No. 26, describing the Burndept Aerial Safety Switch.
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ADDRESS.....

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The "Super 2" shown below provides a superior quality set at a popular price. It will receive any British or Continental telephony, even when the nearest Broadcasting Station is working.

Price: Complete with H.T. Battery, Accumulator, Aerial with Insulators, and 1 pair of 4,000 ohm, headphones.

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Extras: B.B.C. tax 15/-; Marconi Tax 25/- and 2 valves.

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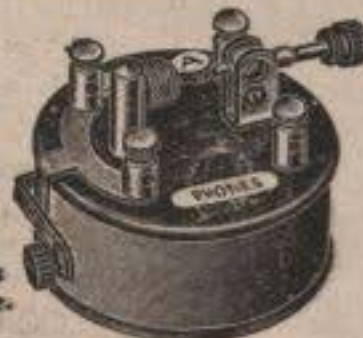
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REGD. "Revo" REGD. "LITTLE GEM" Crystal Receiving Set

Plus 1/- net **5/6** Postage
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PERFECT RECEPTION—
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They cost less and hear more.



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each.
4,000 ohms the pair.

REVO LIGHTWEIGHT WIRELESS HEADPHONES.

Instantaneously adjustable without releasing any screws

A Better Headphone cannot be made. Built up to Quality not down to a Price.

BRITISH MADE AT OUR OWN WORKS.

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

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

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

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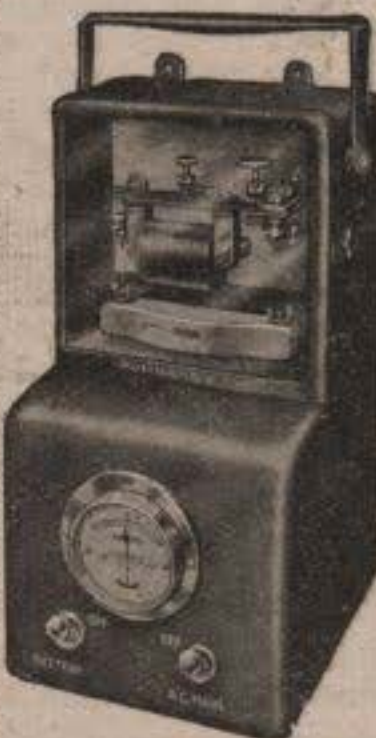
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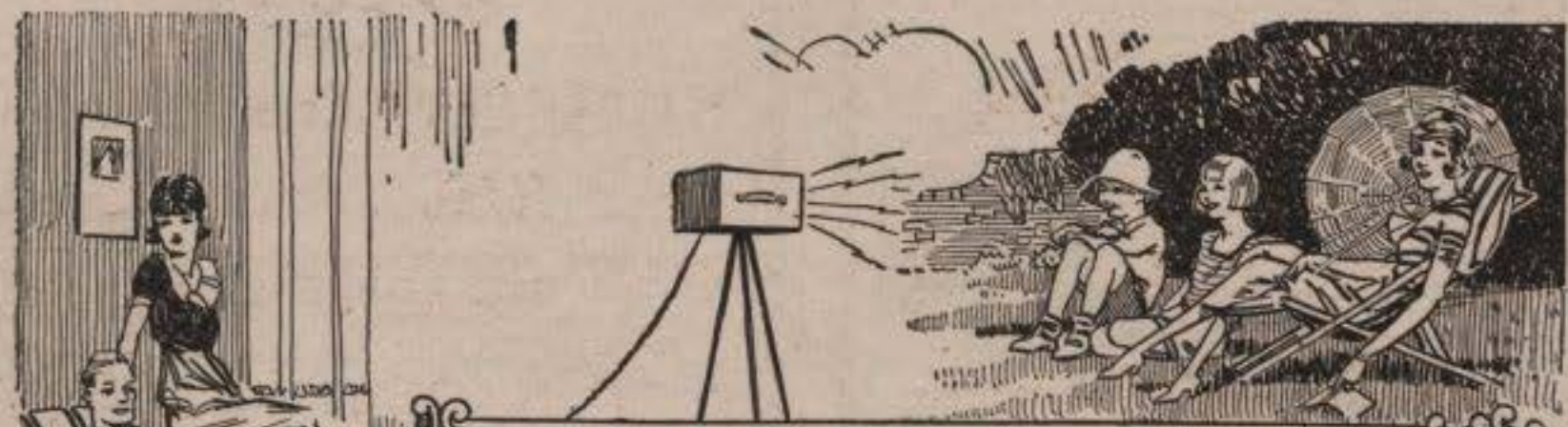
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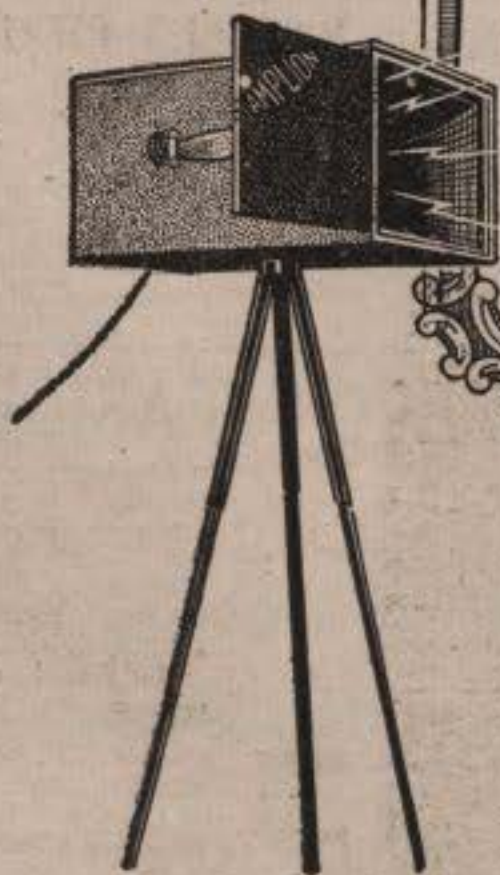
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That is what everyone says on listening-in through the Acme No. 1 Crystal Set, and it proves what a difference to reception a carefully-designed set can make. The special feature of the Acme is the Regd. variometer, which ensures rapid picking-up, brilliant clarity and freedom from interference. Other distinguishing features are the polished mahogany cabinet, which keeps all important parts free from dust and damp—nickel-plated metal fittings which give perfect contact—and the internal arrangement of the parts which makes for simplicity, durability and freedom from trouble. This is decidedly the set you want for the sheer joy of easy listening-in: it picks up messages up to 40 miles.

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Send for Catalogue, and buy all School Wear from the firm Specializing in that only.

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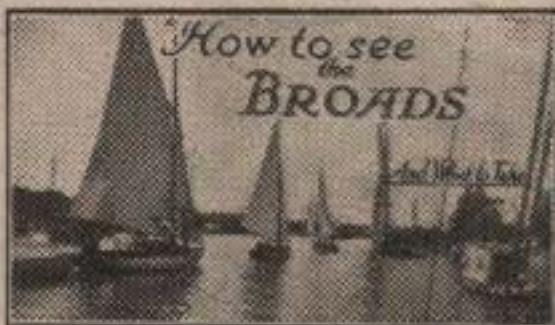
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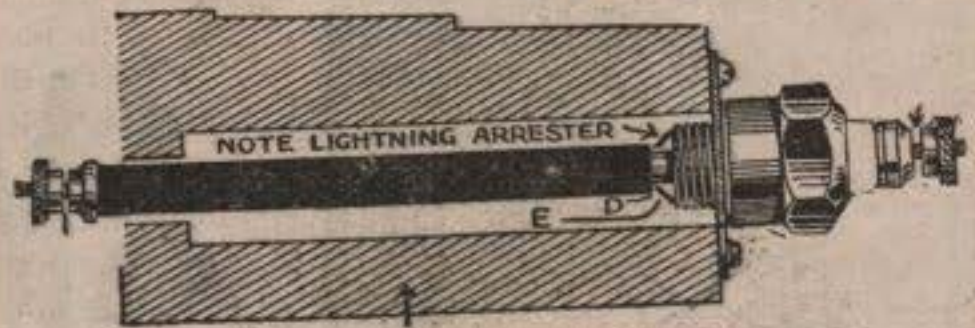
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Simply open up, tune in and listen.

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No Aerial or accumulators required.

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Tuning is accomplished by the use of the well-known Edison Bell variometer, which is wound suitable for broadcast reception on any P.M.G. aerial. The detector is of the now well-known TWIN type.

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(Including B.B.C. Tariff.)

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when added to the crystal receiving set, amplifies the received telephony from ten to twenty times and will increase the headphone range up to at least 40 miles on an ordinary outdoor aerial.

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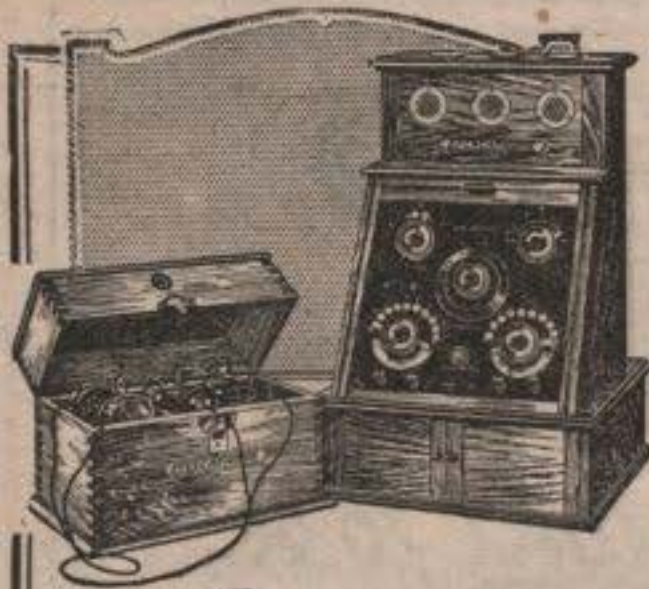
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The "Nelson" "Efescaphone" 3-valve set enables you not only to listen-in to all British Broadcasting Stations, but also, owing to its wide wave length range, covering 150/4,000 metres, to pick up Continental stations. The Nelson 3-valve set illustrated will receive all stations in Great Britain, in addition to Continental stations, on headphones and will work up to 75 miles with a loud speaker. The 2-valve set has a range of at least 150 miles with headphones.

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FAWN SHADE FOR

32/6

CARRIAGE
PAID.



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DO NOT CONFUSE THIS COAT WITH LOWER PRICED GOODS NOW OFFERED ON THE MARKET.

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"Your Trench Coat has been my bosom friend during rough weather. It is certainly the smartest fitting coat of its type I have ever seen. The extra wool lining is particularly welcome on cold mornings, while the ease and rapidity with which this can be removed on warmer days is also a valuable feature of the coat. I am, above all, impressed with the amplitude and careful cut of the storm collar. The coat, indeed, is an ideal all-weather coat. Sincerely yours,

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26



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