

# THE OFFICIAL ORGAN OF THE B.B.C.

Vol. 3. No. 37.

[G.P.O. as a Newspaper.]

EVERY FRIDAY.

Two Pence.

# OFFICIAL PROGRAMMES

# 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. Sd.; 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 beard 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 sway 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 presaic 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 Robest 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 goodhumouredly: "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.

### The Broadcasting of Silence.

(Continued from the previous page.)
"Now came still Evening on, and Twilight

Had in her sober Liverie all things clad; Silence accompanied, for Beast and Bird, They to their grassie Couch, these to their

Were slimk, 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.

# Wirekss Drama.

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

Y 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 subconsciously, 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 iacidents 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 subconsciousness 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 subconscious analogy, but an imaginative scene is 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. F. 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 tranmissions to date, was made not only on the personal observation of members of the Committee, but also upon the many reports received from school-masters and others who had been watching the

recent experiments.

by the listener.

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

(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

At the theatre, a king may see a bad, or, at

least, indifferent representation of a palace

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 Moussergsky 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 broadeast 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. | 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.I, 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

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

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.

# Wireless Aidfor 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 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 percentage of successful broadcasts is

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.

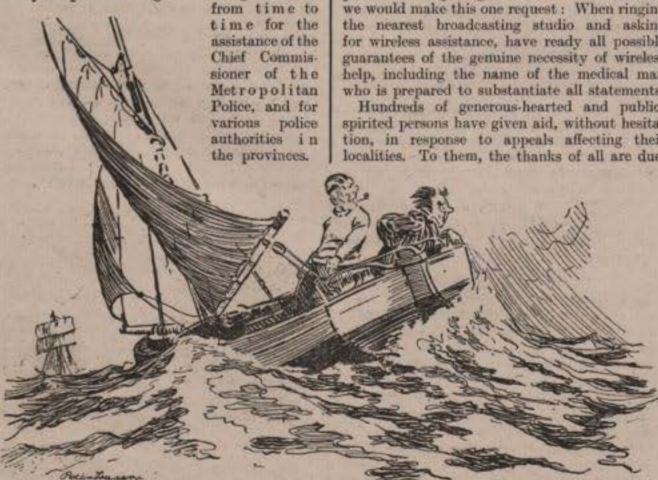
The point requires emphasis, for whilst no curtailment of this important service is contemplated, a number of requests have been received lately for assistance where it has become evident on closer investigation that other channels of communication, possibly equally effective and certainly less likely 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 norma! 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 publicspirited persons have given aid, without hesitation, in response to appeals affecting their localities. To them, the thanks of all are due.



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

### Listeners'

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

### Such is London!

DEAR SIR,-Whilst listening recently, an appalling eacophony 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 t 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 Bournemonth 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 Zine'!"

### 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 elecutionary 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.



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 broadeasting 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 BLACK-WELL

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 Catedral 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 Pekin 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 in-

teresting 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, Redeliffe, 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 Becher. 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 Commissional Commissiona

sioner for Newcastle, and also County Can-Adviser. Two years ago Miss Balls was prevailed upon to stand for the Town Council, but, as six herself says: "fortunately, I did not get in."

# WIRELESS PROGRAMME—SUNDAY

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

### 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" ..... Bagley Overture, "Poet and Peasant" ... Suppe Songs.

" Dedication " ..... (1)
" The Lotus Flower" Robert Schumann "I Murmar Not" ....

" To Sunshine " ......

Pianoforte Soli. Kreisleriana No. 1 in D Robert Schumann Minor

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" ....... Balje (1)

(Cornet, Corpl. G. Regan, D.C.M.
Euphonium, Musen, J. Wilson.)

Ballet Music, "William Tell" ... Rossini
English Songs.

"Linden Lea" ..... Vaughan Williams (1)

"She is Far From the Land"

"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 Bohême. 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.

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.

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.

THE STATION MILITARY BAND. Grand March from "Le Prophète" Overture, " Morning, Noon and Night " 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

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 (Congrega-

tional Church, Edgbaston): Religious Address.

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

THE STATION SYMPHONY ORCHESTRA. 9.0.

Symphony No. 15 in B Flat ("La Reine 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, JEREMY CEDRIC SHARPE.

Quartette, "Satz" ......Schubert

Choir. 8.40. Hymn, "Our Blest Redeemer" (Methodist Hymn Book, 235).

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

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

The Philharmonic String Quartette. 9.0. 

BRYN GWYN (Bass-Baritone).
"Lead Kindly Light" ...... Evans (11)
"The Homeland Hills" ..... Sanderson (1) The Philharmonic String Quartette.

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

The Philharmonic String Quartette.

"Sally in Our Alley" ..... Frank Bridge

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).

Pianoforte Soli : Toccata ..... Sarabande ..... Scarlatti Burlesca Part Songs :

"In the Country "Summer Song" ... Mendelssokn (1)

Violoncello Solo:
Sonata in G Minor Henry Eccles—
1670-1742 Largo; Corrente; Adagio;

Melodie Rochmaninov

Part Songs : "Wandering Song" ..... Mendelssohn
"Friend, Good-bye" Mendelssohn (1)
"Serenade" ...... Mendelssohn

Violoncello Soli : "The Willow Tree" (Old Irish) "Jardin D'Armour " (Old French)

"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 CONGREGA-TIONAL 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 Guetary (b) "Tears Those Dear Eyes Sadden" ..... Granados (c) "When Autumn Leaves are

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.

THE BAND OF THE 3RD BATT. CHESHIRE REGIMENT. Conductor : PAT RYAN. Vocalist : ARTHUR C. HOLLAND

(Baritone). 

Arthur C. Holland. "Song of the Toreador" ..... Bizet " Volga Boat Song" Chaliapine-Koenneman Band.

3.45. Band. Drigo
"Serenade" Luigini
"Ballet Egyptien" Luigini
"In a Monastery Garden" ... Ketelbey (8)

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.)

		Cite racing page.)
The letters "S.B." printed in italics in these programmes signify a Simultaneous Brondcast from the station mentioned.	Choral Society. "My True Love Hath My Heart"	3.0. Organ Recital.  S.B. to Aberdeen.
4.30. Band. Three Dances, "Nell Gwyn" German	"My Love Dwelt in a Northern Land"	Relayed from
Overture, "William Tell" Rossini	"It was a Lover and His Lass"	Springburn Public Hall.  JOHN PULLEIN (Solo Organ), Organist
5.0-5.30.—CHILDREN'S CORNER. S.B. from Aberdeen,	T. Morley-1600, arr. Bridge (11)	of St. Mary's Cathedral.
8.0-8.30S. G. HONEY: Talk to Young	OLIVE TOMLINSON (Solo Pianoforte).	Sonata in B Flat, No. 4 Mendelssohn (1) Allegro con brio; (2) Andante reli-
People.	Rhapsody in B Minor	gioso; (3) Allegretto; (4) Allegro mae-
8.40. Vocal and Instrumental Concert. FLORENCE HOLDING (Soprano).	Capriccio in B Minor	toso e vivace. Prelude
"Caro Mio Ben" Handel	"Sigh No More, Ladies" Stevens (11)	Air Samuel Wesley (11)
"My Heart, Ever Faithful" Bach (11) NORMAN FAWCETT (Solo Pianoforte).	" Beware "	Largo from " New World Symphony" Deorak
Selected items.	Olive Tombinson and A. J. Bull.	3.25. ROBERT WATSON (Baritone).
Florence Holding.	Sonato in A Major, Op. 69 Beethoven (a) Allegro ma non troppo; (b) Scherzo;	"Droop Not, Young Lover" Handel (1) "Come Not When I Am Dead " F. Alliseen
"Loch-an-Eilan" May Gibb (4) "Over the Land is April" Roger Quilter (4)	(c) Adagio; allegro.	" Margaret "F. Allitsen
9.10.—Hymn.	10.0.—NEWS and WEATHER FORECAST. S.B. from London.	3.37. Organ. Pastorale
The Rev. P. CECIL DEAN, Vicar of South Shore: Religious Address.	Local News.	Fantasia and Fugue in C J. S. Back
Hymn,	10.15.—Close down.	Minor
9.30. TOM SHERLOCK (Baritone). "I Triumph, I Triumph" Carissimi (1)	Announcer : E, L. Odhams.	3.58. Prelude 1
"In Sheltered Vale" Old German Melody	Amounter: E. H. Odnams.	Cortège January
S. SPURGIN (Solo Violin). "Romance" Svendsen	ABERDEEN.	Rhapsodie in A Minor, No. 3 Saint-Saëns Angelus from "Scènes Pittoresques"
" Legende " Wieniawski	3.0.—ORGAN RECITAL. S.B. from Glasgow.	4.18. Robert Watson.
Norman Fawcett. Selected items.	5.0-5.30.—CHILDREN'S CORNER. S.B. to all Stations.	"To His Mistress" Hubert S. Ryan
10.0.—NEWS and WEATHER FORECAST. S.B. from London.	8.30. MARIE SUTHERLAND (Solo Pianoforte).	"Come and Trip It," M. Carmichael (5) "False Phyllis" arr. Lane Wilson (1)
Local News.  10.15. Tom Sherlock.	Piano Concerto	4.28. Organ,
"Bright is the Ring of 1	9.0.—GREYFRIARS UNITED FREE	Poco Allegro H. Purcell Trumpet Tune and Air
Words" Williams (1)	CHURCH CHOIR: Hymn 128. The Rev. W. CAMERON CLARKE, Grey.	H. Purcell—1658-1695 Ronde Française
"Ave Maria" Schubert	friars U.F. Church : Religious Address.	Evening Song
"Czardas" Monti	Choic : Hymn 300.	Elgar (1)
10.30.—Close down.	9.15 BURNET FARQUHAR (Solo Flute). Concerto No. 1 for Flute	5.0-5.30,-CHILDREN'S CORNER, S.B. from Aberdeen.
Announcer: Victor Smythe.	(With Orchestral Accompaniment.)	8.30. "58C'S" PSALMODY QUARTETTE. Psalm 61 (1-4) (Tune 121 "Salzburg").
NEWCASTLE.	9.35.—R. E. JEFFREY: Another Bible Story, "Ruth and Naomi," with Orchestral Accompaniment.	8.35 The Rev. W. WHITE ANDERSON,
3.0. THE CONSERVATOIRE QUARTETTE.	10.0NEWS and WEATHER FORECAST.	M.C., M.A., of Bellahouston Parish Church: Religious Address.
Quartette for Piano and Strings in E. Flat Dvorak	S.B. from London,  Local News.	8.50. "58C'S" Psalmody Quartette. Psalm 33 (1-5) (Tune 73" Irish").
(a) Allegro con fuoco; (b) Lento. FREDERIKKA WALLIS.	10.15. THE WIRELESS ORCHESTRA.	8.55. THE WIRELESS QUARTETTE.
" God is Aye Our Sun and Shield " Back	Overture, "Melusine" Mendelssohn	Overture, "Marinarella" Fucik Suite, "From the Samoan Isles" Geehl (1)
"An Evening Hymn"	10.25.—Close down,	9.17. DOUGLAS SHARPINGTON (Baritone).
" Devotion " Schumann	Announcer: W. D. Simpson.	"The Birds"
" Don Juan's Serenade" Tchaikocsky Quartette.	OI COOOM	9.27. Quartette.
Quartette in E Flat Dvorak	GLASGOW.	Entractes   Minuet in F Logan
(c) Allegretto. Moderato. Grazioso. (d) Finale: Allegro ma non troppo.	"On Earth and Sea, Heaven's concords flow, A Psalm to him who hears,	9.35. Douglas Sharpington.
Frederikka Wallis. "The Walnut Tree" Schumann	And e'er as listening souls will know,	"Yagabond"
"Now Sleeps the Crimson Petal"	Resounds throughout the spheres." -W. J. Jenkins.	9.45. Quartette.
Harry Corry. Quilter (1)		Selection, "The Mastersingers" Wagner-Tavan
" Port of Many Ships "	WAVE-LENGTHS	10.0NEWS and WEATHER FORECAST.
"Mother Carey") Ballads " Keel	AND CALL SIGNS.	S.B. from London. Local News.
4.30-5.0.—Interval.	LONDON (2LO) 365 Metres ABERDEEN (2BD) 495 ,,	10.15. Douglas Sharpington.
5.0-5.30.—CHILDREN'S CORNER. S.B. from Aberdeen.	BIRMINGHAM (SIT) - 475 "	"Old Motherlaidin-Wool " Martin Shaw (2) "Old Clothes and Fine Clothes"
8.30. THE "5NO" CHORAL SOCIETY. Conductor: R. C. PRATT.	BOURNEMOUTH (6BM) - 385 ", CARDIFF (5WA) - 351 ",	Martin Shaw
"Spirit of Mercy, Truth and Love."	GLASGOW (5SC) - 420	10.25. Quartette. "Coronation March" Eilenberg
8.35.—The Rev. C. F. KNYVETT, Vicar of Benwell: Religious Address.	MANCHESTER (2ZY) = 375 " NEWCASTLE (5NO) = 400 "	10.30.—Special Announcements. Close down.
8.50. Choral Society.	SHEFFIELD (6FL) 303	Approuncer: Herbert A. Carruthers.
"Come, Holy Ghost, Our Souls Inspire."  A. J. BULL (Solo 'Cello).	PLYMOUTH (5PY) 325	Control of the Contro
"Kol Nidrei" Bruch	EDINBURGH (2EH) + 325 " LIVERPOOL (6LV)	A number against a musical item indicates the name of its publisher. A key list of publishers will be found on
"Serenade" Glasounoc		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.

Stations.

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

,9.50.—Foden Williams in further Items from his Repertoire. S.B. to other Stations.

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.

### BOURNEMOÜTH.

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.

9.5. Arthur Marston. Chaminade (5)

"A Little Twilight Song" Clarke

"A Bowl of Roses" Martin Shaw (2)

(Charles Leeson, Accompanist.)

Selection, "Merrie England"...Ed. German

Orchestra.

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. 7.50-8.0.-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.

"Caprice Viennois" ...... Kreisler
Frank Bailey.

Songs, selected.

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 Weallans (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 IL 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
- 8.50. A. M. Shinnie (Entertainer at the Piano).
- 9.0. Sydney Coltham. Eric Coates
  " A Garden in Brittany" ... Gulliland (23)
- - "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.

- 0.30. Douglas Sharpington.
  - " Ho, Jolfy Jenkin " (" Ivanhoe ") Sullivan " Bois Epais" (" Amadis") ..... A. L. (1)
  - " Loving Smile of Sister Kind" (" Faust")
- 10.40. A. M. Shinnie (Entertainer at the
- 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
- 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 (Eleentionist).
  - "Helen of Kirkconnel" 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 442.

# 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, 9.8.—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.

- 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, 9.22.—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 aignify a Simultaneous Broadcast from the station men-

### 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. Con-

cert: "Books Worth Reading," by Jenny Wren. Organ and Orchestral Music relayed from the Shepherd's Bush Pavilion. Mrs. Gordon Stables on "Caravan Furnishings."
6.0-6,15.—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 jory Booth (Contralto).

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

7.0.—TIME SIGNAL FROM BIG BEN, IST GENERAL NEWS BULLETIN and WEATHER FORECAST. S.B. to all

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.

### 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 PAL-MER) will render Love Duets from the

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 Artistes 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, Con-

ducted 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.

8.30.—6.45.—'Teens' Corner: Cyril Midgley, B.Sc., F.R.G.S., on "Does Climate Change ?"

J.O.-NEWS and WEATHER FORECAST. S.B. trom London. Local News.

D. STANLEY FRANCIS on "Forestry."

7.30—8.0.—Interval. 6.0 onwards. - The entire Programme S.B. from

Announcer : A. Pelham.

### BOURNEMOUTH.

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 Local News.

7.30-3.0.-Interval.

8.0 onwards .- The entire Programme S.B. from

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 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.

Orchestra.

March, "Sons of the Brave" .....Bidgood
"Two Little Dances" ......Finck Songs.

"Love and Wine" ("Gipsy Love") Lehar "Song of the Clock" ....... Rex Burchell 9.10. Robert Pitt and Langton Marks will

Entertain. Selection, "Stop Flirting" 9.20.

......Gershwin 

Resume their Entertainment.

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

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

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."

THE STATION ORCHESTRA. Conductor: WILLIAM A. CROSSE.

Overture, "Orpheus in the Underworld" Offenbach

Selection, "The Maid of the Mountains" Simson

Waltz, "Where the Citrons Bloom" Strauss Selection, "Lilac Time" Schubert-Clutsam 8.0 onwards. - The entire Programme S.B. from

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). THE WIRELESS ORCHESTRA.

Overture, " Carnaval Romain" ..... Berlioz Robert Parker.

Songs, Selected.

8.55. Dorothy Chalmers.
"Caprice Viennois" ...... Kreisler
"Slavonic Dance in G Minor" ..... Drorak Orchestra.

Overture, "Euryanthe" ..... Weber Marie Sutherland.

"Basso Ostinato" ..... Arensky Nocturne in F Sharp } ...... Chopin 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.

10.45. -Close down.

### Tuesday's Programmes.

The latters "S.B." printed in italics in these programmes signify a Simultaneous Brondcast from the station menlioned.

### ABERDEEN: Continued from the facing page-

9.50. Orchestra. Jarnefelt
Lament from "Keltic Suite" Poulds
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 ...... Chopin
Study on the Black Keys

10.30. Robert Parker.

Songs, Selected.
Orchestra.
"Shepherd's Hey"
"Trish Time from County Grainger (II)
Derry"

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 R. 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.

Song Cycle: "Songs of the Northern Hills"

Herbert Oliver (8)

(a) "Of the North I Sing"; (b) "Memory

Song"; (c) "When the Suips 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" Rasse

(1) Prelude; (2) Intermezzo, "Portia";

(3) Oriental March; (4) Prelude No. 2;

(5) "Doge's March."

"Madelina" James
"A Garden in Brittany" Guilland (23)

10.0.—NEWS and WEATHER FORECAST.

Euphonium Solo, "Robin Adair"

Hartmann

Waltz, "Casino Tanze" Gung't

Trombone Solo, "The Nightingale" Moss

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 reckerché style with linen thread, beautiful to behold, marvellous in their whiteness and of resplendent design.

### The Strongest Fibre Known.

Newadays, 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 eats 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 searcity 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 handsewn 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, "Taunhäuser," 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 Italies 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%.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

Mr. CHARLES H. BUTLER: A Talk to Men.

Local News.

7.30-8.0.—Interval.

### Edward German Night. 8.0.

S.B. to other Stations. FREDERIC LAKE (Tenor). JOHN HENRY (Entertainer). THE AUGMENTED WIRELESS ORCHESTRA.

Conducted by DAN GODFREY, Juny. Coronation March ......(11) Overture, "Nell Gwyn."

Tenor Songs. "A Sprig of Rosemary" A Princess of Where Haven Lies" Kensington."

Suite, "The Tempter" (11)

JOHN HENRY on "Music." The Orchestra.

Selection, "A Princess of Kensington." 3.0. 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 Graciense."

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

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 Gutting of a Music

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.

THE WIRELESS ORCHESTRA. Conductor, Capt. W. A. Featherstone. Featherstone

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.

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.

Curtain Music. 10.35. A Sketch. "The Man on the Kerb" 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), Sciriol Forde (Elocutionist), M. Mellor (Lancashire Dialect Enter-

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 Or-

4.45-5.15.—WOMEN'S HALF-HOUR: Mrs. Waddell on "Dr. John Brown of Edin-burgh." 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."

SYDNEY COLTHAM (Tenor). 8.0-11.30 .- The entire Programme S.B. from

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 italies 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).

Choir. Chorus, "Let's Seek the Bower of Robin-hood" Shield Song, "Night" Franz (Soloist: Nancy Carnegie.)

Chorus, "Flow Gently, Sweet Afton" Song, "Leave Me Bewaiting", ..... Handel (Soloist : Ella Sutherland.)

Unison Song, " The Lass With the Delicate 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

R. I. Stephenson. "I Do Like an Egg For My Tea" Leo (7)
"Reflections of a Golf Caddie" ..... Anon Jazz Orchestra. Fox-trot, " And That's Not All "; Onestep, "Darktoun 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.

Jazz Orchestra. " Students' Lancers " ...... (15) R. I. Stephenson.

"Some Politician" ...... Stephenson 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: SC'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 offone, 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

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.
- Elkin and Co., Ltd.
- 5. Enoch and Sons.
- 6. Feldman, B., and Co.
- 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.
- Stainer and Bell, Ltd.
- Williams, Joseph, Ltd.
- 16. Cavendish Music Co.
- The Anglo-French Music Company, Ltd. 17.
- 18. Beal, Stuttard and Co., Ltd.
- 19. Dix, Ltd.
- 20. W. Paxton and Co. Ltd.
- Warren and Phillips.
- Reeder and Walsh.
- 23. West's, Ltd.
- Forsyth Bros., Ltd. 24.
- The Stork Music Publishing Co.
- 26. Messrs. Lareine and Co., Ltd.
- Duff, Stewart and Co., Ltd.
- 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 birdsin 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, 2LO 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 Nova Shandon.

ö.9-6.15.—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, IST 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.

Daniel P

Popular Programme.

VIVIAN WORTH and GRACE IVELL (Entertainers).

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
Buritone Songs:

"The Sailor's Life" (Old English) arr.
"The Fretty Creature" Lane Wilson (I)
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" Myddleton
Patrol, "The B'hoys of Tipperary". Amers
Three Dream Dances...Coleridge-Taylor (1)
Walter Todd will Entertain.

The Orchestra.
Selection, "The Cabacet 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 Cuckoes." S.B. to other Stations. Local News.

10:30. The Orebestra. One-step, "The Coon Band Contest "

Walter Todd at it again.

Vivian Worth and Grace Ivell
will Entertain.
The Orchestra.

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"

Gallahity (16)

A Futuristic Flutter, "The Year 1942"

Potter and Jukes.

Potter and Jukes.

(a) The Bailway Station.(b) The Very Mellow Drama.

Songs by the Ace of Hearts :-

The Ace of Hearts goes "Riding Through the Night" ...... Breville Smith (1) "An Impromptu Duet—More or Less" Willcock (43)

### 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, H.R. W.C.?

"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 alot at the side. Listeners should order this to-day from any Newsagent. It is published at 2a. 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.E.A.E., on Motors and Motoring."

10.30.—CONSTANCE WILLIS (Contraito) 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. LIFF.) 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

Lord News.

10.30. John Henry and Blossom.

10.45.—Close down.

Announcer: John H. Raymond.

mounted a donn are treatment

### 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.L., K.C.L.E. Comradios 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.

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

arr. Baynes (1)

Yearsley (23)

Cohan (6)

Orchestra. Selection, "Squire's Popular Songs"

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

Orchestra. Selection, "Who's Hooper?" .... Novello Selection, "The Bird of Paradise" ....

Selection, "Little Nelly Kelly " ......

Announcer: A. M. Shinnie.

10.0.-NEWS and WEATHER FORECAST.

London.

Local News.

10.30.

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

WIKELESS II	NOGRAMME—11
The letters "S.B." printed in italics in these programmes signify a Simultaneous Broadcast from the station mantioned.	8.15. GERTRUDE JOHNSON (Soprano). "The Shadow Song" ("Dinorah")
9.50. CARMEN HILL (Soprano). Songs, Selected.	GEORGE TINDLE (Baritone). "Ella giammai m'amo"
10.0.—NEWS and WEATHER FORECAST.  S.B. from London.  Local News.	"Tu sul l'abbro de veggenti "Verdi (1) Orchestra. Excerpts from "Aïda "Verdi
10.15.—Dr. JAS. J. SIMPSON, M.A., D.Se., on "Romances of Natural History—	Gertrude Johnson. "Caro Nome" ("Rigoletto")Verdi (1) George Tindle.
The Eel." 10.30.—Close down.	"Vieni! la mia vendetta" Donizetti (1)
Announcer: W. N. Settle.	"Vecchia zimarra senti"Puccini 9.20. Orchestra. Excerpts from "Cavalleria Rusticana"
MANCHESTER.  11.30-12.30,—Concert by the "2ZY" Quartette and Muriel MacLurkin (Solo Pianoforte).	Mascagni 10.0.—NEWS and WEATHER FORECAST.
5.10-5.40.—MAINLY FEMININE.	S.B. from London.  Mr. E. LE BRETON MARTIN. S.B. from London.
5.40-5.45.—Farmers' Weather Forecast. 5.45-6,0.—Children's Letters.	Local News. 10.30.—Close down.
6.0-6.30.—CHILDREN'S CORNER. 7.0.—NEWS and WEATHER FORECAST.	Announcer: W. M. Shewen.
S.B. from London. PERCY SCHOLES. S.B. from London. Radio Society Talk. S.B. from London.	ABERDEEN. 3.30-3.45.—The Wireless Quartette and Gwyneth
Local News. 7.35-8.0.—Interval.	Hopkins (Contralto). 4.30-5.9.—WOMEN'S HALF-HOUR.
Popular Night.	6.0-6.30.—CHILDREN'S' HALF-HOUR.
8.0. ORCHESTRA.  March, "Entry of the Gladiators"Fucik Overture, "The Barber of Seville" Rossini Selection, "Madame Butterfly" Puccini	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.
"Go, Lovely Rose"Quilter "In the Silent Night" Rachmaninov	7.35-8.0.—Interval.
"In the Silent Night" Rachmaninov PITT AND MARKS (Humorists). In Selections from their Repertoire.  9.15. Orchestra.	8.0.—Boys' Brigade News Bulletin: Edward W. Watt, M.A., T.D., Vice-President of the Battalion, on "What is Expected of
Waltz, "Doctrinnen"	Every Officer and Boy in Camp."  8.30. THE WIRELESS ORCHESTRA. Selection, "Southern Maid"Simson
Sydney Coltham.  "At Dawning"	8.45. An Hour with Charles Kingsley.  Born, 12th June, 1819.  Died, 23rd January, 1875.
In further Selections from their Repertoire,  10.0.—NEWS and WEATHER FORECAST.  S.B. from London.  Mr. E. LE BRETON MARTIN. S.B. from	The Rev. D. C. MITCHELL, M.A., will speak on Kingsley as a Social Reformer, Author and Clergyman, the narrative being illustrated by Recitations and Songs.
Local News.  10.30. Orchestra.	J. K. THOMSON (Mezzo - Soprano). EDGAR GAULD (Tenor).
Selection, "Half Past Eight " Leo Fall Characteristic Piece, "Merry Nigger" Squire	The Rev. D. C. MITCHELL, M.A. (Baritone).
"Petite Suite Moderne"	At the Piano—ELEANORE BOURNE.  Mezzo-Soprano Soli.  "A Farewell"
Announcer: Victor Smythe.	"Maying" Nevin Tenor Solo. "The Sands of Dee" Clay (1)
NEWCASTLE. 3.45-4.45.—Harry Hunter (Solo Pianoforte).	Baritone Solo. "Three Fishers" Hullah (1)
Kathleen Rivett (Mezzo-Soprano), D. Lowery (Solo Flute).	Mezzo-Soprano and Tenor Duet.  "Maying"
4.45-5.15.—WOMEN'S HALF-HOUR: Miss Adamson on "Life in the Transvaal." 5.15-6.0.—CHILDREN'S CORNER.	"A Rough Rhyme on a Rough Matter" (from "Yeast").
6.0-6.30.—Scholars' Half-Hour: Miss A. Shaw on "Scholars of the Empire—	"Clear and Cool" (from "Water Babies"). "I Once Had a Sweet Little Doll, Dears"
Africa," Part 11. 6.45-6.50.—Farmers' Corner.	(from "Water Babies").  "Baby Jesus Who Dost Lie" (from "The Saints' Tragedy").
7.0.—NEWS and WEATHER FORECAST. S.B. from London.	"Lorraine" (Kingsley's last poem).
PERCY SCHOLES. S.B. from London. Radio Society Talk. S.B. from London.	CHAPPELL
Local News. 7.35-8.0.—Interval.	WEBER BROADWOOD
Italian Opera Night.	pianos are in use at the
8.0. THE STATION ORCHESTRA. Conductor, WILLIAM A. CROSSE.	various stations of the

Conductor, WILLIAM A. CROSSE.

Selection, "Rigoletto "...... Verdi

GLASGOW. 3.30-4.30.-The Wireless Quartette and Chapman Bayne (Tenor). 4.45.—TOPICS FOR WOMEN: James H. M. Henderson, Ass. Secy. of the St. Andrew's Ambulance Association, on "First Aid." 5.15-6.0.—THE CHILDREN'S CORNER. 6.0.-6.5.—Weather Forecast for Farmers. 7.0.—NEWS and WEATHER FORECAST S.B. from London. PERCY SCHOLES. S.B. from London. Radio Society Talk. S.B. from London. Local News. 7.35-8.0.—Interval. Request Night. "The Music in My Heart I bore Long after it was heard no more." -Wordsworth THE STATION ORCHESTRA. 8.0. Conducted by HERBERT A. CARRUTHERS. EVA SPARKES (Contralto). "Big Lady Moon" Coleridge-Taylor (1)
"Annie Laurie" ...... Liza Lehmann Orchestra. "Keltic Suite" ..... Foulds 8.30. WILLIAM GILCHRIST (Tenor).

"MacGregor's Gathering"... Traditional
"The Nameless Lassie"..... arr. Moffat Orchestra. Scotch Selection, "The Thistle" Myddleton Eva Sparkes.
"Country Folk" ..... May Brake (5)
"Daffodil Gold" ..... R. Hodgson (5) A Sketch 9.0. "CINDERS," by L. Tinsley. Produced by GEORGE ROSS. Orchestra. Three Scottish Symphonic Dances ... Waugh Wright (1) 9.40. William Glielles. Wm. Senior "Twa Bonnie Maidens". . arr. Wm. Senior "O Gin My Love Were You, Red Rose" arr. J. M. Diack arr. J. M. Diack Orchestra. 9.50. Intermezzo, "A Gaelic Dream Song" Foulds 10.0.-NEWS and WEATHER FORECAST. S.B. from London. Local News. Eva Sparkes. "Songs My Mother Taught Me" .. Dvorak
"They Say" ............ W. Evans Orchestra. Eightsome Reel, "58C's Special" . . Kerr 10.35. William Gilchrist. "Fair Eliza" ...... Syd. L. K. Crookes
"I Gaed a Waefu' Gate Yestreen" .... Syd. L. K. Crookes Orchestra. 10.45. "Guaracha Waltz" ..... Kerr " Petronella " .... March, "London Scottish" ..... Haines 11.0.-Special Announcements. Close down. Announcer: Herbert A. Carruthers. A number against a musical item indicates the name its publisher. A key list of publishers will be found or page 449.

# WIRELESS PROGRAMME—FRIDAY (June 13th.)

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

### LONDON.

- L0-2.0.—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.
- 0.15-7.0.—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
  - 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, characteristies, 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).
- THE LONDON 9,20. 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, "Mannin Veen" arr. Vaughan-Williams (2) Traditional Tune, "I Cannot Eat but Little Meat" .... arr. Martin Show (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")
  - Ser Charles Stanford (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 Shaf-toe" 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. Lozella 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 L."
- 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.

### Request Programme. 8.50.

- SYDNEY COLTHAM (Tenor). "Sea Rapture" ...... Coates
  "The Feirie 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" Kradal "Smile" ...... Hayes
- 9.30. THE STATION ORCHESTRA. Request Items.
- 10.0.—NEWS and WEATHER FORECAST. S.B. from London.
  - Local News.
- 10, 15, Sydney Coltham.
- 10.30. Orchestra.
  - Request Items.

Bullock (2)

- 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. THE WIRELESS AUGMENTED 8.50. ORCHESTRA.
  - Conductor, Capt. W. A. FEATHERSTONE. Overture, "Manfred."
- 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.
  - Flower"; (d) "The Highland Cradle Song"; (e) "Thou Art Like a Lovely Flower."
- 10,40. Astra Desmond, Singing in English.
  - "My Heart is Dark." "Fruhlingsnacht."
  - "Dein Augesicht."
- "Waldesgesprach."
- 10.50. Orchestra.
- Finale, Symphony in D Minor.
- 11.0.-Close down.
  - Announcer: John H. Raymond.

### CARDIFF.

- 3.0-4.0.—The Station Trio. Loma Mausfield (Contraito).
- 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-1.
  - Vocalist : DAVID THOMAS (Tenor),
  - THE STATION ORCHESTRA. I. "Morris Dance" ..... Muckenzie (11) II. "Molly on the Shore," Irish Reel
  - Grainger
  - III. Songs. "The Country Dance" | From Song
  - To a Miniature"..... May Brake IV. "Four English Dances" in the Olden
  - V. "Merry Milkmaids," old Pance Tune
- 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.

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 (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. 

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 II.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"

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

"I'll Sing and Dance" ...... Norton

"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.

7.15.—Royal Horticultural Society of Aberdeen -Monthly Gardening Talk.

7.30-7.45.—Interval.

7.45 .- "TANNHAUSER," Act I., S.B. from London.

MARIE SUTHERLAND (Solo Pianoforte).

Andante and Capriccioso......Mendelssohn

9.10.—Lord GLENTANAR. S.B. from Glasgow. 9.22-9.30.—Interval.

THE WIRELESS ORCHESTRA. Overture, " Der Freischutz "......Weber

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).

W. M. Johnston. German (1) "One Little Hour ".....Sharpe

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 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." -Browns

7.45 .- "TANNHAUSER," Act L. S.B. from London.

8.50. THE STATION ORCHESTRA. Conducted by ISAAC LOSOWSKY.

Musical Comedy Selection, "A to Z"

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 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) 

Gertrude Johnson.

Orchestra.

Suite, "Les Deux Pigeons ...... Messages { "Berceuse " ......Lacome " Serenade des Mandolines "

Waltz, "Klytemnestra".....Lotter 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 or page 449.

# WIRELESS PROGRAMME—SATURDAY (June 14th.)

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

### LONDON.

Empire Choir Concert 3.0-5.0.

> 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 Piane. "A Talk on Stamps" (No. 4) by Albert H. Harris. Children's News. The Orehestra. 7.0.—TIME SIGNAL FROM BIG BEN, IST GENERAL NEWS BULLETIN and WEATHER FORECAST. S.B. to all

Stations. Captain RICHARD TWELVETREES on "Motoring." S.B. to Manchester and Glusgow.

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

S.O .- Dance Music.

Soprano Songs. "The Sweetest Flower that Blows" Hawley "The Dancing Lesson " ...... Oliver

Recitals.

James Worsley. "How we Played Julius Casar" 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 Landon. 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 BEN-NING (Tenors).

JAMES HOWELL and HAROLD CASEY (Baritones). NIGEL DALLAWAY (Piano). FRANK CANTELL (Violin).

PERCY EDGAR (Entertainer). 10.0.—NEWS and WEATHER FOREGAST. S.B. from Landon.

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 Christehurch 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.

THE WIRELESS ORCHESTRA. Conductor: Capt. W. A. FEATHERSTONE Suite, "As You Like It" ........ Quilter

ROBERT PARKER (Baritone). 8.45. Songs, Selected.

Orchestra.

Overture, "La Princess Jaune" Saint-Saens

THE PORTSMOUTH MINSTER 9.5. SINGERS. ALBERT SAUNDERS (Tenor).

HAROLD VERREN (Tenor). CHARLES RICE Baritone). ROBERT HAPGOOD (Bass-Baritone). KATHLEEN CALCUTT (Pianist): "Song of the Armada"

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 Porstmouth Minster Singers. " A Wet Sheet and a Flowing Sea."

"Tom the Piper's Son " F. A. Kendall (2)

"Mulligan Musketeers" R. W. Atkinson (2) "Oh, Hush Thee, My Bahy" 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"

"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"
"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

Sydney Coltham. "When You Pass ".... From 8 Ballad-"Blue-Eyed Violets"... ottes by H. Oliver (8)

" For Ever and For Ever " ..... Tosti "THE CAT" 8,50. A detective farce in 3 Acts by

Ivor Herbert McChure, performed by THE STATION PLAYEES.

Sidney Miller. 9.20. Patter Sketch, "The Coster's Wedding," Song, "Slowly but Surely" .. Godden (13)

Orchestral Selection. Wilfred Sanderson's Popular Songs ner 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 (Con' tralto), 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. RIGHARD TWELVETREES, S.B.

from Landon.

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.

Mozart (1)

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

The letters "S.B." printed in italies 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,
> "Swance Smiles"; Waltz, "When
> Lights are Low"; Fox-trot, "Martha

8.45.—VICTOR SMYTHE in Character Cameos-

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: Rodenhurst on "Gloucester," Rendings.

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 1.

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"

Entr'acte, "Evensong"......Martin Constance Willis. Songs, Selected.

Ida Cowey. "Spring Had Come. Hiawatha's Depar-...... Coleridge-Taylor

Selection, "Dorothy" ...... Cellier Frank Charlton and Norman Wright. "You've Got to Come Along to Wembley"

Ida Cowey. Eongs, 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 Moroceo 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).

THE WIRELESS ORCHESTRA. Selection, "Rienzi "..... Wagner

Gertrude Johnson. "The Waltz Song " ("Romeo and Juliet") Gounod

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

9.5.
"The Prologue" ("Pagliacci") Leoncavallo
"King Philip's Aria" ("Don Carlos")

Verdi

9.15. "Ah Lo So" ("The Magic Flute")

Mozart (1) Orchestra. Selection, "La Bohème "......Puccini

Robert Watson. "Eri tu" (" Un Ballo ")..... Verdi " Vulcan's Song " (" Philémon et Baucis ")

Orchestra. Selection, "Don Carlos"..... Verdi 10.0.-NEWS. and WEATHER FORECAST.

S.B. from London. Col. PHILIP TREVOR. S.B. from London. Local News.

Orchestra. Selection, "Lohengrin"......... Wagner

Gertrude Jehnson. "Regnavi nel Silenzio" ("Lucia di Lam-mermoor")........... Donizetti (1)

Robert Watson. "The Credo " (" Othello ")..... Verdi
"Fiu Ch'han dal vino " (" Don Giovanni ")

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

THE STATION ORCHESTRA.

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

8.30. DOROTH Marries DOROTHY PUGH (Soprano).

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

8.40. ROBERT PITT AND LANGTON MARKS (Entertainers). Duets Up-to-Date.

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

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).

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.

To ensure getting "The Radio Times" regularly, ask your newsagent to deliver your copy every Friday.

# The Receiver Supreme on Easy Payment Terms



Are you still putting up with inferior results from an inferior receiver?

There's no longer any need to do that, you know. It's the easiest thing in the world now to get the Marconiphone V 2. This wonderful set-" The Receiver Supreme," which gives you all the British and Continental Broadcasting Stations, and has even received America direct—can now be yours for a small cash payment, with the balance payable in convenient monthly instalments. An example is given beneath.

If you wish it, you can get the V 2 complete with the loud-speaking equipment illustrated here in the Marconiphone Ideal Home Combination; and do not forget that you can obtain the Marconiphone Two-Stage Voice Amplifier in the same easy way. Though specially designed for the V 2, this Amplifier is suitable for use with any combination and completely cures the too-well-known complaint of loud-speaker "tinniness."

Fill up the form below and post it to-day.

# The Triumph of the Master Mind

An Example of the Marconiphone Easy Terms.

Price of Set, etc., say ... ... Deposit 10% (Minimum £3) ... Balance Add 5% for Interest ... ... Twelve Monthly Instalments of £1:9:9 ... £17 17 0

THE MARCONIPHONE Co. Ltd.,

Head Office: MARCONI HOUSE, STRAND, LONDON, W.C.2.

POST THIS COUPON TO-DAY to your local Distributor or Marconiphone Branch.

Please send me a free copy of the book, "The Marconiphone Makes It Easy," containing Hire Purchase Application Form.

Name ..... Address.....

R.T.12.

District Offices and Showrooms: LONDON AND SOUTHERN DISTRICT: Marconi House, Strand, W.C.2. CARDIFF DISTRICT: Principality Buildings, Queen Street, Cardiff. MANCHESTER DISTRICT: 17, Whitworth Street West, Manchester. NORTHERN DISTRICT: 101, St. Vincent Street, Glasgow.

# Music in the Week's Programmes.

A Weekly Feature Conducted by Percy A. Scholes.

SPANISH NIGHT AT CARDIFF. | from Carmen. Listeners all over t

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 arabesquelike 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 L 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."

# 15, 20 or 30 YEARS HENCE—WHAT IS IN STORE FOR YOU?

### WILL YOU

- 1. Still need to earn your living?
- 2. Be unable to earn your living?
  OR WILL YOU, INSTEAD,
- 3. Have an Independent Income for Life? of, say, £250 a Year.

Whether your ambition is, or is not, to retire from business while you are still in the full vigour of manhood, at least put yourself into the financial position of being able to do so.

How do you know that you will be strong enough to work twenty years hence? How do you know that employment then will be as easy to retain or to get?

What a fine thing if by that critical time you have made yourself financially independent of business? You can do it more easily than you think.

By means of annual deposits of an amount you can well spare out of your income, you become entitled on reaching an agreed upon age to a large Cash sum or a fixed income for the remainder of your life.

One man, age 36, has just arranged for £2,750 to be paid to him on reaching the age of 56. Another, age 35, has arranged for £4,455 at 60. Yet another, not so well circumstanced at present, has found it easily possible to secure, by the same method, an annuity of £151 13s. at 60 years of age for the rest of his life.

Why not follow their example? The deposits can be according to your means. To these deposits are added most substantial profits, so that you virtually become a partner in one of the largest, soundest and most successful Insurance Institutions in the World—the Sun Life of Canada.

Should illness or accident permanently prevent you from following any gainful occupation, a monthly sum will be paid to you until the Capital Sum becomes due—and you don't pay another deposit.

And from the moment you make your first deposit your life is insured for the Capital amount arranged, plus half of every deposit you make, so that the protective value increases yearly. What a boon such provision will be to your family if anything should happen to you!

The Sun Life of Canada (the great Annuity Company), which creates this fine opportunity for you, has assets of over £42,000,000 under strict Government supervision. You have, therefore, unimpeachable security.

### FILL IN AND POST THIS FORM TO-DAY

To J. F. JUNKIN (Manager), SUN LIFE ASSURANCE CO., OF CANADA, 95, Canada House, Norfolk Street, London, W.C.2,

Assuming I can save and deposit £	44
perplease send me-without obligat.	lor
on my part-full particulars of your investment plan	(
showing	
1 What Income on each own T shall want .	

- 1. What income or cash sum I shall receive in......
  years (15, 20, 25, 30, as you desire).
- What sum will be automatically provided for my family in the event of my death.
   How much Income Tax I shall save each year.
   In the event of total disability how much I shall

Exact Date of Birth
Married or about to be married
Occupation
Name
Addison

# 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 atmospheries 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 shricks 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 Kingwas 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 gaicties 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 cooperating.

### 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 aerials 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.)

TELL you a tale to-night
Which a seaman told to me,
With eyes that gleamed in the lanthornlight
And a voice as low as the sea—

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

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 Psychical 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 ectoplasmie 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.

Photo! Happe.

SIT A. CONAN DOYLE.

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



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

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 scance 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.

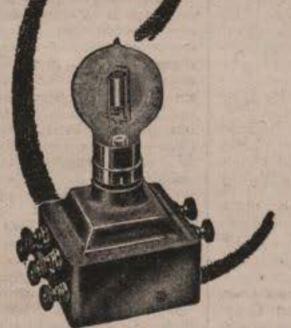
What is it? It takes shapes. Who determines the shape? Is it the mind of the entranced medium? Is it the mind of the observers? Is it some independent mind? Among the experimenters we have a material school who urge that we are finding some extraordinary latent property of the normal body, and we have 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 Shake-speare, and this stuff also may be an instrument for high purposes.

The future will show.

# B.T.H. mulikiers



B.T.H. UNIT AMPLIFIER

The B.T.H. Unit Amplifier consists of a pedestal of moulded insulating compound, the top of which forms the valve holder. Housed within the base is an efficient iron-cored transformer.

The terminals are reversible, and when reversed terminate in leaf-spring plugs, which may be plugged into corresponding sockets in another amplifier, as in the lower illustration. In this way two or more units can be quickly plugged together when a greater degree of amplification is desired,

JSE a B.T.H. Unit Amplifier for your final stage of L.F. amplification. It gives an immensely increased volume of sound, without a trace of distortion, and is undoubtedly the most efficient and convenient amplifying device for use with existing crystal or valve sets.



TWO UNIT AMPLIFIERS

# The British Thomson-Houston Co Ltd

(Wholesale only)

Works : Coventry.

Sole Agents for the Music & Gramophone Trades: London Office: Crown House, Aldwych.

The Murdoch Trading Company 59 & 61 Clerkenwell Road, London



# THE CHILDREN'S CORNER.

CONDUCTED BY UNCLE CARACTACUS

### Postage Stamps that Illustrate History.

HULLO, children!
I expect that a great many of youespecially 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 pestage 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 s 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 scated 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.

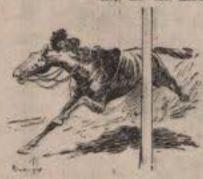
There is not time to tell you of many others; but I will just touch on the Japanese. Their stamp designs bring us in close touch with Eastern customs. For example, on the twentyfifth anniversary of the marriage of the Emperor and Empress, in 1894, they had a special stamp, with the Imperial chrysanthemum 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

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 weeden 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.



CABO had often had a ride with Isobel on her pony. It was 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 ealled 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 Saho 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

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 andoh, 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 ching 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 Saho, as he took him down.

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

Another Sabo story next week.



# HOME and COLONIAL TEA like 2LO

Because they're both sure of excellent reception all over the country

LIMITED BRANCHES EVERYWHERE

### 

Made in our own Factories at "Hazelwood," Northampton, under Crick's Patent, No. 208089. Crepe Rubber is rapidly gaining favour, and gives enduring wear.

### BLACK CREPE RUBBER SOLES.

Black right through-not edges and bottoms only.

No. 108-Best Box Calf (Also in Boot, No. 77).

The Black Crepe Rubber Sole of this shoe matches, the upper, rendering it' very suitable for everyday wear, and is resilient and comfortable. With Patented "MANKIND" Heel of cushioned leather to prevent slipping.



### CRICK & CO.

(Wholesale at "HAZELWOOD," NORTHAMPTON.)

LONDON RETAIL BRANCHES:

328, High Holborn, W.C.1 (hear Gray's Inn Road).

15, Broad Street Place, E.C.2 (hear Liverpool Street Station). Queen Victoria Street, E.C.4 (uear Bank of England and Mansion House).

197, Shafteabury Avenue, W.C.2 (opposite Princes Theatre).

65-66, Chancery Lane, W.C.1 (near Tube Station).

80a, Rye Lane, Peckham, S.E.15. St. John's Road, Clapham Junction, S.W.11.

And AGENTS throughout U.K.

If unable to obtain locally, send 30/- and name of your dealer to CRICK & CO., "HAZELWOOD," NORTHAMPTON, and shoes will to sent through him or our nearest A ent, POST FREE.



One of the many resorts on the East Coast-the drier side of Britain Ask for "HOLIDAY SUGGESTIONS" - which contains illustrations and descriptions of nearly seventy resorts -

Passenger Manager, L: N.E.R., Liverpool Street Station, London E.C.2, York; Waverley Station, Edinburgh; or Traffic Superintendent, L. N.E.R., Aberdeen.

HOLIDAY RESORTS ENGLAND AND

### Edinburgh Programme.

Week Beginning Sunday, 8th June.

SUNDAY, 8th June.

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

MONDAY, 9th June, 3.30-4.30.—Orchestra of St. Andrew Square Picture House (Musical Director, F. H. Cooper Wilcox).

5.0-6.0.—ÉDINBURGH CHILDREN'S COR-NER.

7.0-12.0.—Programme S.B. fram Landon.

5.0-6.0.—EDINBURGH CHILDREN'S COR-

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 COR-

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.
DERCY SCHOLES. 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'Arto" ("Tosca") ..... Puccini
"A Memory" ...... A. Goring Thomas
7.55. ALEXANDER HOPE (Bass-Baritone).

"Toreador Song" ("Carmen") .... Bizet
8.0.—Mr. ARTHUR PORDAGE (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),
Let Movement from 'Cello Conserte Fall

Ist 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)
Bernard Beers.

8.50. Bernard Beers.

"Arioso" J. S. Back

"Allegro Spiritoso" Senalia

9.5. Alexander Hope.

"The Blind Ploughman "Coningeby-Clarke
Roadways" ..... Lohr
"The Yeoman's Wedding Song"

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

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

"Border Ballad" ...... Cowen (1)
9. Winifred Allan.

9:40. Winifred Allan.

"A. Spirit Flower" ..., Campbell-Sifton

"Lie There, My Lute" .. Hamish McCann

10:0.—NEWS and WEATHER FORECAST.

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

Local News.

16:30.—Close down.

FRIDAY, 13th June,

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

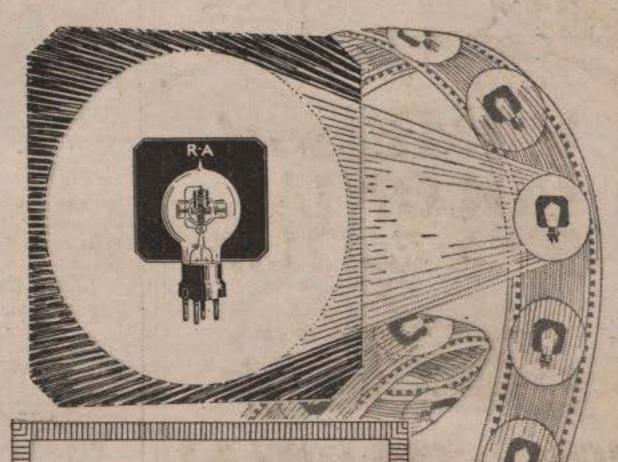
5.0-6.0. EDINBURGH CHILDREN'S COR.

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

SATURDAY, 14th June. 5.9-6.0:—EDINBURGH CHILDREN'S COR-NER.

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

# A Valve for Every Wireless Circuit



THE MULLARD R.A. was designed for amplification but can be used equally well for all general purposes. When used as detector in "straight through" circuits the anode voltage only requires to be 30/50. In reflex circuits its stability gives easy control. As transformer amplifier the anode voltage varies from 50/100, in the case of resistance amplifier up to 200 volts.

The superiority of this type of valve for amplification was recognised during The Great War by the British and French Governments and as a result it was used extensively for the high standard of results that were necessary.

Further information and R.A. valve curves can be had upon application to-Dept. R.T

For Perfect Reproduction

# Mullard THE MASTER VALVE

Advt. The Mullard Radio Valve Co., Ltd. (Dept. R.T.), Nightingale Works, Nightingale Lane, Balkam, S.W.12.

BRITISH EMPIRE EXHIBITION, PALACE OF ENGINEERING, AVENUE 14, BAY 13.

(160.)

# Western Electric

## CRYSTAL SET



# SIMPLE AND **INEXPENSIVE**

N inexpensive Crystal Set which will receive all items from your local Broadcasting Station is to-day in great demand, and the Western Electric Company have designed and perfected this Set to suit all pockets.

The set consists of a mahogany wood box containing the necessary tuning apparatus and detector and is complete with headphones.

With a well-constructed aerial the Western Electric Crystal Set will receive music and speech perfect in quality and reproduction.

The Head-receivers supplied with this Set are of light construction and are fitted with a removable flannel and leather covered pad which adds greatly to the comfort of listening in.

No. 44001 Crystal Set (without Head-No. 44011 Head-receivers £1 50

### Western Electric Company Limited.

CONNAUGHT HOUSE, ALDWYCH, W.C.2.

Telephone: CENTRAL 7345 (9 lines).

Branches: BIRMINGHAM, LEEDS, GEASGOW, NEWCASTLE, CARDIFF, MANCHESTER, SOUTHAMPTON, LIVERPOOL, and DUBLIN.

# SUPER-REFLEX

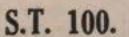


### The Peto-Scott 1-Valve Reflex.

The first one-Valve Set for long distance work. Because the valve amplifies each signal twice, it is sufficiently sensitive to receive every B.B.C. Station at good strength in the 'phones, and if within 5 miles or so from a Station it will operate a Loud Speaker. Will cover all wave-lengths (including Chelmsford). Coils and Valve extra. £5-5-0 Marconi Royalty 12/6. B.B.C. tax 6/-

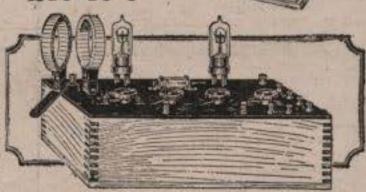
### Peto-Scott Power Amplifier.

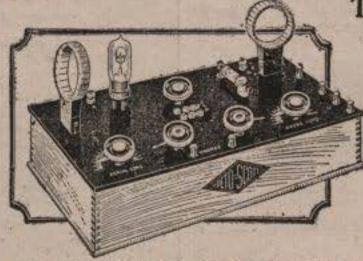
Complete with Power Transformers and Power Valves. Gives an immense volume, suitable for Complete with Power Valves and inclusive of all B.B.C. and Marconi £10-10-0



The most popular Receiver of the year. At 50 miles from a B.B.C. Station it will operate a Loud Speaker, while from any spot in the country it will pick

up all B.B.C. Stations and most Continental Stations on the headphones. Uses two valves, but by the reflex principles employed one valve is used twice. Every Instrument individually tested upon an Aerial under actual working conditions. Excluding Valves and Coils but including all Marconi Royalties. B.B.C. fees 11/- extra. \$8-5-0





### The Famous "Popular Wireless" Reflex.

The most economical one-Valve Set ever designed, By means of switches it can be used as a Crystal Set, a Crystal Receiver with L.F. amplification, or as a Reflex Receiver. When used with a

G.A.

good Aerial all B.B.C. Stations can be received, with the nearest one (if within 5 miles) on the Loud Speaker. Best quality tested components used throughout. Aerial tested and fully guaranteed. Including all Marconi Royalties. B.B.C. royalties 6/- extra. Valve £7-12-6 and Coils extra.

### Peto-Scott Co., Ltd.,

64, HIGH HOLBORN, W.C.1.

Branches: 99, High Holborn, W.C.1. 230, Wood Street, Walthamstow.

Cardiff: 94, Queen Street. Liverpool: 4, Manchester Street. Plymouth: near Derry's Clock.

(Mail Orders to 64, High Holborn, W.C.1.)

### Liverpool Programme.

(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.

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.

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.

OPENING SPEECHES.

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, "Merrie 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.

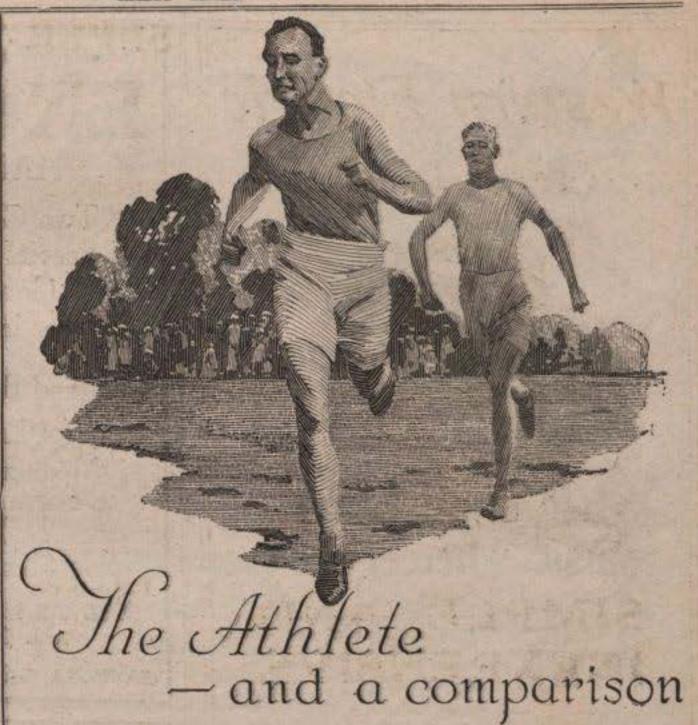
"Chanson Indoue" ... Rimsky-Korsakov
"Zephir" ...... Hubay
String Quartette,
"Londonderry Air" ...... arr. Bridge

"Molly on the Share" Grainger
9:50. Amy Taggart.
"One Fine Day" Puccini
"Waltz Song" German
16:0.—NEWS and WEATHER FORECAST.

11.10.—Close down. SATURDAY, June 14th.

4.6-5.0.—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.



WITH muscles taut, his face set, arms and legs working in perfect harmony, the athlete is the embodiment of scientifically-applied energy.

Long training has taught him the lesson that every ounce of energy must be put to some useful purpose, or his stamina will be sapped and the race lost. In his way he affords a striking object lesson to all Valve users.

As every wireless enthusiast should know, when a Valve glows itemits a prolific stream of negative particles—electrons—which travel towards the Grid and Anode. It is this electron stream in fact which is the very life-blood of your Set.

In a Valve with a long slender filament surrounded by a straight Anode a considerable percentage of this electron stream must leak away at each end without doing any useful work. Obviously just as serious a case of mis-directed energy as an athlete who

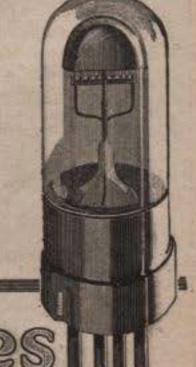
swings his arms out of tune with the movements of his legs.

In the Cossor, however, the arched filament is almost totally enclosed by the hoodshaped Anode and practically the whole of the electron stream is usefully employed.

Although a poor runner will complete the course, and an inefficient valve will give some measure of reproduction, yet it is only when we have the actual evidence provided by the leader that we get a definite standard of comparison.

Scores of thousands have actual evidence of Cossor leadership and know that it does give greater volume, greatly increased sensitiveness on long distance work and improved tonal purity when used with a Loud Speaker.

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



Cossor Valves

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

Gilbert Ad, 854



TAKE an Ericsson Valve Set with you on your picnic trips, boating, yachting, down on the farm, at the sea—anywhere. No matter where you wander through Britain an Ericsson Valve Set will put you in touch with one at least of the B.B.C. Stations.

Excellent "light" programmes are promised for the open air months. Dancing in the open to the strains of the Savoy Havana Bands will be the order of the day—or the afternoon, rather. The incorporation of the utmost reaction allowed by the P.M.G. in these sets gives a tremendous receiving range and excellent loud speaker strength at reasonable distances.

Write us to-day for further details, also information re our crystal sets, famous Telephones and "Super Tone" Loud Speaker.

The British L.M. Eric on Mfg. Co., Ltd., International Buildings, 67/73, Kingsway, London, W. .2,



"London calling the British Isles!"

# **EXCELDA**

## **HANDKERCHIEFS**

Two Gold Medals Awarded
A Special Fabric Just like Silk
Genuine and Reliable
Made in All White A Special
Production

also

for Ladies, Small Gents,
Medium Gents, Large Gents

A Good Article will tell its Own Story

Not expensive

See Name Excelda on Every Handkerchief.

SOLD BY DRAPERS AND OUTFITTERS ALL OVER THE COUNTRY.

EXCELDA Soft Collars for Men-a Good Article.

## OH, THIS FREEDOM!

NATURAL beauty, that incomparable feminine birthright, has triumphed at last over Fashion's artificialities. The discriminating woman of to-day is fully aware that it is neither becoming nor ladylike to hobble and limp her way through life.

Babers were the first to grasp this delicate situation and to evolve a method of *fitting* shoes, whereby thousands of naturally rounded and shapely feet were delivered from a bondage that robbed vivacity of its piquancy and youth of its bloom.

Babers' method is simplicity itself; for by measuring the foot from *heel to ball* and not from heel to toe, the slender bones and muscles of the arch are supported and strengthened. Yet although firmly gripped the arch remains flexible and every toe has its freedom.

Moreover, whilst fulfilling every physical requirement, Babers' Shoes leave nothing to be desired in handsome styles and the

harmonious preferences of well-dressed women.

Let us send you our leaflet "S," which fully explains Babers' principles. You are also cordially invited to view, without obligation, the numerous styles we hold. We would impress the fact that we have special fittings for narrow heels and carry six widths to every size. You will travel far and not find such comprehensive ranges.

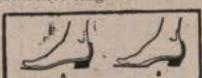


Fig. A shows the perfect Babers fitting which supports the arch, whilst Fig. B shows the ordinary method which does not.

BABERS,

309, Oxford Street, London, W.1.

(Opposite D. H. Evans.) Telephone: MAYFAIR 2608/9.

Babers, Ltd., Jersey.

### Plymouth Programme.

Week beginning June 8th, 1924

SUNDAY, 8th June.

3.0-5.30, Programmer S.B. from London. 8.0-10.30

MONDAY, 9th June. 3.30-4.30. Survey Pieture House Orchestra. 5.30-6.30. PLYMOUTH CHILDREN'S HOUR, 7.0-12.0. Programme S.B. from Landon.

TUESDAY, 10th June.

3.30-4.30.—Savay Ficture House Orchestra. 5.30-6.30.—PLYMOUTH CHILDREN'S HOUR. 7.6.-NEWS and WEATHER FORECAST. S.B. from London,

Mr. C. W. J. UNWIN. S.B. from London. Local News.

7.38-8.0. - Interval.

SUBL

Local Concert. WINIFRED GRANT (Pianaforte). IRENE BUCKINGHAM (Violin). Duet, Beethoven-Kreisler Sonsta

Basthoven-Kreisler Irene Buckingham (Violin Soli). WALTER BILLING (Baritone).

"Vulcan's Song " (" Philemon et Baucis ") "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). Irene Buckingham.

Margaret Southard.

"Rose Softly Blooming "......Spokr"

"The Last Rose of Summer" (Old Irish

Walter Billing.

Quilter

"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 " " Mazur " ..... Mlynarski " Londonderry Air " ..... O'Connor-Morris Winifred Grant.

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. 7.9-11.30.—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.

# Two Outstanding Achievements.

THE PORTABLE-FIVE.

The only Portable Receiving Set in a leather suitens, requiring No Aerial and No Earth. It is Entirely Self-Contained, including valves, batteries, invisible loop serial and Lond Speaker. Really good reception on the Loud Speaker at 25 miles or on Headphones at 500

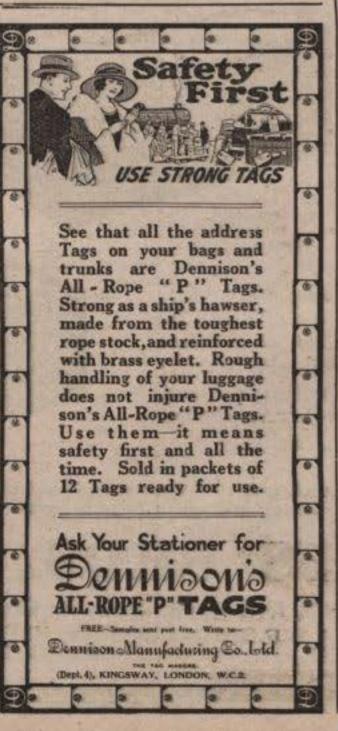
### THE SUPERFIVE.

A Five-Valve Cabinet Receiver for use with other Dull or Bright emitter valves - owing to its many Special and Exclusive features really good Loud Speaker reception may be easily obtained at 500 miles under normal conditions—under reasonably tayourable circumstances good Loud Speaker reception at 3,000 miles has been frequently obtained by private users.

Write for special illustrated catalogues describing the above to :--



Offices & Showrooms (Open 8 to 7; Saturdays \$ to 1):-\$2, QUEEN ST., HAMMERSMITH, LONDON, W.6. 'Ikino : Hemmersmith 1916, 'Grama : " Tinguidar, Lenden."
FEW AGENCIES STILL OPEN.





# Think Beyond Your Present Position

Phone: Regent 6214-5-6. Telegrams "Instrade, London," Northern Depot—19, Represed Avenue, MANCHESTER: Trinity House, Commercial Street, LEEDS.

A few years from now! There, indeed, is food for serious thought. Will you, ten—twenty years hence, be just about where you are to-day, or will you occupy a position of responsibility.

Don't imagine that you can get on without specialised training. Raise yourself above the mere "job" class by getting special knowledge that will make you an expert in your work and competent to direct the work of others.

Think out a career, then qualify for a life of progress worthy of your ambition. The training given by the International Correspondence Schools has grown steadily in prestige for thirty years. Many thousands of British men and women, thinking ahead, have forged ahead through an I.C.S. Course of Instruction, of which there are more than 300.

Let us tell you more about I.C.S. Training, which anyone can carry through to success. Without placing yourself under any obligation simply mark and post this Coupon and learn how we can be of real practical assistance in helping you to step upward.

International Correspondence Schools, Ltd., 81. International Buildings, Kingsway, London, W.C.2.

Please send me your booklet containing full particulars of the Course of Correspondence Training before which I have marked X. I assume no obligation.

State which...

which.....

The I.C.S. teach wherever the post reaches, and have over 300 Courses of Study. If, therefore, your subject is not in the above list write it here.

Name	 Age
Address	 

# **HIGH-TENSION** BATTERIES

# MAKE ALL THE DIFFERENCE TO YOUR SET!



THE PYRAMID is a battery that can be absolutely relied upon to render consistent and unfailing service in your H.T. circuit.

The dealer takes no risk in unhesitatingly recommending it to his customers, because it is FULLY GUARANTEED. Tapped every three volts, its distinctive features are long life, silent working, and constant voltage. We quote below one of many testimonials, which speaks for itself.

15 VOLT 2/9 6/9 33 VOLT



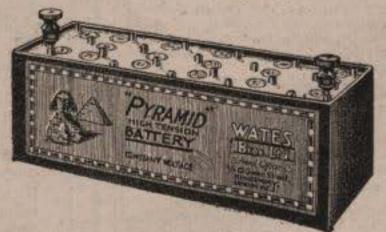
May 15th, 1924.

60 VOLT 11/9 90 VOLT 17/9

Special Wander Plugs 9d. per pair.

Dear Sirs,

I am writing to tell you about the splendid performance of one of your 60 v. PYRAMID batteries. Although in constant use for some considerable time the voltmeter still shows 60, and I find it very silent in operation—an important point, allowing much clearer and more accurate tuning. Yours faithfully.



If your local dealer does not stock send us his name and address, and we will send him the battery marked with your name.

# WATES BROS., LTD

Phone: Gerrard 575-6. Head Office: 12, 13 & 14, Gt. Queen St., Kingsway, W.C.2. SOUTHERN DEPOT (Wholesale): 101, OLD CHRIST-CHURCH RD., BOURNEMOUTH.

Phone: Bournemouth 3573.

SOUTH-WESTERN DEPOT (Wholesale): CENTRAL MILL, RALEIGH STREET, PLYMOUTH.

Phone: Plymouth 2481.

### Sheffield Programme.

Week beginning 8th June.

SUNDAY, 8th June.

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

### 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.

"One Fine Day " (" Madame Butterfly ")

Puccini
"Lament of Isis" ...... Granville Bantock
7.45.—"TANNHAUSER," Act L. S.B. from

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

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

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

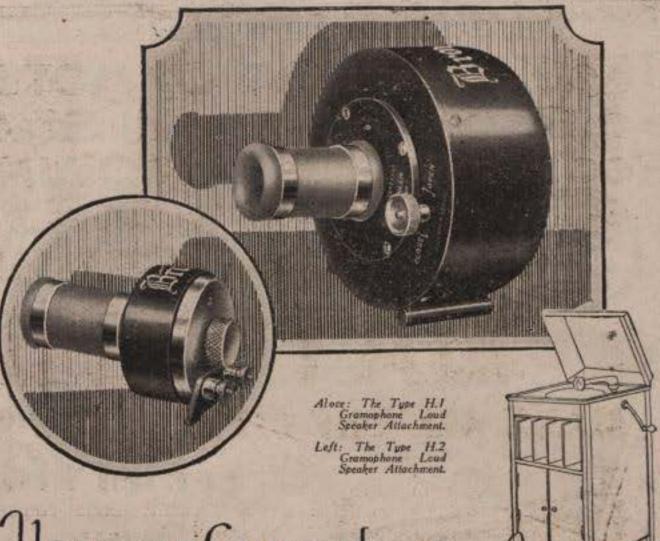
Violin Solo, "Le Cygne" ..... Saint-Saens Selection, "Il Trovatore" ...... Verdi March, "Vimy Ridge" ..... Bidgood 11.15.—Close down.

### 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.



Use your Gramophone as a Loud Speaker

I F you already possess a Gramophone it is but a moment's work to convert it into a good Loud Speaker by means of one of these special Reproducers.

Merely remove the Gramophone Soundbox and press on the rubber connection of the JSTOWN Reproducer and at once you have a first-class Loud Speaker.

Each Reproducer is identical in principle with those used in J6rown Loud Speakers, and will give the same purity of tone and ample volume which has made the name J6rown so well-known.

Remember that the Brown Reproducer will fit every type of Gramophone irrespective of its size, shape or pattern.

Supplied by all Dealers in two sizes:

Type H.1 - £4-12-0 Type H.2 - £2-4-0



# to Crystal Users

Any Crystal Set, not more than 10 miles from a B.B.C. Station, and giving signals which can be heard with the 'phones 12 inches from the ear, will work a Crystavox Loud Speaker.

And the extreme purity for which the Crystal is famed will be retained.

Price - - £6 - 15 - 0



S. G. BROWN, LTD., Victoria Road, N. Acton, W.3. Retail: 19, Mortimer Street, W.1, and 15, Moorfields, Liverpool.



# 

The Famous SAVOY MOTEL Dance Bands as Broadcast to All Stations and U.S.A. Record ONLY for COLUMBIA Records



SAVOY HAVANA BAND

LATEST DANCE MUSIC ONLY ON

Columbia Wew RECORDS

The ONLY Records WITHOUT SCRATCH!

All these selections have been broad-cast by the Savoy Orpheans and Savoy Havana Band from the Savoy Hotel.

The SAVOY ORPHEANS.
969 AMERICAN MEDLEY, One-Step 1 12-inch, SCOTTISH MEDLEY, One-Step 1 4s. 6d.
3421 HORSEY, KEEP YOUR TAIL UP, Fox-Trot - SAY IT WITH A UKULELE, Fox-Trot
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,
3395 MAGGIE! YES, MA! Fox-Trot - 3/- THAT'S EVERYTHING, Fox-Trot - each.  1 LOVE YOU, Fox-Trot - each.  WHEN IT'S NIGHT TIME IN ITALY, IT'S
3373 MADAME POMPADOUR, Waitz  "Joseph" Fox-Trot  3376 LINGER AWHILE, Fox-Trot (Savoy Havana Band)
3376 (1 LOVE YOU (LITTLE JESSIE JAMES), Fox-Trot- LINGER AWHILE, Fox-Trot (Savoy Havana Band)
The SAVOY HAVANA BAND.
3434 MARCHETA WALTZ
3435 PASADENA, Fox-Trot
MARCH OF THE MANNIKINS, Fox-Trot 10-inch,
3394 WALTZ ME TO SLEEP IN YOUR ARMS - 3/-
3351 T LOVE ME (I'M WILD ABOUT MYSELF), Fox-Trot each.
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
On Sale at All Stores and Music Sellers.

For all Gramophones

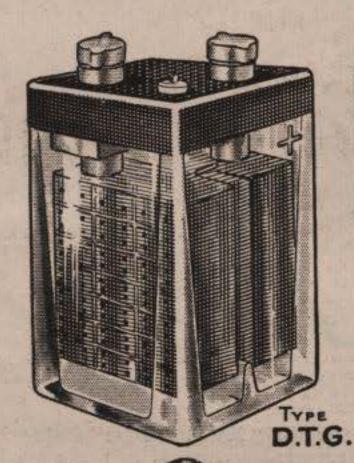
Complete list of New Dance Records and 140-pp, Catalogue Post Free from COLUMBIA, (Dept. R.), 102-108, Clerhenwell Road, London, E.C.1.



Columbia Wew RECORDS



# THE LONG-LIFE BATTERY



For Use Cumer 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.

Type D.T.G.

GLASS BOXES, HEAVY PLATE, 2 VOLTS.

Capacity 20 ampere hours at slow intermittent discharges.

Supplied dry and fully charged.

Suitable for .06 amp. Dull Emitter Valves.

PRICE 5/- EACH.

Type H.Z.

CELLULOID BOXES,

Capacities:

40 to 80 amp. hours.

Suitable for Type "R" Dull Emitter Valves.

PRICES from

17/6 to £1:4:6 each

uncharged.

Obtainable from all dealers and Exide Service Agents.





H.Z.

FOR THIS SIGN

00 Agents in Gt. Britain and Ireland.

Clifton Junction, near Manchester: 219-229, Shaftesbury Avenue.W.C.9 57-58, Dale Bnd, Birmingham; 1, Bridge Street, Manchester

# Brandes The Name to Know in Radio



Result of 16 years experience

PRICE

What is the particular advantage of the "Matched Tone" feature? How can we claim a distinct superiority amongst so many good headphones? Well, the ordinary method of matching the two receivers by ear obviously has its disadvantages, the sense of hearing not being sufficiently developed for detecting dissimilarity in the various tone degrees. Brandes receivers are matched by specially constructed apparatus which has been installed at our Works after long years of experiment. When tested by ear, it is found that sound in one receiver cannot be matched with another by a margin of eighty degrees. By our apparatus we are able to match the corresponding note in each to within five degrees. Ask your Dealer for Brandes.

Manufactured at Slough, Bucks, by Brandes Limited, Walmar House, 296, Regent Street, London, W.1.

Matched Tone

Telephone - Moufair 4208-9. Trade enquiries Invited.

Radio Headphones



# Protect your Set from possible clamage by lightning When in a standard the standard by lightning



from possible clamage by lightning

# The Burndept Gerial 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.

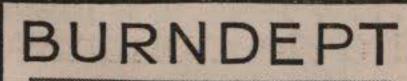
May be obtained from all Burndept Agents or Wireless Dealers or direct from Burndept Ltd., Aldine House, Bedford Street, Strand, W.C.2. Fill in the coupon and attach a postal order for 12/6.



### Long-Range Experimental Station.

By means of the interchangeable coils, all users of the Ethophone V. can listen to the broadcast from the long-range experimental station now being constructed. The necessary Burndept Coils are one No. 150 (6/-) and two No. 300 (8/each). They may be obtained from all agents or dealers or direct from Head Office.

The Ethophone V, is the most efficient and moderately priced high-class wireless receiver on the market.



WIRELESS APPARATUS

Visit our Stand at Wembley in the Palace of Engineering, Avenue 13, Bay 13.



### --- CUT THIS OUT.

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

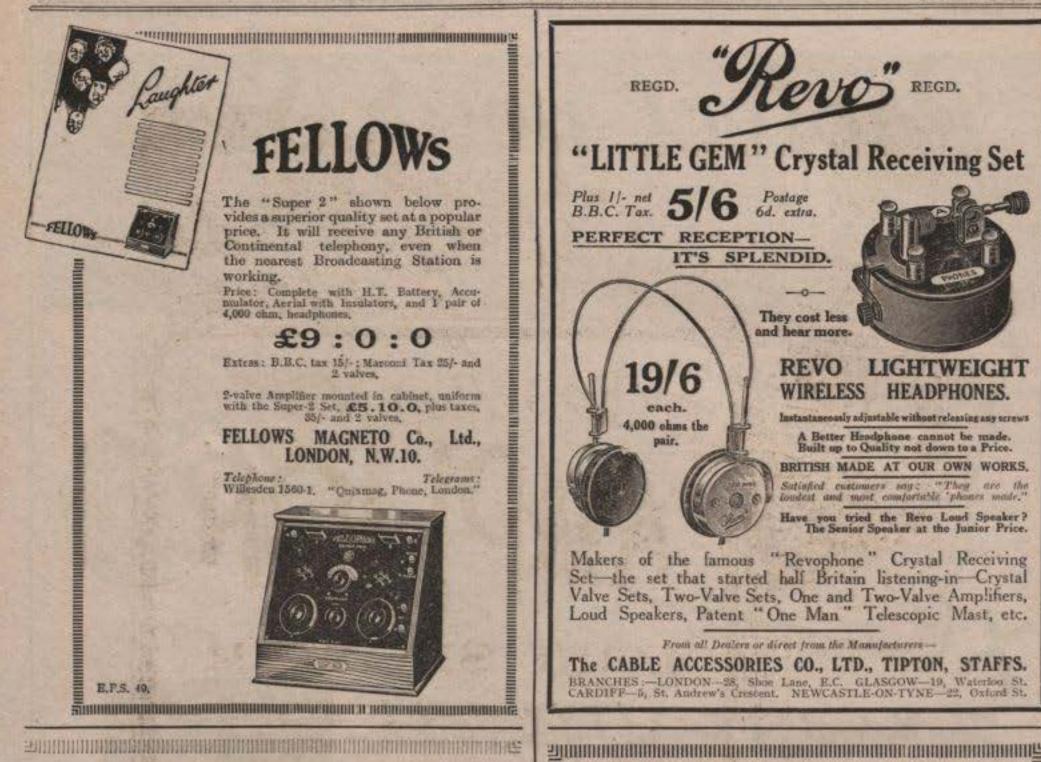
- (1) I enclose cheque / P.O. for 12/6. Please send me, post free, one Burndept Aerial Safety Switch.
- (2) Please send publication No. 26, describing the Burndept Aerial Safety Switch.
- (3) Please send me your new booklet about the Ethophone V.

Cross out paragraphs not required.

NAME.....

ADDRESS.....

"Radio Times, 6/6/24.



# **Give the Children HONEY** says Imperial Bee, Esq.,

"FTHAT'S the soundest advice I can give except take it every day yourself. Until a hundred and fifty years ago, HONEY was the only sweet food within reach of the general public. No manufactured sugar can compare with Natural HONEY. There is no doubt that many of the ills of modern life, such as diabetes, are caused through the excessive use of manufactured sugar in the place of HONEY. "Nature is still ahead of modern scientists and experts." HONEY is the most digestive of all sugar foods-it is

highly nutritious and mildly laxative. Start the HONEY



Warranted pure and unadulterated. Ask for and insist on 'Imperial Bee' Honey of all high-class Grocers,

Chemists, Dairies and Stores. In 1's and 1's Screw-Top Glass Jars, Monopots, etc.

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

See the bees at work at the 'Imperial Bee' Stand New Zealand Pavilion BRITISH EMPIRE EXHIBITION, where the Official and ONLY exhibit of Honey is shown.

REGD.

"LITTLE GEM" Crystal Receiving Set

Plus I/- nel 5 B.B.C. Tax.

PERFECT RECEPTION-IT'S SPLENDID.



and hear more. LIGHTWEIGHT REVO 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 may: "They are the toudest and most comfortable phones made."

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

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

From al! Dealers or direct from the Manufacturers -

The CABLE ACCESSORIES CO., LTD., TIPTON, STAFFS. BRANCHES:-LONDON-28, Show Lane, E.C. GLASGOW-19, Waterloo St. CARDIFF-5, St. Andrew's Crestent. NEWCASTLE-ON-TYNE-22, Oxford St.

# VALVE SETS AND ALTERNATING CURREN

Valve set users in districts served by alternating current are very often handicapped by lack of local facilities for battery charging.

### THE RUNBAKEN BATTERY CHARGER,

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

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

Solid construction and handsome finish in enamel and nickel plate.

Price £7 - 10 - 0 Carria

(MADE AT MANCHESTER.)

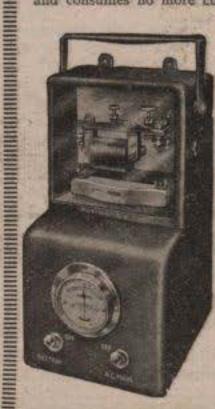
Self-adjusting and easy to operate, simply connect to lamp holder. Ideal for Radio Societies, May be purchased on deferred terms.

WRITE FOR BOOKLET. THE RUNBAKEN MAGNETO COMPANY, LTD.,

Derby Street, Manchester.

MANCHENTER. 288 Designale
London. 143 Great Portland St., W.1
Laure. 94 Abien St.
Livenzoon. In Hardman St.
Sinemanne. 192 Corporation St.
Sinemanne. 192 Corporation St. GLESSON, 367-363 St. Vincent St. Dennin. 17 Clare St. Pano. 40, Rue Brunel Newcastan, 107 Northumberland St. Mancastan, Derby Street, Chestham (Head-Office)

55 PRODUCTION OF THE PRODUCTION OF THE PRODUCTION OF THE PROPERTY OF THE PROPE





# "How Wonderfully Clear!"

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 0 miles.

Price, including B.B.C. Royalty, 22/6

The Acme Production Co., Ltd. SMETHWICK, BIRMINGHAM.





### THE PERFECT-FITTING TUNIC

made from Fine All-Wool Serge in Navy and Nigger. The color is fast and it will wash well.

THE CORRECT WEAR FOR SCHOOL. THE ECONOMICAL WEAR FOR ALL TIMES.

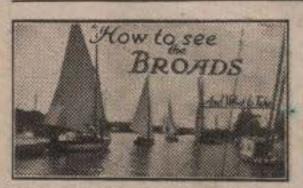
24in. 7/6 each, rising 1/- for each 3 inches. Wincevette Blouse, all sizes 4 6 Delainette 5 11 Knickers to match Tunic -4/6

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

THE SCHOOL OUTFIT SUPPLY Co., 29/30, COCK LANE, SNOW HILL, E.C.

Carriage and packing on orders under (1, 9d.; over (1 Free. Money returned if you are not thoroughly satisfied.





### Your Holiday

RE you seeking the ideal A RE you seeming open-air holiday, free from all restrictions? The Norfolk Broads, with its wonderland of winding rivers and lakes, is the place you seek. Restful, quiet and beautiful, their charm lin-gers. You hire a fully furnished yacht, wherry, or motor-boat,

which is your floating hotel, moving from place to place, on inland waters and NOT on the sea. We can supply a cook and skipper if desired, to attend to the boat and do all cooking, so you only have to enjoy yourself. The Norfolk Broads are 120 miles from London and consist of 200 miles of safe inland. rivers and lakes. The cost including boat, food, etc., averages about £4 per head per week.

Send 2d. postage for our 192 page bookiet. It candoins full information and particulars of over 300 yachts, wherries, motor boats, houseboats, and hungalous we have for hire, and long article." How to do the Broads and what to take,"

Also craft on Dutch canals, rivers Thames, Ouse, Dart and Cam.

BLAKE'S, LIMITED (Sole Representatives to all Owners), 19, Broadland House, 22, Newgate Street, London, E.C.1

# Telegraph Training College Ltd. Morse House, Earl's Court, S.W.

Established 28 Years. Telephone: Western 2695. OFFICIALLY RECOGNISED BY THE WAR OFFICE THE ROYAL AIR FORCE AND POST OFFICE AUTHORITIES.

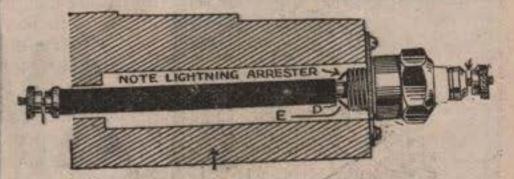
### CABLE AND WIRELESS TELEGRAPHY.

PARENTS DESIROUS of placing their sons in either of the above Services and of affording them the best training facilities should apply for particulars of Courses and the methods of instruction which place this Institution in the first rank. Cable Telegraphy offers at the present time excellent prospects to youths from 16 years of age and upwards, and the College has exclusive facilities for obtaining posts for qualified students in the leading Cable Companies at commencing salaries of from £200 to £300 per annum, with yearly increments of £12 to £25, and with ultimate possibilities of obtaining positions as Supervisors, Assistant Superintendents, Increments of

In the Wireless Telegraph Service the commencing talary at the present time is about £90 per annum, plus free maintenance on board Ship, which makes the total remoneration approximately £150 per annum, and Operators when qualified by building the Postmaster-General's Certificate of Proficiency are nominated by the College for appointments of which there are a considerable number available at the present time. Positions are also obtainable in the Royal Air Force, The College has never given "Guarantees" to obtain appointments, and parents are warned against gersons who do so, as it is manifest that any such "Guarantee" must be of a froudulent character. No Correspondence Classes or Branches.

THE SECRETARY (Dept. R.T.). 262, Earl's Court Road, Earl's Court. London. S.W.5.

Safety First! Protect your Wireless Set with ROBINS' Padent Combination Lightning Arrester and Leading-in Tube.



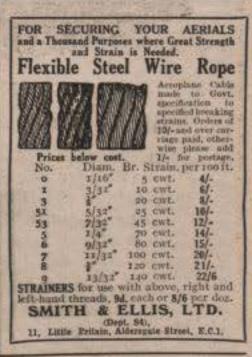
No Wireless Set or Listener-in is safe from lightning without it.

Price 3/6. Postage 3d. extra. To be had from any Wireless Deviers or direct from the Patentees and Manufacturers.

Approved by all Insurance Companies.

ROBINS ELECTRICAL & WIRELESS DEPOT & INSTITUTE, LTD., CARDIFF. Manufacturers of all kinds of Wireless Instruments and Equipment. Telegrams: Robinite, Cardiff.





# THE RADIECO "SEASIDE SET."



Absolutely self contained and portable.

Simply open up, tune in and listen.

Ideal for SEASIDE HOLI-AYS, PICNICS, RIVER TRIPS, MOTOR TOURS, etc. No Aerial or accumulators

required. Unique circuit, easy to control. PRICE

£15 : O : O in polished cak. £15:15:0 in morocco finish. Prices include H.T. and L.T. batteries and B.B.C. and Marconi Royalties. Extras, valves 30/- each (two required), Headphones 17/6 to 25/- pair.

Receives broadcasting anywhere in the British Isles. Descriptive folder on request.

RADIECO LIMITED, Stileman's Works, Wickford, Essex. Phone

# DISTINCT AND DIFFERENT ust what Wireless Ought to be!

Ask for demonstration at our WEMBLEY EXHIBITION STAND, V927, Musical Section, Palace of Industries.



### THE EDISON BELL "B" CRYSTAL SET

is a marvel of sound value. Its simplicity and efficiency make it an ideal instrument for those wishing to listen to broadcasted concerts, while the special construction of the set will appeal to experimenter and advanced worker.

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. detector is of the now well-known TWIN type.

### Specification.

PRICE 2:10:0

COMPLETE. (Including B.B.C. Tariff.) Weight, 5 lbs. Size, 81 x 6 x 71 deep, with eboneum panel, fitted into a polished cabinet, with nickel plated fittings throughout, reliable fastening, and strong leather handle for carrying.

### THE EDISON BELL NOTE MAGNIFIER

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,

A small fuse is fitted to avoid danger of destroying the valve through accidental short circuit. Special terminals are fitted for grid bias batteries, so that higher plate voltages may be used and louder signals amplified without distortion. When efficient Loudspeaker strength is desirable a second note magnifier may be added.

### Specification.

Weight, 41 lbs. Size, 81" x 6" x 5" deep, with eboneum panel, fitted into a polished cabinet, with nickel-plated fittings throughout.

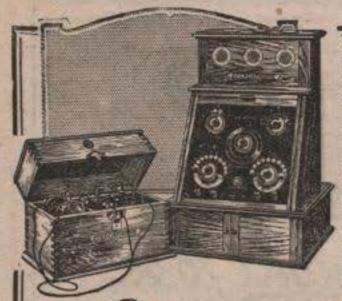
### PRICE

COMPLETE. (B.B.C. Tariff and Marconi



There is over 30 Years's behind the Name @

MANUFACTURERS J. E. HOUGH, Ltd., EDISON BELL WORKS, LONDON, S.E.15.



### The "NELSON"

Model de Luxe (on right), in polished wal-nut case with cupboards for H.T. Bettery and phones and roll front. Prices complete except Valves Valvest

3-Valve -2-Valve -£28 Plus B.B.C. tariff extra

### The "BENBOW"

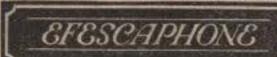
(Crystal Set) Price complete £3 10 0 Plus B.B.C. tariff extra

# isten in with an Efescaphone

The "Nelson" "Efescaphone" 3-valve set enables you not only to histen-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.

"Efescaphone" sets are perfectly simple to instal and operate, splendidly constructed in every detail, and beautifully finished. The "Nelson" model Efescaphone is contained in a French polished walnut cabinet with a roll front which can be closed down when the instrument is not in use.

Write for Price List P.930, containing full details of this and other models of



Receiving Sets. It will be sent to you post free, together with name of nearest dealer.



Wholesale only: FALK, STADELMANN & CO., LTD., Efesca Electrical Works: 83-85-87, Farringdon Road, London, E.C.1, and at Glasgow, Manchester and Birmingham,



WHERE is the windom of buying a 65 3c. Oil Crystal Beceiver and relying on an inefficient passe of Crystal as a Detector? Better pay a fair peter for a Crystal like Cymosite, which is stientifically selected and tested. Many users have found that Cymosite gives them results more than twice as loud. From all Dealers or direct from NORMAN HALL, A.I.R.E., Durham Road, Low Fell, Gateshead-on-Tyne.

THE SUPER

SOLD ONLY IN SEALED BOXES

All who enjoy

### Mr. ALLEN S. WALKER'S



delightful broadcast stories of our famous old buildings agree that he is just as interesting to read.

> Have you read his tascinating little book

"THE ROMANCE OF BUILDING" AN INTRODUCTION TO ARCHITECTURE? If not, there is a pleasure in store for you 3/6 AT YOUR BOOKSELLERS' 3/6

or directfrom the Publishers (Postage 4d. extra). GEORGE PHILIP & SON, LTD., 32. FLEET ST., LONDON, E.C. 4.
Defailed Prospectus on application.

Mr. ALLEN WALKER

Summer LECTURES and VISITS to HISTORIC LONDON

For full particulars of places, dates and tickets, apply Secretary, Historic London Visits, 22, Eccleston Square, S.W.1. A GENUINE TRIPLE-PROOFED GABACDINE

# RENCH COA

IN EITHER BLUE OR FAWN SHADE FOR

CARRIAGE PAID.

A combined Overcoal and Storm Coat, stylishly cut and finished, which has stood the test of time in the most inclement weather.

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

Read Mr. Willie Smith's the Great Billiards Champion) tribute to this wonderful Ceat. "Your Trench Coat has been my beauth friend during sturp weather. It is certainly the imartest 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.

WILLIE SMITH."

The coat is actually sent on approval. If you do not consider it the very greatest hargain you have ever seen in full, coats using that the pastage incurred by your returning it. We are the lottachang only form making this effer. The Special interlining renders wood utwood to Stormproof. A smart check lining gives an attractive and creasy limish to it. Its detachable wood lining is removed in a few seconds, making it ideal wear both in cold and warm weather. The excellent galancline shell is of sterling and reliable quality.

Post us your remittance for 32/6, giving us your height and cize round chest over waistcost. stating whether BLUE OR FAWN SHADE IS PREFERRED.

S. A. BARRY & Co., Ltd.,

(R.T. Dept.) 26, City Road, London, E.C.1. (Near Moorgate Tram and Tube Terminus.)

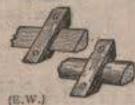
£500 GUARANTEE.

We will forfest the sam of come of come 22/6 Trench Cost is not identical in quality with many costs which have been selling at 63/- and own higher prices. Our prior to-day, in ELUE or FAWN, is

for the best Tastering Value in the World, write-to our Fearniss Department for FREE PATTERNS of our Famous All-Wood 4th Suits to Measure, rained by our Clicots as worth at 14 to to 45 to 9, and applied by its on our Satis Inciden Generated Hass.

We forfell 2/6 mer than your money back if we fail to the your perfectly from self-measures, by means of our sumplified takes of KASTIKEMUNT SYSTEM.

### SOLID OAK STAIR RODS complete with



Unbreakable Wood Eyes

Hand polished, light or dark, flat or round face, from 10/6 doz. post paid. Send To-day for FREE samples of Rods and Fittings. SATISFACTION GUARANTEED or MONEY REFUNDED.

Milborne Manufacturing Co., (Dept. R.T.), 412, Stockport Road. Manchester

HOLIDAY CRUISES GLASGOW TO WEST HIGHLANDS AND

ST. KILDA

If you have not yet fixed your Holidays, take a week's delightful sailing through Outer Hebridean Islands. EVERY TEN DAYS from Glassow at 11 a.m. and Greenock at 4.30 p.m. by splendidly fitted Steamer "HEBRIDES." On Special dates, Cruise is extended to the Romantic and Lonely Island of ST. KILDA. The Western Island Gruise is also extended on special dates to wild and beautiful LOCH ROAG, West side of Lewis.

Telegraphic Address -- JOHN M'CALLUM & Co., Telephone-"M'Callum, Glasgow." 87, Union Street, Glasgow, 2163 Central,

# NEWCASTLE CALLING

Post your soiled Suit or Costume to Dept. R., Bradburn & Co., Dyers and Cleaners (Estab. 1832), George Street, Newcastle-on-Tyne. You will have it back in 3 or 4 days, cleaned and pressed like new, for 6/6, return post paid.

TOWNS TO ALL OTHER



CHOCOLATES

"Gaiety" Assortment 1/- per 1-lb. And in 1-lb. and 1-lb. Fancy Boxes.

Printed by Newnes & Pearson Printing Co., Ltd., Exmoor Street, Ladbroke Grove, W. to, and Published for the Proprietors by George Newnes, Ltd., 8-11, Southampton Street, Strand, London, W.C.2, England. - June 6th, 1921,

# AN AMAZING WORK

FOR THE AMATEUR AND THE EXPERT.

The most complete and comprehensive work on Wireless ever published, and of the utmost value to every broadcasting enthusiast.

WIRELESS TELEPHONY AND BROADCASTING. By H. M. DOWSETT.

For nearly 30 years the author of this wonderful work has been intimately associated with every aspect and development of Wireless Telegraphy and Telephony. He has "demonstrated" in all parts of the world and, apart from his services to various Governments and to the Marconi Company, since 1915 he has been editor of the Handbook of Technical Instruction for Wireless Telegraphists, the standard handbook for training ships' operators. Mr. Dowsett is thus thoroughly equipped, not only because of his scientific training as an electrical engineer, but also by reason of his extraordinary practical experience, to produce a work of the highest authority. A glance at the contents of these volumes will show their wide scope, but even a cursory examination of the books themselves would prove they contain a mass of information, of photographs and of diagrams, unequalled in any other work yet produced.

Every page is clearly and fascinatingly written. Every part of each subject is carefully and convincingly explained so that the merest amateur can follow the most intricate description with the ease of an expert. As for the expert himself, he will find hundreds of practical suggestions for improving his own apparatus. Photographs and working drawings abound to elucidate difficult combinations and the most complicated wiring systems are easily unravelled by means of superb coloured diagrams. Mr. Dowsett has produced the Wireless Vade Mecum.

TO-DAY

### The GRESHAM PUBLISHING COMPANY, LTD., 66, Chandos Street, Covent Garden, London, W.C.2.

SEND THIS COUPON | Please forward me a copy of the Prospectus of your work, "Wireless Tele Please forward me a copy of the Prospectus of your work, "Wireless Telephony

Name	 ***************************************	
Address	 	

R.T. 6.6.24.

(Please write clearly.)



### THE FELLOWS LIGHTWEIGHT PHONES

weigh under 6 ozs, and are extremely com-fortable. With the special spring adjustment, the carpieces may be moved into any desired position, or separated without the use of adjust-ing nuts. This fitting is specially designed not to tear the hair. Wound to 4,000 ohms, they are very sensitive and are well made with dur-alumin head bands, stalloy disphragms, etc.

Adot, of The Fellows Magneto Co., Ltd., London, N.W.10,

---



### Be guided by the Empire's choice of Hearing Aid.

The Acousticon is installed in the great Conference Halls at Wembley so that the deal, as well as those with normal hearing, SHALL HEAR EVERY WORD to be uttered by the great exponents of Empire allairs.

For 25 years the medical profession has recom-mended the AcoustiCON. It is the hearing aid used in the greatest hospitals and the ONLY one ever awarded a GOLD MEDAL by ROYALTY.

It is the Empire's choice, the Doctor's choice and the choice of over half a million people by whom it is worn regularly.

The AcoustiCON is installed in the Conference Halls at Wembley. It can be tested by anyone at Stand No. 1, Avenue 11, Bay 8, in the Palace of Engineering. Demonstrations at our various offices also continue in the normal way.

### WIRELESS

News of the AcoustiCON has come as a wonderful boon to hundreds of dead persons who did not think that they would ever be able to hear wireless properly. It is the one great aid for hearing wireless, giving wonderfully true and clear magnification of all sounds.

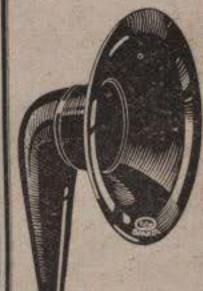
### GENERAL ACOUSTIC COMPANY,

49a, Acousticon House, 18, Hanover Street, Regent Street, London, W.1.

Branches in all principal towns.

# Comparison proves "Sparta" supremacy

A visit to a demonstration will quickly con-vince you that for all classes of vocal, orchestral and instrumental entertainment, nothing equals the



Type H.A. 2,000 " Type H.A. 4,000 " €4-15-0. Type B. 120 chms. The first Loud-Speaker to provide for

through a 6-position £5-15-0.

Write for list 315A.

Inlly describing the
complete Fuller range of Wireless
components.



Fuller's United Electric Works, Limited, Woodland Works, Chadwell Heath, Essex

Telephone-Blord 1200 (6 lines). Telegrame-"Fuller, Chadwell Heath." London Depot: 58, High St., W.C.2

Combined Excellence. Speaker of

# The STERLING 4-Valve Long Range Radio Receiving Set

# Lengthens the Joys of Summer Days

Radio never tires of entertaining you. During the afternoon and early evening it has given you music, news and things that interest. Then when the sun goes down and the joys of the hours out-of-doors are over, there is no anti-climax. For there are the Sterling 4-Valve set and the "Audivox" Loud Speaker ready to go on providing unequalled entertainment. There is no better combination than this Sterling set and the "Audivox," for it gives you to the full all the pleasure of broadcasting, both in volume and tone. Ask your dealer—he knows.

The Sterling 4-Valve set illustrated below, comprises one stage of high (Radio) frequency amplification, a detector and two stages of low (Audio) frequency magnification, the last consisting of a "Power" valve coupled by means of a Sterling "Power" Transformer to give great volume whilst still preserving purity of tone. Normally fitted for receiving B.B.C. transmissions, the ret can quickly be adapted for others up to 3,000 metres, thus including "Radiola," Eithal Tower, etc. Complete with Valves, Headphones, H.T., and Grid Batteries

B.B.C. Tariff, £1 : 5 : 0 extra net.

STERLING "AUDIVOX" LOUD SPEAKER, the ideal instrument for use with the receiving set described above. In Black Enamel £5:15:0. In Brown Floral Design £5:17:6. In Black and Gold Floral Design £6:0:0. In Black Matt finish with Oriental Design £9:9:0.

### Obtain from your dealer!

STERLING TELEPHONE & ELECTRIC CO., LTD.

