

OFFICIAL ORGAN OF THE B.B.C.

Vol. 5. No. 62.

Repirtured at the

EVERY FRIDAY.

Two Pence.

OFFICIAL. PROGRAMMES

THE BRITISH BROADCASTING COMPANY.

For the week commencing SUNDAY, November 30th.

LONDON CARDIFF ARERDEEN GLASGOW MANCHESTER BIRMINGHAM BOURNEMOUTH NEWCASTLE BELFAST

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

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LISTENERS' LETTERS.

PROGRAMMES

"5XX" HIGH-POWER STATION TO BE PERMANENT.

TWO distinct programmes are now available nightly throughout Great Britain for valve uners.

This is due to the regular operation of the new high-powered station at Chalmsford (* 5XX.*), which is working on a wave-length of 1,600 metres. The adaptation of wireless sets to this higher wave-length is, in the majority of cases, a simple matter and will be found well worth white. Early next year the high-powered station will be moved from Chelmsford to a more control position at Daventry, in Northamptonshire. This change in position is unlikely to affect valve reception, but will materially add to the area over which crystal reception will be possible. The B.B.C. attaches great importance to this new service, for not only does it mean an alternative nightly programme of national standard for all valve users, but it places the benefits of broadcasting at the disposal of every home and cottage within at least one hundred miles radius of the new station.

provided an opportunity for putting into practice an ideal that has long been nursed by the programme department, and awaited by the listening public—the provision simultaneously of programmes so contrasted as to appeal in some measure to all tastes and temperaments.

The most effective contrasts can only be decided by experience, but some useful data should soon be furtheoming, for two experi-ments are to be made before the New Year-one on December 15th and the other on Decem-

ber 20th.

On December 15th, Chelmsford will transmit a performance of Prince Igor, played at a Brussels Opera House, and relayed by wireless from the Brussels Station. In contrast to this, the London Station will, at the same time, provide an evening of musical excespts by a hight orchestra.

The scheme of contrasted programmes will be developed a stage further in the New Year, when the high-powered station, now at Chelinsford, will broadcast three special programmes weekly. These will contrast with those given by the London Station and (except on Tuesdays) by the majority of provincial stations.

On each Tuesday beginning with the first Tuesday in January, Chelmsiord will take a second programme from Savuy Hill. On January 6th, London will broadcast a symphony concert, while the high-powered station will broadcast a balled concert. As the symphony

THE success of "5XX" at Chelmsford has | concert from London will also be broadcast simultaneously from the provincial stations, there will be alternative programmes through out Great Britain for the possessom of valve sets.

On each Thursday, beginning with New Year's Day, the high-powered station will broadcost a distinctive programme provided either by some outside source within the metropolitan area os in the provinces—such, for instance, as the Halle Orchestra at the Free Trade Hall in Manchester, or De Groot and his Orchestra at the Piccadilly Hotel, Loudon. This programme will again be made to contract not only with that from London, but, so far as possible, with most provincial programmes.

On each Saturday, one of the provincial stations will provide the high-powered pro-gramme. The first one will come from Bournemouth on Saturday, January 3rd, when light symphony music will be broadcast in contrast to a popular orchestral programme at London, and other equally distinctive programmes in the provinces. In January, other Saturday evening provincial programmes for radiation by the Chelmstord Station will be provided by Cardiff Birmingham, Manchester and Glasgow. Each will be of a "feature" character.

On Mondays, Wednesdays, Fridays and Sundays, the high-powered station will broadcast the same programme as London, but instead of taking the religious sudress regularly

(Continued overley) in column 3.)

A Peep Into Fresh Fields.

By Arthur R. Burrows, Director of Programmes.

THE average listener whose set is deliberately constructed to respond best to tends transmitted within the limits of the British broadcasting wave-band of 300-500 metres has little apportunity for making first-band accurate two with allow fields of simulations with allow fields of simulations. hand acquaintance with other fields of wireless

activity outside broadcasting.
If he lives near the coast, he will probably have realized by now how considerable is the traffic conducted by wireless means between ships at sea and the several stations on our coasta and the coastline of France, Belgium, and Holland. These stations work mainly on 000 metres, just outside the highest limit of our WHITE-BREEK

The Joys of Exploration.
If we readjust our receivers so as to receive efficiently on higher wave-lengths than those employed for broadcast telephony, we find before on an astonianing field for exploration. Rising to 900 metres, we are almost certain, if listening during the daytime, to bear more telephony-not broadcast music this time, but the voices of airmen searing above the clouds between Croydon and the capitals of Western Europe. They are probably asking for bearings or giving information upon their whereabouts to

the aerial traffic controllers at the termini.

It is quite a fascinating means of whiling away an hour to sit with the receiver tuned to 1000 metres and to listen to the various reports on position transmitted to and from our

air expresses.

Rising higher in the realm of wave-lengths. three is little of interest to the possessor of a greated set, if we except the telephony probut the prood possessor of valves and suitable treuits will be constantly striking upon some commercial telegraphy station transmitting Muse on a flutelike note.

The "Everest" of Wirelow. In several cases the Morse characters are being radiated at such a speed that it is imare being transmitted and received by electromechanical means. Some of these, mostly on wave-lengths between 2,900 and 4,000 metres, will be messages passing between the wireless stations of the European capitals, others on higher wave lengths say, from 5,000 metres npwards—will be messages in the process of exchange between Europe and America. Some may consist of time signals and weather reports deliberately broadcast telegraphically for the benefit of mariners and others in solated places. Amongst the stations taking part in these public services is Bordeaux, the "Everest" of wireless, with a wave-length of 23,400 metres.

Radio versus Nature.

This bruge me to the fact that wireless is daily expanding its field of usefulness, though duity expanding its field of usefulness, though mostly in other countries. Whilst the light-hips round our ceast are gradually being equipped with wireless telephones so as to do away with the heavy repair hills usually associated with shallow-water telephone cables, portable wireless apparatus is not encouraged in this country, and if we except the wireless of the "flying squad" at Scotland Yard and the several varieties of portable equipment used by the Army, Great Britain cannot claim to be taking an active mart in amplied telegraphy. to be taking an active part in applied telegraphy or telephony.

In America things are different, Fire brigades find wireless of value as a means of keeping is with headquarters during a serious outbresk; at least one railroad communicates by wireless means with the officials on its expresses. and me State uses wireless in the survey of its

roads and for the summoning of repair gangs in the event of highways being damaged by wind or flood. One island on the West Coast of the United States is actually linked with the telephonic system of the mainland by wireless means, and it is possible thereby for anyone on the island to indulge in telephonic conversation exactly as one would do on the usual public telephone service.

The March of Progress.

America has also used wirelessly equipped acroplines to great effect for the discovery of forest fires. Many square miles of viduald-timber and nomerous villages have been sayed by early aerial indications of these dreaded

conflagrations.

The Canadians have used aeroplance and wireless not only for surveying purposes, but as an aid to their fisheries. Much time and labour can le saved when it is possible to indicate by aerial reconnaissance the exact whereabouts of the shoals. At a recent meeting of the Canadian Land Surveyors' Association it was stated that radio is revolutionizing exploration and survey work in the Far North and that, whereas, surveyors in the past had to rely upon chronometers for their time and, incidentally. their positions, and were consequently in contimeal fear lest these chronometers might become erratic or stop allogether, now they carry portable wireless sets with dull-emitter valves and dry batteries and get the correct time at intervals throughout the day from the principal American and European high-power wareless stations.

The Silant Continent.

Wireless has also been employed with success in resent years by the members of International Boundary Commissions, notably those covary d in Angle Egyptian Sudan and Equatorial Africa. The French surveyors are believed to have used the wireless method of securing correct time along the whole 1,200 miles of their survey.

As with land surveys, so with the more romantic work of maritime exploration. Every few months some sturdy little vessel sets out for hazardous work in the polar regions. For one of these to leave its home port without wireless equipment is the exception rather than the rule, despite the fact that the work of installation on a small boat relying largely on sails is usually one of difficulty. Not only can such vessels get their bearings at the usual hours for time signals, but they are able to follow the course of events in various parts of the world. I have talked with men who have lived for months amount the appalling silvers of the Antarctic confinent, who have been isolated as Spitzberson and on who have been isolated on Spitzbergen and on the wind-swept pastures of the Falklands, and they have each referred to the wireless news bulletins of the world's high-powered stations as the only thing worth living for.

For Lonely Islanders.

How many readers of The Radio Times have visited the Farce Islands, that group of islands lying well north of the Orkneys and Shetlands and about half-way between John o' Greats and Iceland? How many could give us hand the language of their inhabitants, now numbering something approaching twenty thousand? Yet there reached us through the kind offices of an Aberdonian a few days ago a copy of the principal paper in those islands, printed in Dameh, in which considerable space was devoted to an article by a local wireless enthusiast on "How to get Chelmsford." Chelmsford, I can well imagine, represents more to-day to many a Faroe Islamier than any other town in the British Leles.

mental business Continues

Programmes for All!

(Continued from previous page.)

from the London studio, it may broadcast the most important service or address given at one of the provincial stations.

From the experience gained during the first three months, when three contrasted pro-grammes will be broadcast weekly, it is hoped to secure sufficient data to decide whether or not there should be a further elaboration of this scheme.

This will depend, however, not merely on the success attending the technical and programme developments, but upon the added support given to British broadcasting; for these additional programmes will entail very heavy costs, and the existing receive of the Company is only just sufficient to meet the present demands. We hop, therefore, that existing listeners will stimulate an interest in broadcasting in others, who, at the present moment, hold along; and, furthermore, that those who may be enjoying our programmen whilst indifferent to the financial side of the matter, will take out their licences forthwith.

It is felt that in adopting, even to a limited extent, the principle of alternative programmes. the way is paved not merely for providing classes of entertainment which will please all tastes, but also for giving in each separate transmission something that will, perhaps be better defined and more artistic in general nake-up than has been possible hitherto.

There are some points in connection with the high-powered station on the technical side which the public should appreciate. We cannot dobetter than indicate the contents of a letter received from one who lives in the north of Scotland. The writer pointed out, in the first place, that, when Chelmsford started, he found that London eame through just as well, but that it was quite hopeless for his purpose, as it was so very badly jammed by much, sparks, atmospheries, and so on. On readjusting his set, however, to meet the conditions of 1.600 metre reception. be found that there was no comparison, either in signal strength or in purity, between "5XX" and "2LO," and "5XX" is now his favourite for all broadcasting. This experience is confirmed in many other

We do not pretend that technical perfection has yet been reached, for the Chelmsford Station is providing in a few isolated localities problems connected with fading and "night effects. In the West Country, for instance, there are complaints of distortion, but these may disappear with increased experience in reception on the

higher wave length

We would also warn crystal users now enjoying the Chelmsford programmes that when "5XX" is moved to its new site in the vicinity of Daventry there is bound to be a difference in signal strength; many now living west of Chelmsford will notice an increase in strength, and others in the Eastern Counties a dimenution in strength, which may be more than cumpensated for by the use of one valve.

There will be no actual change in the power of "5XX" on its removal, but some main in efficiency is expected by the employment of a better aerial and a more reliable system.

Until the Chelmsford Station is moved to Daventry the transmissions should still be regarded as experimental, for the goar is still of an experimental character; but, as the breakdowns are only in the nature of one per cent, of the transmitting time, we feel justified in continuing the service from the temporary

fficial News and Views. Gossip About

London's Chamter Music Programme.

London's Chamber Music Programme.

THE London programme will be devoted to Chamber Music on Wednesday. December 3rd. The Ladies' String Quartet will give a group of three Idvils by Frank Bridge, one of the best modern English sumposers, who is particularly assessed in his chamber music works. Mr. Bridge is an accomplished viola player, and, in fact, performs upon almost every instrument of the orchestra.

The Country will also accommand Mr. Naguran.

The Quartet will also accompany Mr. Norman Notley, a baritone who has by his recital work built up a big reputation in London musical

Mr. Evelyn Howard Junes will give Beethoven's Sonata Apazzionata, Op. 57, in F Minor. This is, next to the Moonlight Sonata, perhaps the most popular of Beethoven's Sonatas. This transmission should be of special interest to teachers and students.

Aberdeen's Scandinavian Night.
The Aberdeen Station is holding a Scandinavian night during the evening of December 2nd. There are many listeners in Scandinavia, who receive the Aberdeen Station better than any other B.B.C. station. It is hoped to broadeast the announcements in Norwegian.

Music and the Submarine Cable.

Music is not being relayed to the Beliast Station at present because of the difficulties subcrent in transmission over the submarine cable. A commercial cable is designed primarily to carry speech, and many of the higher frequencies of the voice are attenuated or lost m transmission over the cable. The is not serious where speech is concerned, because many of the frequencies can be cut out of the voice while still leaving it intelligible, if not matural. It is different with music, where every frequency, from the highest harmonics of the violin to the lowest note of the 'cella, should be present in the transmission.

Old Pantomime Favourites.

The Bournemouth Station, which has led the way with "Memories Nighta," is speciali ing on Tuesday, December 9th, with "Old Pantomimo Parourites." Charles Coborn, Ray Wallaco, and Jay Kayo will revive happy memories of the "Eighties and Nineties" to those

listeners old enough to recall the "good old cinyrs."

Postry and Music.

A programme of "Poetry and Mesic" will be broadcast from Hournemouth on Fri-day, December 12th. Mr. S. Fowler Weight and Miss Marlge Whiteman will be heard in excerpts from Byron a Marfred, Moore a "Liallah Rookh," and Tennystes & In Memorian. The Wireless Orchestra will demonstrate "Poetical Suggestion," through the medium of Schumann's medental Music to "Manfred," Sterndalo Bennett's "Paradiso and the Peri," and Sullivan's overture "In Memoriam."

The Belfast Station will broadcast a short Mozart programme on Tuesday, December 2nd. Miss Minnie Hanna will sing some of the bestknown Aries from the Operas. The Orobestral work will include the Concerto in A minor for clarinot and orchestra, with Mr. E. J. Harris in the solo part, and the amusing Minuet in D for strings and two borns.

Broadcasting Handel's " Musish."

The Beliast Phoharmonic Society's third concert this season will be relayed from the Ulater Hall on Friday, December 12th. Handel's Messich will be performed with a distinguished quartet of soloists.

Grand Opera in Miniature.

An abridged version of Rigoletic, Verdi's grand open, is being broadcast on December 6th, from the Aberdeen Station. The conductor will be Mr. Arthur Collingwoode, F.R.C.O. Grand Operas in miniature are very pupular with Northern listeners, and one will be broadcast every fortnight.

An Old-Pashioned Night.

At the Edinburgh Station the chief feature of next week will be the programme to be broadcast on Friday, December 12th. It will be an "Old Fashioned Night," and sough and resistations reminiscent of the Early Victorian period will be broadcast. The same evening an amusing Scottish comedy by a local authoress, Miss Ella Boswell, will be performed.

Famous Russian Composers.

A Russian Composers Evening will be given at the Dunder Station on December 12th. The Hartley Quartet will give selections from the works of Tehakovsky, Rubinstein, and other Rossians. The suite, Spanish Dances, by Moskov ky, will also be performed. Mr. William Hartley, sole violin, will play selections from Harsley-Korsakov (arranged by Kreisler), and Wienawsky, Mr. Fletcher Parry's repertoire will include "The Dreary Steppe" (Grecheninov), and "Song of Mephistopheles" (Rimsky-Korsakov.) The songs to be song by Miss Gretta Don will include "Beroeusu" (Arensky) and "Parting" (Ippolitov-Ivanov). International Symphony Concarts.



The orchestra - num bering about one hondred players at the first of the new series of International Symphony Concerts, organized by the B.B.C., will be con-ducted by M. Pierre Monteout, one of the most distinguished of French musicians. Ho bas filled many important prets since 1911, when he was engaged as con-ductor of the Russian

Ballet. In this capacity he conducted in London, Paris, Berlin, Vienna and Budapost until the outbreak of war. During the war he served as a private soldier, but in 1915 he was released to go to America as conductor of the Russian Ballet. He then toured America, and after a period so conductor at the Metropolitan Opera House, New York, he was appointed conductor of the Boston Symphony Orchestra, a position which he held from 1919 until the rud of last season.

Colabouted Conductors,

The First Symphony Concert of this series will be given at the Royal Opera House, Covent Garden, on December 10th. It will be made additionally interesting by the appearance of Miss Beatrice Harrison, the farmous contest. Seats for this concert can now be booked at the box office of the Opera House.

The second of the series will be given on January 18th, when the conductor will be the famous Swiss, Mr. Ernest Onsermet, and the saloist will be Mr. Albert Sammons. Mr. Bruno Walter, who will conduct the

third concert of the series, on February 12th, and who made such a success of the last German Opera Season at Covent Garden, is one of the most distinguished of German coulds to:

Two Important Talks.

Professor H. J. C. Griensen, LL.D., Litt D., Professor H. J. C. Griensen, LL.D., Litt D., Professor of English Literature at the University of Edinburgh, will give a talk on "The First Novel," on Thursday, December 11th. This will be S.B. from the Edinburgh Station to Glasgow and Aberdeon, On Friday, December 17th, at 8 p.m., Miss Rosaline Masson will give a talk on "Old

give a talk on "Old Edinburgh," on which sho is well qualified to speak about, for she is the authoress of several books on the subject.

For Lovers of Dickson,

Sir Alfred Robbins, the distinguished journalist, will give a lecture on "Dickma's America and To-Day," under the Speaking Union, at 3 p.m. on December 18th, at the London Station.

For Franch Students.
Mons. E. M. Stephan
will read "La Mort du Loup," by Alfred de Viguy, at the London Station on December



Voice of Uncle : "Hullo, Chicks !" britated Listener: "Confound it! Another talk on poultry!"

The Songs I Like to Sing.

By Gladys Palmer, the Contralto.



MIN GLADYS PALMER

THE state in feet. ing appeals to me. I sometimes think I sing my best when I am protising at home, when no one is histenlag, or, if anyone is, it may be only to wish I would give my voice a long rest! Similarly. anyone who has been on the stage knows that the "glave of the loothghts" is just as

effectual in shutting your audience from aight as

the blaze of an approaching car's headights in concealing the read behind them. To me, at least, this "shut-in" feeling on the stage is very helpful. I think that anything that tends to break an artistic illusion is to be deprecated. That is why I dislike "calle," after the curtain has once come down- at least, between access and acts. It is a deliverate attempt to undo what one has been striving, beart and soul, to do-namely, so to present a port that it is as real to an audience as it is to oneself, and that can only come to pass by atter forgetfuness of seif.

To say that this never happens on the public platform is only to speak a dreadful truth. Nobody unused to appearances of this kind can realize the borrer of that terrible moment, leg as years, when one has to walk on to a platform, face one's audience, and realize the met that a sound of some sort has to be made to keep that crowd quiet. It is one of those udescribable moments which belong to the region of nightmare, and one realizes only too well the presence of that painful self-consciousthe most experienced ortists.

The Happ new of Breadcasting.

Thus it follows, quite logically, that in broadcasting effort is stimulated by the absence of these sensations. I think that is why oinema seting is often so extraordinarily good. The actors have no audience visible, and they also know that the inexerable camera is recording their alightest setion, their briefest glance,

their least change of countenance or position.

Recadeasting has the same effect on me. I feel I have to put both tone and personality into my singing. I dare leave nothing to sharee. That microphone will record blomsber as faithfully as excellences. This keeps one up to a high pitch of artistic endeavour. But the real result of all this is that I forget that there is gayone listening to me outside the studio, and this loss of self-consciousness is, for me at lesat, all to the good.

Therefore, I can say truthfully that broadcasting is, to me, almost the happiest method of expressing my feelings in song, always excepting opera, and there one is always somebody else, so it doesn't matter.

Dressing the Part.

My happiest evenings in the B.E.C. studio are those on which a "production" is broadcast, and, if I am to choose a favourite "radio I think I must just stop at that. That is where my preference falls. For one thing, I find it highly diverting. It is fun—and when your work is fun, it has reached its highest development. You just love it, and, leving it, you make the very best of it.

It is so much easier to hold a character when there is dialogue to help it. Even when one is not actually on the stage, the feeling of being on the stage puts a great deal of colour into one's voice, and an occasional gesture at once gets a different inflection. I believe, too, that it would be extraordinarily helpful if one could dress one's part.

For the rest, I can only say that a broad, scatained song of a dramatic type is certainly easier to "get over" than a quick staccuto one, the words, of course, being the difficulty. They are so very important in broadcasting.

I like singing all the classics, English, French, Italian, German, and I have an equal fondness for modern English songs, Quilter, Bridge, Ireland, and the rest of a noble and talented band. Luckily, I have a wide compass, so am equally happy singing light comedy, or " grand " opera and oratories, in cither mezzo or contralto

Finally, it is a real happiness to think and feel that joy can be broadcast, that I-singing, as it were, to myself-can sing at the same time to aurounted multitudes, that by my feeble voice I can reach the bedside of some sufferer perhaps hundreds of miles away, and bring a ray of sunshme into some darkened life. Art for art's sake may be very well, but art for love a sake is

(Miss Pulmer is singling in The Ross of Persis in Thorsdor,)

From All Stations.

Facts and Figures About Radio.

THE Hull Corporation requires all owners of serials crossing public roads to pay a fee of a shilling a year,

An airship, specially constructed for voyages to India and Australia in shortly to be built in this country. The airship, which will be the biggest in the world, is to have two dance balls which passengers will be able to dance to the strains of music provided by radio loudsprakera.

A fund to provide every needy blied person in America with a receiving set has been opened in the U.S. The appeal was mangurated by a broadcast message from Miss Helen Keller, who is herself blind and deaf. Miss Keller was ones damb but taught herself to speak. She can hear radio music by touching the diaphragm of the receiver.

Wireless signals sent out from the New York Radio Exhibition circled the world castward in five seconds, and westward in six seconds. A cable takes about eighty seconds to go cound the world

A miniature sensation was exceed during the recent American elections by a radio singer who concluded her song with the words:
"Good night, and don't forget to vote for
Davis." She was reported to the authorities,
who are as anxious to keep broadcasting inpartial as the authorities in Britain, singer was threatened with exclusion from all future engagements. Finally she apologized and the matter dropped.

The Pittoburgh broadcasting station, KDKA, has been heard within eleven degrees of the North Pole, by the Canadian Government ship,

The recent talk on ancient war models led to a listener successfully claiming from the War Office two medals awarded to two of his uncles who fought in the Crimean War. They had been unclaimed for seventy years.

Chelmsford is being picked up in India on a home made three valve set. The owner of the set an English engineer living in Bombay, states that he receives the English programmes daily-

"The Rose of Persia"

Plot of an Eastern Opera.

"The Rose of Persia" will be relayed from London on Thursday, December 4th, and S.B. to Bournemouth, Cardiff, Newcastle, and Aber-

HASSAN is setting in his garden. His wices ASSAN sings the song of his fire and twenty weres ("I'm Abul Hussen"). He musters them and flods a twenty winth, who is given a menth's notice in lieu of divorce.

ARDULLAH the Priest comes to remonstrate with Hassan for his alackness In religious matters. " When Islam First Arose."

YUSSUF, the Story-Teller, has met a beautiful girl, whom he takes to be a danning girl, in the street with three others. (It is, in fact, the Sultuna herself with three of hee women.)

ABDULLAH enters with police. While he reading the royal authority for his intrusion, HASSAN has bribed the officers. The Sultana and the three slaves are stealthdy leaving the house with YUSSUF just as ABDULLAH finishes his Proclamation, and he orders their arrest. HEART'S DESTRE doclares it is the Sultana he has arrested. HEART'S DESIRE slips away to see if the

coast is clear for getting back to the polace. RASSAN offers them "bhang," which he recommends as more potent than opium. REARTS DESTRE has met the SULTAN and his officials on the way hither. They are dressed as dervishes.

HASSAN enters intoxicated with the drug-He declares himself to be the Sultan and that the SULTANA is in his house. The SULTAN tells them to accept the story and bring HASSAN in state to the palace, The officials have in state to the palace, The officials have returned in their Court costumes, and HASSAN

is lifted into the royal lifter.

HEART'S DESIRE is discovered in the Addience Hall of the Sultan's palace, (Song ... Oh, What is Love!") The Court assembles (Chorus) and the Sultan makes his ceremonia) entry. It is explained to ROSE IN-BLOOM that another lady is calling herself Sultana, apart of a joke the Sultan is playing on HASSAN HASSAN is brought in still tocomerciae:

he begins to wake up. When the Divan is opened, the first suppliant is YUSSUF. He asks for the royal slave, HEART'S DESIRE as his wife. Whilst on the subject of wives, HASSAN learns that he has 071 in the barem. ABDULLAH enters and states that ROSE IN BLOOM visited HASSAN'S boose the previous right. The SULTAN furiously orders HAS-SAN'S death and the SULTANA'S marriage to YUSSUF, instead of the slave's.

ROSE IN BLOOM enters for the ceremony of her divorce and diagrace. She hears, however, that HASSAN'S wife is claiming to be Sultana

The EXECUTIONER arrives to make the Proclamation to those concerned, DANCING SUNBRAM, the "Sultana," is pronounced divorced, disgraced, and married to YUSSUF, (Recit, and Quartet : " What Does It Mean !"

People rush in to stop the wedding, the Sultan having relented. HEART'S DESIRE confesses it was she who was at HASSAN'S house wearing her mutres sgot. ABDULLAH is con-demmed. HASSAN and HEART'S DESIRE are not pardoned until ROSE IN BLOOM pleads for a postponement until the slave has Sulshed telling her a story she has begun-HASSAN says that he is the real author; that it was for the purpose of telling it to the slave that she visited his house, so he must be spared if the tale is to continue. It only remains for somebody to think of one. It is YUSSUF who saves the situation (Septet and Chorus: Song and Finale) and straightens out the tangle.

"From My Window."

Philemon Looks at Life.

IT has been the privilege of thousands of listeners to share the view from Plulemon's window, that window whence he looks out on Life. Through his eyes we have learnt on the heavy hurty of modern existence. We should have a prominent place on our bookshelves for "From My Window," the collection of Philamon's essays which Rodder and Stoughton have just published.

"There are so many useless things in the world," says Philemon. "The orange and soarlet sunset; the poppies scattered among the these bear but the remotest relation, if any

relation at all, to Utility or Purpose, but this necess to mo-they are all beautiful.

Many useful things are beautiful, like some chairs, or like the pillars that support an arch; and if a useful thing is ugly, like a vacuumcleaner or a dustbin, it is not condemned there-for. But a useless thing is only justified if it is beautiful; and if it is that, it needs no other justification. There is no discredit in being useless in the world, providing that one is assless beautifully."

In another place Philemon writes of kindness. There is, in truth, an art of being kind; and it requires practice. Generous impulses are more or less common to us all; but how few are able to render a kind action with grace and simplicity! An not of kindness rendered at the right moment may be of quite extraordinary virtue, but at any other than the right moment it may be simply tedious; done privately, it be of inestimable comfort and relief, but, with witnesses, a gratuitous offence; to one person it may be beyond repayment, to another beyond pardon."

Of fear, Philemon says: "Everybody is alraid of something or other-of the surrounding that, of the unknown, of what may be round the corner or behind the veil. We are not all affrighted of the same thing. As a rule, we do not easily confess to being afraid, for somehow or other we feel that it ill becomes a man. If we can shame ourselves, to large ourselves out of our fears, so much the better; for fear in its extreme form is paralying; and in its milder forms of small worries and anxieties in its a serious drain upon our energies. It lessens the power and lowers the dignity of a man. And, really, when one comes to think of it, a large proportion of our common fears are imaginary. You can afford to laugh at them."

In the essay entitled, "The Living Past," Philomon tells us that "the past may always be redeemed. You need not bandicap yourself with it. You need not dread it, as a record which may one day be disclosed to your dis-comfort. A sculptor who should make an un-lucky slip with his chiest upon the marble does not on that account deem his work a failure; but he reconstructs his work so that the very blunder may find its place in the finished result. The result is not the same as it would have been spart from the slip; but there is even a chance that it may be better! Your life is in your hand now—the whole of it, from the very beginning-to make of it what you

"From My Window" (which is published at three shillings and expense) is one of the volumes of the Broadcast Library, of which Mr. J. C. W. Reith is General Editor.

A Lecturer Who Wasn't!

Told by a Wireless Club Secretary,

"I SHOULD think," remarked the new mem-ber, respectfully, "that the necessary qualifications for a post such as yours are not easy to acquire."

The Club Secretary beamed on the speaker. "I thought when you joined us, laddie," he said, genially, "that you were going to be a credit to the club. My suspicious are confirmed. Now listen to this: when you possess vision, forenatch to thus: Whall you possess valor, lore-sight, resourcefulness, courage, and faith, and when to these qualities you can add wide technical knowledge, great physical endurance, and remarkable fluency of speech, then, and not until then, may you aspire, with some degree of confidence, to the thankless, harassing, nervoracking job of secretary to a wireless club."

The new member gazed at the secretary reverently. "You must be able to cope with any emergency," he ventured.

You are right there," roplied the secretary. "Just as an example, I may, perhaps, spare the time to tell you a story. It concerns the activi-

ties of a rival club, and shows how the speaker dealt our rivals a shrewd blow from which. indeed, they never recovered.

The accretary removed his pince-nez and polished the lenses reflectively. "It is Secretary reversitly.



was in the very early days of the Club," he said, "and we were only a few enthusiasts struggling along under great difficulties, trying to increase our membership. Things were just beginning to look up a bit, when a rival club started in the neighbourhood. To make the position still more embarrassing, our rivals cinbroom was in the

same building as ours, on a lower floor.
You must understand that good lecturers were scarce in those days and commanded high fees. It was a matter for surprise, therefore, when our rivals announced, in the local newspaper, that they had secured the services of a well-known expert to deliver a most interesting lecture on wireless telephony, followed by a demonstration on the loud speaker. All were welcome, and it was hoped that a large number

world be encouraged to join the club."
Parrion me for interrupting you," said the new number, "but what were they able to pick up for the loud speaker? There was no broad-

op for the load speaker? There was no aroad-casting in those days, was there? "Writtle my boy," replied the accratary, "Writtle! One crowded half-hour of glorious broadcasting every Tuesday evening at eight! Call sign: '2MT'; wave-length, 600 meters.

The operator at Writtle must have posecsed qualities similar to those I specified Just now. However, we must not linger; time presses. The evening arrived, our rivals' clubroom was crowded, and the expert on entering the room was greeted with loud applause. His and long white The old fellow fiddled about contidence, and



with the apparetus.

the andience settled down to a treat. They got it! For one solid hour the venerable expert spoke in language me technical that nobody present could make rhyme or reason of ft. Still, he was an expert, so they applieded politely at intervals; but when at last he announced that he would now tune in Writtle,

the welkin rang!
"The old fellow fiddled about with the apparatus for five munites or so, and nothing happened. Another five minutes, and still the loud speaker was dumb. The officers of the club could not discover what was wrong, and were looking dreadfully worried, when anddenly from the floor above came the sound of very loud pusso-playing, followed by a powerful veice announcing: 'Wr.z.r.r.r.r.nitic calling!'

"There was a stampede to the door and a

mellow, cultivated voice was heard inviting the crowd to step opstairs and bear the load speaker.
Ladde," and the members," the membership
of our club was quadrupled that myl."
"Great Scott!" orclaimed the new member.

" What had happened ? "

The secretary wagged his torofinger impresof mine who had written to the excretary of the rival club, at my dictation, offering to give a free lecture. The boos-head of a ecoretary took it for granted that he was an expert, and cordially

accepted the offer. The fecture consisted of about six pages of a highly technical electrical review. He paid a wind to Clarkson before turning up at the club.

"I regret to say that some malicious person had cut the lead in of the rival club's acrial? The mellow cultivated voice was, of course, my own; and the literature given away consisted of pamphlets describing our club's activities. It is only necessary to add that our rivals dishanded showly after."

A RIGH-rowen transmitting station is to be installed at the Sureté Générale (the French Scotland Yard) in Paris, and receiving stations at all the important police stations throughout the country. It is hoped by this means to broadcast descriptions of criminals with great

Loup speakers are being installed in each cell of the State Prison at Moundaville, in America, for the benefit of the prisoners.

Tirk Liverpool Bonch recently granted several applications for the installation of receiving sets in public houses.

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

FURTHER broadcasting tests are taking place in the Alps this winter. It is hoped to gather certain facts about radio in high altitudes. Transmissions will take place from a point amidst the move of the Jongines. British broadcasting will be received and relayed over telegraph lines to various centres, such as telegraph mach Geneva and Zurich,

RECARCASTING in America began in 1913.

Eveny Monday and Wednesday, a short talk on fish is given from the Hamburg broadcasting Fahery Authorities, who hope to promote the sales of fish by describing the catch of the day, the retail prices and details of the life stories of various fish. The talk is already said to have promoted frade.

- Charles the Party and the Variation 240

Pieces in the Programmes.

A Weekly Feature Conducted by Percy A. Scholes.

A LIVERPOOL COMPOSERS' RIGHT. (INVERPOOL STATION, FRIDAY.) SUTTON'S CONCERT OVERTURE.

THE construction of this piece is clear and Mozartian, and is easily grasped. There is a brief Introduction, then two Main

Tunes are announced, "developed," and, finally, "compituisted."

The piece ends with a "Coda," or short closing section, founded upon the Introduction.

MILLER'S PIANO CONCERTO.

This piece is written in three Movements. The last two, which are continuous, have been played at the Royal College of Music, London,

E. (Moderately Quick.) The First Movement begins with east chards on the Brass, a drum-roll, and a "CALL," softly given out by TRUSPERS.

Then the Plano is heard, in a little group of notes which is afterwards found to be the nucleus of the First Main Tune. Statsus immediately enter, and gradually a climax is built up, at the summit of which—

The FIRST MAIN TUNE is fully stated by STRINGS and PLANO. For a time it is developed, then the CALL is heard, succeeded by load chords in the FULL ORGENSTRA.

This quickly aubaides, then a little phrase, later found to be of some importance, is heard in Urren Woodwind and Solo Strike

This leads to the SECOND MAIN TUNE (Rather Slow), played mainly as a Piaso Solo. It suggests a folk-song

The rest of this Movement consists of elaborate treatment of this material, the Call being especially prominent.

IL-AIR.

(Moving Steadily.) Note that in this Movement the Strings are moted throughout,

For a while a little phrase is quietly discussed in dialogue between Onon and CLARUNET, with a soft accompaniment of Strings.

After a pause, the Plano enters with a reiterated, harp-like figure. With this the AIR is played by a Solo Hous, Strings suntaining.

The rest needs no description. Shortly after a climan, a soft, low chord on Viola and 'Critos leads straight into-

(Quick.) The Finale is very straightforward. Strang Basses start a pinicolo (plucked) octave figure, over which Faute and Cassiner play the dance-like FIRST MAIN TUNE of the Movement. This persists for a long time.

With a slowing down (to Rather slove ; gud), the song like SECOND MAIN TUNE is given out, divided between STRISOS and high Plano octaves (Woodwind occasionally joining

Starting with Sono Prayo a long development of the First Main Tone follows, and is in turn

followed by the Recapitulation of both Tunes.

In a brief, but brilliant Coda, the "CALL" from the First Movement is heard again, bringing the work to an end.

ROMANCE, BY GORDON STUTELY.

This is a short romantic piece for Violin and Orchestra and will be readily followed without description. It is dedicated to the late A. E. Rodewald, well known in Liverpool for his admirable musical activities there

MORRISON'S "THE JOY OF LIFE."

This is a three-movement piece.

L-SYMPHONIC DANCE.

Note the three Main Tunes out of which the music is constructed. The FIRST MAIN

TUNE is that with which the piece opens. The SECOND is the CLARINET melody, given with a soft accompanionant of Strings and Horn. The THIRD is the Onon melody, which enters to a very soft accompaniment of strings.

IL-INTERMEZZO.

There are three distinct sections.

The FIRST SECTION opens with a Tune on CLARINETS and VIOLINS

The SECOND SECTION opens with a broad singing tune (a little quicker) in Strings.
The THIRD SECTION is practically a repeti-

tion of the First, but a touch of the Second comes into it also,

III - FINALE.

The piece grows out of two Main Tunes ;--After a bar or two of Introduction, the FIRST MAIN TUNE enters vigorously in the FULL ORCHESTES

The SECOND MAIN TUNE will be cardly recognized when it appears, as it is given to BRASS slone. Almost immediately the First Main Tune (in Violas and Clambury) joins in.

If the two Main Tones are grasped, what is made out of them will be pretty clearly followed.

NICHOLL'S "THE OPEN ROAD,"

This Suite for Orchestra is prefaced with the following quotation from Walt Whitman :-

Afoot and light hearted I take to the

open road
Healthy free, the world before me
The long brown path before me leading
wherever I choose

There are three distinct and detached Movements. L-THE JOY OF THE OPEN ROAD.

(Moderately gwick, joyously.) The FIRST MAIN TUNE starts immediately. It is treated at some length, always fairly loudly, until, with a softer passage, the rhythm of the Second Main Tune creeps in, in an anticipatory way, in the upper Woodwind.

After a pause the SECOND MAIN TUNE itself is fully announced by the STRINGS.

It is eventually succeeded by the Develop-ment, and finally, Recapitulation of the Main Tunes, in a somewhat free treatment,

IL-A WATER SCENE

(Rhydemic, praceful. Not too slote.) In this Movement the Strings are muted. It is in a three-section form ("a-b-a"). The FIRST SECTION is chiefly made out of the Tune with which CLARINETS open

The quicker MIDDLE SECTION (unbered in by soft Woodwind chords) is entirely built on a amouth Tune announced by Violas. Eventually the FIRST SECTION is repeated,

alightly condensed.

HL-RUSTIC REVELS.

(With mirihful onimation.) This is really a country dance. It is, like the last Mevement. in a three-section form. The FIRST SECTION is made out of two phrases—one, in little jerky fragments played by Viotans, the other more continuous and played by Viotas. These are reiterated and developed at great length.

The First Section ends with a loud climax, fullowed by a pause

The MIDDLE SECTION (Rather slowly, Plainterly) opens with a long, high note on the Bassnow. Then very slightly accompanied by a few strings, the Onor plays the chief Tune of

The FIRST SECTION is then repeated, considerably modified, but there is no fresh material introduced, and the Movement proceeds gaily to its end

(I much regret that there is no apace for particulars of the Composers, but hope that these may be briefly announced on the night.)

Listeners' Letters.

(All letters to the Editor to be acknowledged qual bear the trains and address of the another. Assegnators contributions are not manifely ()

Crystal Sets and the New High-Power Station.

DEAE SIR,-In Suffulk the people are houtating to buy wireless crystal sets because of the removal or closing down of the Chelmsford high-power station. The majority of them cannot afford valve sets, and it would relieve them to know that a crystal set will be of use when Chelmaford is shut down

We are mostly farm labourers, and have paid our license, so we would be obliged if you would let us know whether we are to kee this new kind of education and pleasure because of mek of funds.

Yours, etc.,

Kirton, near Ipswich. H. D. F. [The High-Power Station should still be audible on a crystal set in Suffolk after its removal to Northamptonshire.]

A Word to Speakers.

DEAR SIR, May I suggest that all speakers should constantly be warned to speak up all the time and keep close to the microphone. otherwise they will not be heard easily. Many clergy and lecturers with high-pitched voices do not put sufficient power into their voices, and may I be forgiven if I whisper that sometimes our excellent announcers seem to be far away or, perhaps, slightly weary of repeating bulletins !

Many of my friends and myself have noticed how far away speakers' voices seem to be of late.

Yours, ato., Landon, S.W.

[The impression we gain from this letter in that the writer's set or aerial is inefficient; his experience is so much at variance with that of the majority of our correspondents.]

Balance in Broadcasting.

Daan Sin,-It seems to me that improvement is wanted in the broadcasting of solo

During a song it is very difficult to reali e good balance between singer and accompaniet (this does not apply to orchestral accompan)ment), the piano sounding almost inaudible, which, presumably, is due to the fact that the vocalist sings more or less directly into the microphone, while the pisan stands some distance away. Yours, etc.,

Norwich.

[We imagine that there are other opinions on this matter. Actually vocalists when broadeasting are from 12ft, to 15ft, from the microphone, and the pinne 25ft.]

A Listeners' Ballot ?

DEAR SIR.-As there is no doubt that the B.B.C. honestly desire to cater for all tastes, and that their catering should bear a relation to the bons-fide desire of the majority, I suggest that a serious attempt should be made to assertain by a reliable test, in the form of a hallot, exactly the type of programme listenera

My suggestion is that a form of hallot should be printed in The Radio Times on a notified date (such date to be announced from all B.B.C. stations), and that the result of such ballot should be used as the basis for the preparation of all the B.B.C. programmes for the ensuing

Yours, etc.,

[Whilst the above suggestion is appreciated, the ordinary heavy correspondence of the B.B.C. serves the purpose indicated. If otherwise, inteners themselves can remedy the position by writing still further regarding their tastes and requirements.]

(Continued on the facing page.)

Listeners' Letters

(Continued from the previous page.)

A Plea for More Classical Music.

DEAR SOM,—While I realize that I have no special claim to distate the broadcast programmes, I should like to make one or two

First, on the general question of classics versus the rest, do you not think that a rather larger proportion of the former would be, at tolerated? In addition to the usual standard works, more lieder in Germon some of the translations are distressing), and more

Purcell, Byrd, etc., would be appreciated. Secondly, if it proves possible, as has been suggested, to run "2LO" in duplicate, I hope the two stations may give respectively a highbrow and a low-brow programme. This would take away a very large number of grievances, and would be in line with the policy of other organizers of musical programmes, who do not generally mix their componers.

Thirdly, if it is necessary to dilute the chambermusic evening, which is, to many of us, the best in the week, perhaps Mr. Scholes could suggest some dilucut which would be acceptable both to low- and to high brows, and so save the excesgive wear which the rapid extraction of the telephone plug causes to the attached flex.

Yours, etc.,

Teddington.

Belfast Mixed With Glasgow.

Dean Srs .- I am the owner of a crystal set. and being situated in South Ayrshire, I am absolutely dependent on the Glasgow Station, I was getting fairly good results until the Beriast Station opened; but since then, I get both Glasgow and Beliast together and every-thing is in such a mix up that there is no pleasure in putting on the 'phones.

I have tried everything I can think of, but up to the present, I have been unable to cut out one of the stations. Could not something be done to change the wave-lengths ?

I am one of a good many in this district whose position only allows the humble crystal, and I think it is up to the B.B.C. to make an

effort to have the present state of things aftered.
Yours, etc.
Ayrabire.
Live Wing. (There is undoubtedly a difficulty in separating Clasgow and Belfast, and application has already been made for permission to increase the wave-length of Belfast. Pending an answer to this, however, 15 metres is a sufficient difference to enable a really selective set to out out one station in favour of another.]

Long Distance Chalmsford Results.

DEAR Sin,-I am a wireless operator, and

Draw Sre,—I am a wireless operator, and an experimenter, and perhaps you will be interested in the results I obtained with a two valve set, being H.F. and detector.

I have been testing especially on the new Chelmsford Station, and I must say, at a long distance, 5XX is much more powerful than the French stations, "Radiola" on 1,780 m. and "Eiffel Tower" on 2,000 m. We made the vayage from Amsterdam to Archangel, and when leaving Amsterdam I received Chelmsford on a small lond appealer. ford an a small loud speaker.

This lasted until we reached the Danish coast, and after that the 'phone strength was very good.

When entering the Norwegian flords, I lost Chelmaford completely, but as anon as we passed the North Cape, it came in again with fair phone atrength. In the Arctio, kowever, the strength decreased very quickly, and in the White Sea I could not get it at all.

Further, I never heard the hum of the generator of 5XX.

Yours, etc.,

G. F. V.

PEOPLE IN THE PROGRAMMES.

Radio to the Rescue.



MIT. KENDAL

MRS KENDAL once ceed on the stage, a woman must have the epidermit of a thinoceros, the strength of a man, and the feelings of a graven image. She might have added that to reure from the stage requires the pluck of a V.C., the wisdom of a Solon and the resolution of an arctic explorer.

Mrs. Kendal succeeded,

Mrs. Kendal retired, leaving the older generation to hug its memories and the younger generation to sigh, "If only i" But now the radio has come to the rescue. On Wednesday, December 3rd, the G.O.L. will take part in the broadcasting of Granny's Juliet.

Apparently she is of opinion that, unlike little boys, veteran actresses should be heard, not

The Tree Trie.

A NOTHER famous actress who will be A heard in Grang's Juliet is Lady Tree, one of the wittiest actresses on the stage.

Whether Viola derived her wit from Lady Tree or Sir Herbert has always been a bone of family contention. But clearly both parents may claim a share in one of Viola's most brilliant sallies, when she remarked:

"It takes father far less time to make himself ugly than it takes mother to make herself bestuteful.

Daughters will be daughters.

A Singer of Modern Songs.



MIN AITHA DEFECTO,

A VOCALIST who creasingly popular with listeners is Miss Astra Desmond, who is to sing at Cardiff on November 30th, Miss Desmond studied under Mme. Blanche Marchesi, and made her debut in London in 1916. For some time she was a memher of the Royal Carl

Ross Opera Com-pany, as principal contralto, singing the relies of Carmen, Acucena in Il Tropology, and Ameria in Aido, etc.

Miss Desmood is especially interested in modern music, and she has given several recitals of the works of present-day composers.

Patients In Pickle.

DUBLICITY is not one of the gods of Sir George Newman. He is concerned with getting on with his job as Chief Medical Officer of the Ministry of Realth. On Public Health he will talk morning, noon and night. He will broadcast his views on the subject from London

on Friday, December 5th.

It is possible that he knows two good stories. But only one has ever got into print. A doctor told a hard-pressed farmer that his daughter

needed toning up,
"Send ber," said the dooter, "to the sesside
and give her salt-water baths."

The farmer scratched his head. "Deed, doctor," he replied, "in these hard times wad a good stiff pickle at hame no dae?"

Which suggests that if Sir George doer know another story, it is probably a good one.

Should We Sing More?

GERTRUDE MISS VI JOHNSON, who started a tour of all the B.B.C. stations on No. vember 18th, has just returned from Italy, where she was much impressed by the way the Italians go singing snatches of opera through the streets in the quiet of the

In this country, if any body sings in the streets, it is pretty safe to put



the sungater down as a mendicant or one who has wined not wisely, but too well. We do not screnade for the pure love of song.

In Italy, they have an expressive and characteristic adjective. When they wish to speak of anything in terms of the highest praise, they exclaim that it is incontabile — "unsingable.

Over here we say that it in "unspeakably beautiful" or "beyond words."

And there you have the difference between the sober North and the warm, sparking, canolismal, impulsive South.

No Ghast I

THE BISHOP OF WINCHESTER, who will deliver a religious address from Bournemonth an Sunday, November 19th, holds that the old greed and selfedness have ressected themselves since the war, and that the world is in an invalid state. He is a forceful personality.

His consistution is amazing. Not long age he walked over a hundred miles through country lanes and byways to whit outlying districts in his diocesa. There are six-feet-six of him. As an old grave-digger in a country church once said: "I don't know whether he's the new bishop or not, but he ain't no ghost.

Miss Shakespeare.

IT would not be far out to call Miss Lilian Baylis the greatest of the Old Vic-torisms. She is one of the few people who have done more for Shakespears than Shakespears has done for her. A workman at the Old Vin., pointing to a picture of Shakespears, once declared that it was "Mes Baylia's old dad?" In a way he was

Miss Baylis is to speak on "The Art of Living" from London on Wednesday, December ard.

Broadcatchers' Who's Who.



F. E. DOBIE, Principal polymer, Classes Cathedral, Conductor Cambusiang Choral Society, 1918-22. Choramaster John St. F.U. Chorch, 1922-4. Gold medallist, City Hall, Chegow, 1922. Broadcasts gow. 1922. from Glasgow GEORGE A. INNES.

Singing master under Aberdeen Education Au-

Mr. V. E. DOME. thority; organist and Choirmastet, Greyfriors Parish Church. His choirs have gained thirty-

three first prizes.

MUIR MATHESON. Conductor, pieniet and composer. Broadcasts from "ISC" on Saturdays in the Children's Corner.

ADELINE SENIOR. Bournemouth Station, Bournemouth Winter Garden favourite. Musical comedy favourite, Comic Opera to-

"The March of the Cameton Men "

WIRELESS PROGRAMME—SUNDAY (Nov. 30th.)

The letters "S.B." printed in figlics in these programmes signify a Simultaneous Graedural from the station man-tioned. 2LO 365 ML LONDON. Wagner-Tchaikevsky. REATRICE MIRANDA (Soprano).
CEDRIC SHARPE (Solo Violencedo).
JOSEPH FARRINGTON (Base Bartione).
CHARLES LEGGETT (Solo Cornet).
THE WIRELESS SYMPHONY ORCHESTRA.
Conducted by DAN GOBEREY, Jun.
The Orchestra.
Overture, "Tambauar" Wagn
Waltz from The Sleeping Beauty Tcharterety Joseph Farrington with Orchestra.

Woton's Farewell and the Fire Music C The Valkyrio" Wagner Wagner 1.30.

"Chanson Trists" Tehnikovsky Chant and Paroles " Fanner Wagner "Dreams"
Solo Violin. S. KNEALE KELLEY.)
Cedric Sharps with Drehestra.
Variations on a Theme Record for Violoncallo and Orchestra.

Tehnikowsky Wagner The Orchesten.
Tolroduction to Act 111., " Lohengrin Wayner "None but the Weary Heart" Tehesbursky Beatrice Miranda with Orchestra, Closing Scene, "The Dusk of the Guda The Orchestra. Five Four Movement and Scherzo from Symphonic Pathetique " Tréankovsky 5.0.5.00 - CHILDREN'S SERVICE: Conducted by the Rev. C. S. WOODWARD. Belayed from St. Peter's Church, Cranley Gardens. S.H. 20 all Stotense. Chap. 13.
The Rev. ARCHIBALD FLEMING, D.D., of St. Colomba's (Church of Scotland), I'ont Street, W.: Address.
The Choir.
"Orlington" ("O God of Buthal")

John Campbell (1807 1860) Man MARIORIE GULLAN

AND HER VERSE SPEAKING CHOIR

THE LONDON SCOTTISH CHOIR:
Conductor, J. D. M. HODGE.
Pipers From H. M. SCOTS GUARDS

Under Pipe Major ANDREW McINTOSH.
ISOBEL SHAW (Mezzo Soprano)
S.R. to other Stations.
The Piper.

March. The Sweet'r Fourth Forewall to S.H. to other Statems.

The Piper.

Morel, "The Seventy-Fourth Forewell to Edinburgo."

Stratispey, "Armin a Caste."

March, "The Rejected South."

March, "The Valley of the Somme."

Mans Marjeric Collan and her Chair Pasims 126, 107 and 136 (the two last with Refrains in Unison).

The London Scottish Chair.

"The March of the Comeron Men ore Bantgek (11)."

Logic Kirk."

"The March of the Comeron Men ore Bantgek (11)."

Logic Kirk."

"The March of the Comeron Men ore Bantgek (11)."

"Logic Kirk."

"The March of the Comeron Men ore Bantgek (12)."

"The News from Mile of Edubro."

"The News from Modart." are Modatt.

Miss Marjoric Gollan and her Chair.

An English Ballad (with Befraims in Unison).

A Scottish Ballad (arabien Antiphonally). An English Daniel (Antiphonally).

A Scottish Ballad (apolen Antiphonally).

An Irish Ballad (with Refrains in Unisable The Pipers.

March "The Stirlingshire Multis."

Strathspey, 'Maggie Cameron.'
Reel, 'Duntroon.'
March, 'The Heroes of Victoria.' 10.0.—TIME SIGNAL FROM GREENWICH.
WEATHER FORECAST and GENEHAL NEWS BULLETIN S.B. so all Local News. The London Statish Chair. 10.15. "An Erishay Love-lilt " Hums (34) "A Man's a Man for A' That" arr. Manefield (25) "A Highland Lad" "A Highland Lad" or Moffatt

"My Heart is Sair for Somebody

"O, Charlie is My Darling or Maffat

The Pipers.

Lament, "Lord Loyal's Lament."

Lament, "The Flowers of the Forest.

10.—Close down 10.40 -Close dewn. BIRMINGHAM. 3.0-5.0. THE STATION WIND QUINTET: 5.0. THE STATION WIND QUINTEY:

WHEARD (Flute)
G. E. CLARKE (Oloo)
S. C. COTTERILL (Clarinet),
W. A. CLARKE (Busicoli),
W. S. YORKE (French Horn)
NIGEL DALLAWAY (Punnfurte)
ISABEL TRBS (Soprany)
ERNEST SMITH (Tenor)
Wind Quintet.
Overture to a French Comedy ... Keler Bela
Soutet and Finale from "Lucra di Lammormoor Dominatti
Tenar Song.
Three English Lyvaes Tener Song
Three English Lyracs
Withinson-Stephenson (1)
(1) "I Dare Not Ask a Kins"
(2) Music When Soft Voices Die.
(5) "Love's Donnit Seems Wind Quintet.
Descript ve Piece, "The Sewing Machine"

Bray Source Souge Buth
At Dawning " Codmon (1)
"Where the Chestnuts Bloom Acuton
Wind Quantet.

Flower Suite" Zomernik "Come to Arcady " German Thomas (1)
"Under the Lines" Goring Thomas (1)
"Under the Lines" " Moment
Tenns Songs Negro Spirituals. "I Stood on the Ribber of arr. Burlangh Ob, Didn't it Rain?" Wind Quiatel. Practudion Jamesell. 5.0-5.30. CHILDREN'S SERVICE. S.B. from Landon. 8.30-9.0. The Rt. Rev. The Lord Bishop of WINCHESTER. S.B. from Bourne BLOHED. St. Andrew's Day. JANET MACFARLANE (Soprano). HAROLD HOWES (Bartions). In a Hecital of Scotch Songs. In a Recital of Scotch Songs.

Suprama Songs

The Laird o' Cockpen "

Charlie is My Darling | Na

The Land o' the Lest "

John Anderson, My Jo |

Baritope Songs

Scote Wha Hae W Wallace Blied " Nairne

BUTRA

Mary Campbell Lady Scott "Annie Laurie" Lady Scott
9.30. Programma S.B. from London.
10.0. WEATHER FOREX AST and NEWS.
S.B. from London.
Local News. 10.15. -Programme S.B. from London, 10.40. Close down. 6BM BOURNEMOUTH. 385 M. Band. Band

Florence Wilson.

Nearer, My God, to Thee L. Carey (1)
Beyond the Dawn . W. Sanderson (1) 4,30. 4.35. Charles J. Rice.

"The Floral Dance"

"The Curfus"

"The Curfus"

Band. 5.0-5.30. - CHILDREN'S SERVICE, S.B. from Lundan THE "6BM CHOIR (A and M No. 520).
The Rt. Rev. The LORD BISHOF OF WINCHESTER: Religious Address. S.B. to other Stations. Chour. 10.0. WEATHER FORE AST and NEWS. S.H. Iran London. Local News 10.15. St. Andrew's Nicht (Continued). 10.40. - Close down. CARDIFF. 5.30-4 45. THE STATION ORCHESTRA.
Conductor, WARWICK BRAITHWAITE.
Vocalist, ASTRA DESMOND.
Overture, "Bicuri" Foguer Astra Desmond

"The Song of the Blackbird" Quitter (1)

"The Spring is at the Door" Quitter (4)

"Morning Song" Quitter

Orchestea

Sade, "Summer Pays" Conte

(I) "In a Country Lane"; (3) "At the

Dance.

Astron. Astra Desmond. "Where Be Goth! "Cherry Ripe" (Old Seer. Cyril Summer is icumum English) (Seer. (4) Orchesten 5.0-6.30.—CHILDREN'S SERVICE. S.B. from A trumber against a unsaical item indicates the name of its publisher. A key list of publishers will be found on page 449.

PROGRAMME—SUNDAY (Nov. 30th.) WIRELESS

The letters " Lik." printed in italies in these programmed signify a Simultaneous Emuscasi trem the station pure tions. OF WINCHESTER S.B. tress Bourneanomità ANDREWS NICHT. S.B. from London, 10.0 WEATHER FORECAST and NEWS, S.B. from London.
Local News. 10.15 St. Andrew's Nicht (Continued). 10.40 .- " The Silent Fellowship." 10.55. Chee down. 2ZY MANCHESTER. 375 M. 30-50 BAND OF THE SALFORD POLICE. (By permission of the Chief Constable.)
Conductor, THOMAS WILSON,
REGINALD WHITEREAD (Ress).
Band. Band.

Florantina March

Suite in F for Military Band Holst (1)

[This Buite is Zounded on Old English

Country Tures.]

(1) March; (2) Song Without Words—

"I'll Love My Love"; (3) "Song of
the Riacksmith"; (4) Fantasia on the Danga in Dargassia

Rocceau, "Salut d'Amour" Elgar

Escerpts Idylt, "Whasparing of the
Rowers" Bass Solos.

Recit., "I Rage, I Mett, "Acis and Calates" the Cherry" Chd English Love Song" thicken (I)
Drink to Ma Only With Thine Eyes"

Rocce Guiller Coulter Royer Quilter

Royer Quilter

Basel.

Overture "Egmont" Besthoven
Selection "Rallad Monories" Boyers (1)

Morresu "Husserritt Specific (1)

Reco. Tyranger Reco. Tyranu Lave Arto, "Ye Verdant (" Suzanna", Hamlet Halls Thy Reaming Eyes" Mac Dowell (4)
Three Songs of the Sea." Rome Guller
(1) "The Sea. Bird"; (2) "Mornlight";
(3) "By the Sea. (a) " By the Sea. Three Bayarian Dames " Elgar (15)
Preses Cattehoa (5) Intermezzo, " Canterbary Channa" Andiffe 5.0 5.30 -- CHILDREN S SERVICE. S.B. Iron S.O. SIDNEY G. HONEY: Talk to Young 8.25. Hymn, "O Come, O Come, Emmanue (A. and M No. 49).
Religious Address by the Rev WARDLE RIDLEY, of Reddish Congregational Church.
St. Andrew's Hymn, "Jesus Calls Up"
A. and M. No. 403|
Q.O. ST. ANDREW'S NICHT. S.B. from London WEATHER FORECAST and NEWS. S.R. from Landon. Local News, 10 15.—St. Andrew's Nicht (Continues). 10.40 - (70)

NEWOASTLE. 408 M. 5110 3050

3.0. Recital on Two Pianofortes.

Ly

H. YEAMAN DODDS AND
GEORGE DODDS,
With
THE STATION STRING ORCHESTRA
(Leader, Afred M Wall):
Conductor, EDWARD CLARK,
Songe by IDA COWEY (Soprane).
H. Yeatenn Dodds and George Dodds.

"The Holy Roy Loke Ireland
H. Yeaman Podde and George Dodde.
"Le Caroaval des Animoux" ... Saint Saint
Ida Cowey.
Aria from "St. John Passion" Beck (11)
"With Violoncello Obbligato.)
ALFRED M. WALL (Selo Viola). Allogro Ida Cowey. "Lady ' Thou Queen of Israel " ("Judith") Christ in His Garden" Tekaikocsky R. Yrainan Dodds and Grorge Dodds.
Fantasia in C. Minor Mozert Grieg
5.0-5.30.—CHILDREN'S SERVICE. S.B. from 8.30 9.30. PHILHARMONIC CONCERT. (Relayed from The Palace Theatre.) 9.30.—ST ANDREWS NICHT. S.B. from Landon. 10.0 -WEATHER FORECAST and NEWS. S.B. from London. 10.15. St. Andrew's Nicht (Continued). 10.40. Close down.

ABERDEEN. JOAN KEDDIE (Soprano).
THE GRANDHOLM BRASS BAND.
Conductor, JOHN L. MELVIN.
THE WIRELESS ORCHESTRA. Blank Cornet Scio, "The Nightingale" Most kins (Sciont, JOHN L. MELVIN, Jone)
Joan Kestile.
Hear, Ve Israel" ("Elijah")
"Shepherd's Cradie Song" Somereille Orchestra.
Overtures { "Hunyadi Lario Erkel Maganiello" Ander Descriptive Piece, " A Sunday Parad. " Praise Dyson

Orchester

"In the Italian Style" Scholari
"Festival" Keli Dil

Keplionium Solo, "Anchored" Wadson

(Soloist, Bandsman R MELVIN.)

Fantasia, "Augel Ecanes" De Lecy

Joan Keddie.

Parcy (11) Jerusalem ** Farcy (11) Bund, Morels, "Calcutta" Fenses
Air Varie, "Eventide" Rimmer
5 0 6 30.—CHILDREN S SERVICE, S.B. from

Church Service.

Relayed from North United Free Church.

Minister, The Ray ELLIS PEARSON.

M.A. St. Puni's Street Congregational M.A. S Church.

9.50 THE WIBELESS SEPTET. Selected Hypma. 9.40. JOSEPHINE MACPBERSON

Selected Hymps. 10.0.-WEATHER FORECAST and NEWS. S.B. from London.

10 15 Jacphine Macpherson My Task " My Task " Ashford East Hymn " Hantock

· Septet. Selected Hymns. Beptel. Sciented Hymne.

GLASGOW. 420 M. THE STATION ORCHESTRA

10.45. - Clase down.

HERBERT A CAREUTHERS. J. GORDON CLARK (Bas).

Grebestra. Overture, "Fingal's Cave" ... Mendelsohn
Four Pieces from Suite in D Majer ... Mond
(Acranged for Fitting Orchestra by
Classics Woodbouse.)

Pieces (Hamoreske Tchailandy

Blue Solos. "Nancy's Hair"
The Road to the Preser (1)
"The Land o' the Leaf"

arr. Chas. McPherson

Ovelastra.

4.15. Ac Fond Kess Thing Traditional (54)

Two Movement from Symphony Fan

tastique Un Bul; Marche on Supplice Intermeza, Surle Dansante Value Lande, Pas Smal; Dame Tambuori, Overture, "Oberon" Pebre 5.0-5.30 - CHILDHEN'S SERVICE, & D. Jree.

Linnan

Hymo No 11, Fort Tenn Church Hymnary The Rev. J. B. BAHLEDWMAN, M.A., of Carntyns Tarish Church: Religious

Hymn No. 14 (Tone, "St. Flavon")

Prayer.

Hymn No. 24 (Tune, "Westmonster")

[Charch Hymnes]

Herstal of

" DOMSIE -

By AUGUSTUS HEDDIE

Before the days of School Bounds, Domsie, as he was lovingly called behind his
bark, buried himse the tho woods with
the bairm of Domischty. He died a
fachelor and seemed to give all his fore
to the chadren, and rearly all his many,
not helping lads to college. He declared
to Drumshough, "The grass II no grow on
the road between the thilege an' the scholehouse o Drumtochty till they lay me in
the anid kirkyaird." The discovery of a
",ad o' pairts" was counsed a day in his
life, and when the "Echais" knew that
ticordin How was marked for college they
pelted him with fir come in great gladness
of heart. Dominio damieson was the type
of schoolmaster that no buy or girl, who
had sat at his text, could ever come to
love and reco

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

15 15.-Propresses S.B. from London. 10 40. -Clase dawn.

A margher against a munical item indicates the same of its poblisher. A key lies of publishers will be found as page 440.

Continental Broadcasting.

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

FRANCE

EIFFEL TOWER (F1)—Per 2 0.00 m.
Index 6 20 a.e. We have been 200. 210 Markets
exe 2 m. and Mon. M.11 Time by Weather 1
1 1 1 2 2 p.p. Mach lark (ex. mo. and Mon. it p.m. Com. News (not shally); 7 n.m. 10.10. Weather exe 2 0.01 * On 1 * and both of sack month at 7.20 p.m.

HADOG-PARIS (SFR)—Park (178) m.
Sundays: 12 to p.m. Ordi, 1 to Xens; 4.37,
Con. 2.30 p.m. News 0 p.m. Oot, 10 p.m.
Darrer

West law 12 10 p.m. News, Sinch Karle, Ordi, 4.20,
Unrices (con; 54) Score From News Witness 3
Boor; 8:10, Lee News, Con., 19 p.m. Darrer
(190 dall).

ECOLE MIP. DES POSTES ET TELEGRAPHES (PTT)
Prick, 250 m.
1 p m., Lee (Tun. and Thur); B p.m. Fing. Conv. and
Con. (Tun.); 1,80 p.m. Lee or Cun. (daily). Un
200 Sun. of each meeth, Organ Revisit at 8.45 p.m.

PRITT PARISIES "- 550 m. 0.20 p.m. Con. (Tue., Thur., and Son.).

LYONS LL DOUA 450 m. Doily: 10 20 a.m. and 5 p.m. News and Con.

3 9 J.S - 535 in. New Station Testing.

NUBEMBERG (Edity Station)-340 m. From Munich.

HARDURA - 35 m.
Semilars: 1.55 a.m. Time Siz., Weather News, Ler.,
Women: 10.15, Sacred Com., 11.15, Che., 11.15,
Com., 3.10 p.m., Children, 4.20, Com., 5.40,
English: 7 p.m. Com or Opera, 2 p.m., onwards, as
now, days
Week-dury 4.23 a.m., Time Siz., News, 11.43,
Market: 12.0, Time Siz., 1.30 p.m., Markets,
T.p.m., News, Markets, Wenner's Henry, 5 p.m.
Com., Cop. m. Lev., 7 p.m., Cop. or Opera, 2 p.m.,
Weather, Maykets, Sport, 3.50, News (m. Langtish);
Duises (and do 1).

MINSTER 410 m.
0.50, Tame sig., News 10 o.m., Berred Con (Sun);
11.30, Block Each, Place Sig.; 2,00 p.m., Markets,
News; 3 p.m., Orch. 8.60, Culdren (Wal. and
Sall, Weather News; 115, Cun.; Dance (sut);
6.15, News.

BEESLAU - 208 in.

[All a m. Steek Exch. Weather: 11.6 Sacred Con. (San.): 15.55. Time Soc. Weather (San.): 11.25 (weathdays): 2 p.m., News. 0 p.m., tuttlers (Nat. and San.): 6.30, Orek, Lee. (San.): 6.38, Esperanto (Mon.): 7.36, Con., Lee. and dance.

BERLIN (1)—430 m. (2) 505 m.

Bain, Sacred Con. (Sun.); O a.m., Education (Sun.);
Markets, News, 16.35, 11.15, Stock Exch.; 12.0,
Thue Sta. News, Worther; 1.15 and 2 p.m. Sock
Exch.; 2.30, Calstron com. and Well.; 2.15,
Stock Exch.; Orch.; 5.20 p.m., Womeo, Le.

G p.m. French Lesson (Mon.); Les. (other days);
7.30 p.m. Con. or Opera, News, Thue sig.

STUTTOART 445 in this are in the same of t

LLIPZIG*-454 m.

\$ a.m., Sarred Con. (Sun.); 10.65, Marketn; 11.58, Time kig, (workdays); 32 and 5 p.m., Stock Each News, Coor Coun.), Cultiform (Weel.), Con. (work-days); 5 p.m., Let Represent (Ston.), Chem (Wed.); 4.45 p.m., Emilies Cun., Con. or Open, Nova, Pance (Sun.), *All Items daily exc. where of masses stated.

EOENIGSHERG 463 m.
7.10 a.m., Morbets (Wed and Math): Since, Sucred Con.
(Asm.): 10.14, Markets (One. Con. Frant): [Lin.
Tone one.; (Lin p.m., Aswes & p.m., Assek Loch,
Urch.; Children (Wed, and Pri.): 6 p.m., Le.;
7 p.m., Coo., Wenther, News. 8.10 p.m., Coo., or
Dance.

FRANKFORT ON MATV-478 in.
7 n.m. Serred Cris. (Sun.); 10.10, Wasn; 10.10.
Tone Sig. and Nowe; 3 p.m., Con. (Sun.); Marketa,
Orch; 4 p.m., Ordiren (Sun.); 5 p.m., Lee. 6. 20.
Lee. September (Fig.); 7 p.m., Fig. Conv. Olden
and Wed.), Con. or Opera; 8.10, News, Womener,
Lee, Women; 8 p.m., Time Sig., Con. (Breg.)

MUNICH - 185 m

9. Sh a.m., Sacred Con. (Sun.) : 1 p.m. Time Sig. Scare.
Weather; 3.50, Con.; 4 p.m., Cilkirm (Wich.)
4.30 p.m. Brailab Conv. (Sun.) : Experiment (Thire.)
5 p.m., Marketz, News. Wanner Hame Visc and Fel.
3.37 and a.34 p.m., Con. one Lac.; 2 d. Con. News.
Weather, Time Sig. (Sat.).

#OENIGOWUSTERRAUSEN (LF).—Rest Dayla.

040 m. 9.50 a.m. Con. (Sun.).

2.450 m. 12.20 a.m. Con. (Syn.).

2.550 m. 5.00 a.m. 15 T.45 p.m., Wolf's Press Nown.

2.500 m. 20.50 m.m., Con. (Syn.).

2.750 m. and 1,000 m. 6 a.m. to 8 p.m., Nows Service.

BELGIUM.

BD SELS (SER) - Ed in Children (Wed, and Thur);

Bony 5 p.m. Orch. Children (Wed, and Thur);

Bony 7 p.m. Assa; 6 p.m., Lev., 5 p.m., Lev., 5 p.m., Lev., 5 p.m., Lev., 5 p.m., Sews.

HARRY (BAY) - 1.00 m. West-Arry 1 p.m., 2 p.m., 4.56 and 6.50 p.m. Westler.

HOLLAND.

AMSTERDAM (PAS) - 1.000 m. 2.10 p.m., Con. (West.); 8.40 p.m., News; 9.10 p.m., Con. (Rever).

AMSTERDAM (PCFF) - 2,000 m. News and brook Exch. from 7.55 n.m.

HILLY (28) M (58) -1.550 m. 7.00 p.m., Con., (80), [5.40 p.m., Lev. (Eri., level.)] 5.41 p.m., Children (Man.)

HUNGARY.

BUDA FESTH (MTI) - 1820 m.
Half toward from 445 am. News, Stack Each.; 12 a.us.,
Lon. (dally), 11.26, News.

GENEVA (Blid-1 too m. Dally tene done): 12.15 p.m. Let.

LAUSANNE (2004) - 850 m.
Robert Falls, Weather Ellis p.m., Weather Thea
No. and News Apan ConferentWell All p.m.,
Con (2004) www. Well, Daine (Trees and Sec.)

ZURD'H (Honogg) 450 m Weikers 110 Wester News Stock Each 13 p.m., Con 161, Conferentian, Well Pril 10 p.m., Wester News 1715, Les. Con, News, Weather Decoupled States, States, S. and 7.15 p.m., Con, News, Weather.

AUSTRIA.

VIENNA (RADIO WIEN) 130 m

Dally S a.m. Markets; 10, Time Sig., Con., 12:20
p.m. Weather; 2:50, Strek Size, 71:0 p.m., Time Sig.,
News, Con., 4:15, Children (True, Fri.) 2:30,
News, Weather; p.m., Time Sig., Call., News,
U.y.m., Dance (West, Sal.)

JUDO-BLAVIA

BELGRADY 1,050 m.

RUSSIA.

3109coW - 5,200 m. 12.30 pan., Lee Greg.).

CZECHO-BLOVAKIA.

KCELY (OKP) -1, Use to:

Wood one to 39 a.m., 12, 12, 45 p.m., 4 and 5 p.m., Stock Forn.; c.to p.m., Let., News., Westher, Con. (Time St., 7 p.m.), Saffy 10 a.m., Con. Oct.).

KOMABOV (SER)—1,800 in.

1 p.m., Stord Early, Weather, News (workdays);
6 p.m., Con. (Plant.); 6 s.m., Con. (Son.).

ITALY.

ROYE (1900 - 125 to. 7.40, Con. philips. SPAIN.

MATCHID (Rasto Derical - 355 m. Pad) 7 (15 pm. Weather, Time Sig., Sanck Leab, New Con. 1 55 to pm. Con., Time Sig. (115 p.m.); 11.30 p.m., Con., Dame Mash.

BARCELONA-325 m. New Station, 6 p.m. and 9 p.m.

DESCRIPTION.

COPENHAGEN - 180 m.

LYNGHY (OXE)-2.400 m. West-days : 6.25 p.m.; 8 and 9 p.m., Sees, Westler, Time.

ETVANO_1.005 pp. 4.30 p.m., Eog. Lesson (Wed.); 7 p.m., Con. (Toc., Frl.),

STOCKHOLE CTV - 40 M.
10.10 a.m., Beligists Secrets (Sun.); 21.35, Westber, etc. (Ashr); 5.15 p.m., Con. and News classy).

STOR RHOLM (Radio ART) 470 m 7.10 p.m., Cap. and News (Tue., Thur., Sat., Sun.).

GOTHENBUEG - 460 m.
6 10 p.m., Con. (Tue., Fri., Sat.).

0.10 p.m., ton (Men., Wed., Tair.).

BODEN - 2,000 m. 6.40 p.m., Can. (Twe., and Pri.); 4.40 p.m., Can, and News (Sun.).

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

RUGO - 312 ps. Oakland, Cal.
RUGO - 312 ps. Oakland, Cal.
RUGA - 325 ps. East Fitteburg, Pa.
WHZ - 123 m. Spring field, Mass.
WGY - 340 m. Scheinerlady, N.Y.
WFY - 561 m. Sne York City.
CAC - 415 m. Montreal, Ca.
CYAC - 310 m. Calmary, Ca.
WJZ - 455 m. New York City.
WLAE - 422 m., New York City.

EVENTS OF THE WEEK.

SUNDAY, November 18th.

LONDON, 3.0. - Wagner and Tchnikovsky

Programme.
LONDON, 8.30.—"St. Androw's Nicht."
S.B. to other Stations.
BOURNEMOUTH, 3.0.—Band of the

Royal Artillery. BOURNEMOUTH, 3.20. The Rt. Rev. The Lord Bishop of Winchester. S.B.

to other Stations.
NE WCASTLE, 8.30. Philharmonic Con-cert, ralayed from the Palace Theatre.

MONDAY, December let. All Stations except Belfast, 7.35.—The Opera "Carmen" (Bizet).

TUESDAY, December 2nd. BIRMINGHAM, 7.30. An Evening with

Shakespoare.
CARDIFF, 7.30.—Old British Ballads,
NEWCASTLE, 7.30.—Band of H.M.
Grenadier Guards.

WEDNESDAY, December 3ed. LONDON, 9.6. Mrs. KENDAL and Lady TREE in "Granny's Juliet." S.B. to all Stations.

No. 2—"Life's Stunsber Time."

ABERDEEN, 7.34. Music and Songs of the Sea. Band of H.M. Granadier Guards.

BELFAST, 7.36 .- Mainly Dvorak.

THURSDAY, December 4th,
LONDON, 7-30.—"The Rose of Perus."
S.B. to other Stations.
BIRMINGHAM, 7-35.—"Bethiehem,"
relayed from the Town Hall.
GLASGOW, 7-35. The Band of H.M.
Grenedier Guards.

FRIDAY, December 5th. BOURNEMOUTH, 7.30,- "Byrd-Parcell

CARDIFF, 7.30.-An Evening with

Mozart.
MANCHESTER, 7.20. The Band of H.M.
Grenadier Gugurds. SATURDAY, December 6th.

BIRMINGHAM, 7.30. The Band of H.M.

Grensder Guarde.

Grensder Guarde.

ABERDEEN, 7.30. Operatic Night.

LAYTON and JOHNSTONE, the Culpirated American Duettists, will broadcast from the London Studio on Wednesday and Saturday at 10.20 and 10.50 (approx.). S.B. to all Stations.



EIDER DUCK AND GADWALL. These birds will be described by Mr. E. Kay Robinson during his talk on "British Birds," to be given from Loadon, on Tuesday, December 2nd.

WIRELESS PROGRAMME—MONDAY (Dec. 1st.)

The futters " & B. gristed to Statics to these programmes against Biometicasous Broadcast from the statics men-

25.0 LONDON. 365 M.

45 Tenner annut to Schools Mr. (EOFFREY SHAW on Must

4.0 5.0.—T me Signal from Greenwich. Con-cert: The "2LO" Trio and Blanche tilen (Soprano). C. Pollard Crowther a "Japan." "The Art of To Stories to Chadren," by Mariel Writteh.

5.30-6.15.-CHILDREN'S CORNER: Mary Locko (aged 14; Farrier Locko Thelma Hughes (age, 6 : 14 - 5)

Bow Robin Sold Pote at Nation Farr (2), from Greenwood Tales retold by Derothy King.

6 40-6 % M. Julian Rosseltaggs One a bful Hound."

TIME SHONAL FROM BIG BEN WEATHER FORFI IST and 18T GENERAL NEWS BULLETIN 57 to all Stations.

Talk by the Radio Association, S.B. to oft Stutions

Mr W N T TAMB, Assurant, Ocot, of Entonology at the Natural History Massum, on "Moths." S.B. to other

7.35. All Stations Programme, (For particuor & see centre culumb.

TIME SIGNAL FROM GREENWICH YEAR TO FORKLAST and 2ND 6.5 AL NEWS HILLETTE. SH

Topical Task coreal News

00 THE SAVOY ORPHEANS AND SAVOY HAVANA BANDS, relayed from the Savoy Hotel London. S.B. ra

11 0.-C ass down

BIRMINGHAM. 475 M.

to be seen well and the

5.0-530. -WOMEN'S CORNER - S FR.H.S., Topical Recognitional Hunta Gladya Joiner (Sontano)

5 30-6.30.—CHILLBEN'S COLVER

6 30-6.45.—"Teons' Corner: Mr Free J. Clf ford L.B.A.M., on 'Musical Approces-tion-Purcell, Randel, Back.'

70.110.- The entire Programme 8 B. from

6BM BOURNEMOUTH, 385 M.

2 30.5.0.—The Bojon Military Band. Hilds Douglast (Soprano). Gilbert Wright Cornel) Talk to Women, "The Story of a Facuter," by Alice Kitching

50-50 - CHI DREN'S CORVER Sorg of I Stores by Uncle Rob and Austra E. a. Stamp Talk," by Uncle Nevi le enture Talk to Boys," by Cucle Caven.

6.0-6 50. Scholars' Half Hour: Mr. W F. Ferry on 'The Goography of Trees

6.30-6.45.—Lessons in Morse Transmission by Mr. Douglas C. Norman.

70.11.0. The out is Programme S.B. from

5WA CARDIFF. 351 M.

3.0 4.0 Polkman and his Orchestra, relayed from the Lup tol Cinema.

ALL STATIONS PROGRAMME (encept Belfast), Relayed from London, 7.35-9.39,

"Carmen" (Georges Busst). An Opera in Four Acts.

Cast r
Dea Jeel, a Corporal of Dragoont
WILLIAM BESELVINE

Escapille, a Teresder JOSEPH FARRINGTON

El Renoutado, a Seneggier S. HARRISON Zeniga, a Captain JOHN HUNTINGTON Morales an Officer DENNIS El Dancarro, a Smaggler

Micaela, a Possant Gul GERTRUDE JOHNSON (Gipries, WINIFRED FISHER of CHAITERTON Fynoquita]

Carmen, a Cigarette Girl and Gipay ENID CRUICKSHANK Chorus.

THE WIRELESS SYMPHONY ORCHESTRA: Conducted by DAN GODFREY, June.

Act I A square in Seville
Act II A tavern on the outs first of Seville.
Act III A wild monotain pais.
Act IV A square in Seville octode the
Boll-ring

a. 3WAS 'FIVE O Teach Pulgs to Women Vocal and Instrumental Art ash

\$456 to HILDERYS CLARB

70. WEATHER FORECAST not NEWS. S B from Lundan

Radio Association Task & H from London Mr RICHARD TRESEDER FR.H.S., 66 Chede

Local News

ė

735-110 The entire Programme S.R. from

IMPORTANT TO READERS.

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

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

RATES OF SUBSCRIPTION to "The Radio Times" (including postage): Twelve Mostus (Foreign), 15a Ed.; Twelve Mostus (British), I3a, 6d.

"RADIO TIMES" READING CASE.

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

2ZY MANCHESTER. 375 M.

3.0-3.30. \ Morfe relayed from the Piccadidy 4.04.30. Picture Theates.

3.30 4.0. Stoadcast to Secondary Schools (J. 1984). Mr. W. H. BARKER, B.Sc., F.R.G.S., ton "Forgro Life in West. Adv. a.

4.30-5.0.—WOMEN'S HALF HOUR Elias Asheroft (Barrione).

SOAR-CHILDLEN & CORNER

6 of Sh.-Prof. F. E. Wess, DSc., FRS., on "Botany-E) The Wrather Plant

7 C-WEATHER FORECAST and NEWS. Radio Association Talk. S.B. from London Local News.

7 20 7 37 Interval.

735.- "CARMEN" S.B. from London

930. WEATHER FORECAST and NEWS.

8 B. Iron London
Farmors' Corner. Mr. G. R. DOBEN
Head Poultry Instructor to the Lancashre
County County, on "Paultry Keeping" Local News

10.0 - THE BAVOY BANDS, S.B. from

11 0.-Close down

SNO NEWCASTLE. 400 M.

No. 14 Quer A modes a Bothday: EPa Scott [Recital on]—Typeyyon's "Welcome to Alexandra." Resina Wall's True.

445.5.15. WOMEN'S HALF HOUR Weekly News Letter Mus Cooper Hodgson-News Letter Heach Tala

5.15-6.0 CITHDREN'S CORNER

a \$6.50 Sebesar - Half Boar

70-11.0. The entire Programme S.B. from

ABERDEEN. 495 M.

3.50 5.0.-Concert * The Wireless Or Vocal and Violio Resid by Malcohn Davidson and Mvs. J. G. Barnett. (The Composer, Mahmim Davidson, will sing his own songs.) Formulae Topi :

130-6.0.—CHILDREN'S CORNER : Mr J. G. Burnett L.B.A.M., an "Learning to Listen."

6.30-6.35. - Gurl Gurdes' and Boy Scouts' News Bull tree

7.0-9.40. Programme S.B. from London.

9.40.—Prof ALEXANDER FINDLAY M 4 D Sc., Ph D, on "Catalyan," S. D / Land Nova

10.0.—THE SAVOY BANDS. S.H. from

11 0 .-- Close down

GLASGOW.

3.30-450. The Wireless Quartet. Ale: Richard (Bass). Afternoon Topics. Alexander

5.15-6.0 CHILITERN'S CORNER: Let of Lompetition Bendin, Ducla Mungo will explain the de n. of "The Mysterious

6.0.6.5 -- Weather Fort . . for Farmers

7.0-9.40.—Proframme S D. trem London

9.40.—Capt. C. H. Brown, on "Morcantile Stopping" S.B. to Balfast Lux Nave.

12G.-THE SAVOY BANDS. S.B from Lon-

11 0 -- Close dew-

A combat against a constant train tadicate, the name of its publisher. A key list of publishers will be found as nace 4.0.

WIRELESS PROGRAMME—TUESDAY (Dec. 2nd.)

The letters " ft.H." printed in itselfes in these programmes agains a Bistolianeous Broudopas from the station mon-

2LO LONDON. 1020 -Time Signal from Greenwich Con-cert The "2LO" Trio and John Aylmes (Tenor) . 345 Transmission to Schools r Mr. E.

China Jay in a and Great Wan at China he (Romanue James.

0-5.15. 4 HILDREN S. CORNER - Eric Simon Aged 15), Songa. Hydra Davy (Aged) 11, Rectations. Blie Tit and ward the Wake," by Hazel Phillips Han-

6 40 6.55,—An Appeal by Sir ERNERT

VD BYRON, Lie Is B.C.

First Appearance at "280" of the FMFF F TO CONTRAIN A

FA F SI LAWKENCE

In Songs Grave and Cay
ARTHLE ACKERMAN and JENNY
WYNNE
(Earle Singers).
MARK TENT
The Hand

Yes, Popus Dame "Suppe
Arthur Ackerman and Jenny Wynne,
In Old Enginh Songs and Folk Lore Duets.
The Dand,
"A Lathtung Switch"

Hamoresque, "A Lightning Switch"

Solema Melady, "Judea," from "More et Onton 11

Mark Ambrent
My Free Paw er yn Ser en Lead e 12 n andd McKny
"First Love," by a Lattle Iresh Boy
I'd Ed Illenden II D
Sarta Cana i'r n Fog & Knill in m
I'd and
Proposition of the Recognition of the Comment

Operation Selection, "Cavalisma Restreams

Earls Spicer.

* Inche! " Frank Headge

* It Was a Lover and His Lass"

Come No. Wise I Am Unit | The Latte | Admiral " | For Hollerooke (5) |

"The Latte Admiral " (Form "Songs of the Fleet") | For Stanford (14) |

"A Motor Ride" | Budaned |

"Dawn: Bords

Sir HALFORD MACKINDER: British Commonweal to of National Series I in N.B. to all Stational except Glasgoid and

Local Nuws.

The Rand.
Intermesse, "In a Person Market" 10.0

Ear Same and Interest Prince National Street Springer are arranges by Lawrence

"Swing Low Sweet Chariot."

' I know on horn a some the Hands on Me. '

"Steal Away."

"Steal Away."
"Every Time I Feel de Sprit."
The Band
For-trots (... It is it more Wheels ' .16
10.50. Came down (6)

475 M. 5TT BIRMINGHAM.

3.30-4.0.—The Station Plane Quintet.
40.4 50 Section Plane Quintet.
1. 12 a Section Plane District of Section of Section of Section of Section of Section Section of Section Section Section of Section Section of Section Section of Section Section of Section Secti 3.30-4.0.—The Station Plana Quintet.

An Evening With Shakespears.
Whith all M. W. ar (D)
In his Recetal Scene and Story from

In which he is assisted by EDNA GODFREY TURNER.
Cardinal Wulsey's Farawell (Henry VIII).

The Seven Ages of Man (" As You Like

The Quarrel Scene (" Juilus Cressr ").

The Bagge String Scene } . . (* Macbath *)

The Steepwalking Scena 1 To the Steepwalking Scena 1 To the Steepwalking Scena 1 To the Steepwalking and Kings Prayer ("Henry V")

Hamlet and the Queen ("Hamlet").

I at an is of a King Leat

Iteatice and Henedick (Much Ado Acoust
Nothing 1

I to a a Sh bespecies Market STATION ORCHESTRA

9 20 WEATHER FORESTRA

9 20 WEATHER FORESTRA

8 B tree London.

N. H. from London. Sir HALFORD MACKINDER. S.B. from Landon Local News,

10.0. Orchestra.

March "Charol Bege Walter," Espana" Waldenfeld habeter

10.15. JANET JOYE (at the Piano),

NELLIE SOUTHWORTH (Soprano).

In a Combined Entertainment of Masie

5. Orchestra,
Belection, "Mary" an account. Herach 11.0,-Close down,

BOURNEMOUTH, 385 M.

J. W. S. P. T., a. A. y. en. 'Money Fashions,' by Lone de Mayo. The Bourne Revellers Winfred Ascott (Suprame) time Hatchard (Contracto) Sidney Waller (Teour), Ecnest Kady (Baritine) Nelle Wishade (Piquist).

5.0-6.0. 'Child Dren' Half Hour: Mr. J. Power on "Appreciation of Midern Painting."

6.30. Scholard Half Hour: Mr. J. Power on "Appreciation of Midern Painting."

6.30-6.45. Farmers' Talk: Mr. R. Boutfloor, B. Sc., Chief. Agricultural Officer for Wales on "The Rationing of Milch (a. i.

70. -WEATHER FORECAST and NEWS. ARCHIBALD HADDON S.B. from Lendon Lord News.

Concert Party Night. THE SCANDALMONGERS
JACK RICKARDS (Comedian)
VIOLET STEVENS Comedian) THE W SELESS CLESSEL

THE WAFFLASS OFFS. F. Conducted by

Capt WAFFATHERSTONE

Orchestes

Spanish March, "Tranta" Lope
Incidental Music, "Monsiour Resure

Walt, Carry Rue

Jack Richards will attempt to say a few
words on Eq. 3

words on Eggs
Total Statem process a Large Dust of 1

Jack Rickards will now describe Rudway

Complete and the second of the second

Mark Corona nor the Processor Selections "The Duchess of Dant

Valsette, "Wood Nymphs" E. t. coles

Violat No. in a 12 % ...
Beace in % ...

In a heated discussion on Rhuburb, Hooks, Charge and Muse

Evelyn Bacy will solve the problem by

"The March of the Dwarfs " ... Greeg 5.50

"The March of the Owarfa" ... Grieg

Suits, "Chelma China" ... Bedy (1)
Selection, "Who's Hooper"

Tillbet and Vaccilo

Patrol, "The Blundol one re

Violet Stevens insists on giving
"Public Conversations," F. Wood 13:

"The Scandalmongers

Carback various in the first of the first of the carback of the ca

Bir HALFORD MACKINDER. S.B. from

10.0. The Box V. BATL HOTE: DAN & ORCHESTRA
Edward from Kong v. L. Rooms
Monand Director, DAVID S. LIFF

10.30. Close down.

CARDIFF. 351 M.

3.0.3.30.—Transmession to Schools.
J.30.4.0. The Station Tria
6.0.4.46.—The Carlton Orchestra, relayed from
the Carlton Restaurant.
5.0.5.45.—'5W4 S.' FIVE O CLOCKS.'
5.45.6.30.—(HILDREN'S QURNER
6.40.6.50. Dr. F. J. North, D.Sc., F.O.S.
Kenper of Geology, The National Museum
of Wales, on "The Story of the Earth"
—(XII) -(XII

70. WEATHER FORECAST and NEWS

ARCHIBALD HADDON. S.B. from
London. Local News.
7.30. Old British Bailads.
CARMEN HILL (Sopreno)
KENNETH ELI IS (Bass)
THE STATION ORCHESTRA
Conductor, WARWICK BRAITHWAITE. Overture, " Lurkno"

A number spainet a specied itype undicates the name of its publisher. A key list of publishers will be found on page (42).

WIRELESS PROGRAMME—TUESDAY (Dec. Z.id.)

The falters " 8.0. printed in Italies in ibous programmed signify a Mandianness Broadcast from the station members of Carmen H 1 ' The Ballad of Semmerwater ' The Raliad of Benmerwater '
Graham Peet (1)
"Good Days" Sulfacem (1)
"When Dauses Pied '
Kenneth Elis
"Faise Phalis" are, Lone Wilson (1)
"The Beggar's Song'
Buckard Levendye, are, Lone Wilson (1)
(bechestra I'm untal Masie to Phast Coleridge-Paylor (1) arr Box When Jose's Are was New arr. Augustus Harrett (25)
Reg. Arthur'' (Dorsetshire Ra. 2d)
arr J. K. Lees (25) Orchestes

I The Wee Macgrewor " Amera

W. . " Fomp and Circumstance," No. 1

Elgar (1) Kenneth Ears.

My Lave's an Arintus' ary Sunford (1)

Drock to Mo Only " , arr W H Sys re
l'ac Meet ng of the Waters' arr. Clutson 930 - WEATHER FORECAST and NEWS. S B from London
S - HALFI RD MACKINDER. S B from London Lora News 10 0. - Dance Music 10 30. -C ose dawn. 2ZY MANCHESTER. 12.30 1.30. Organ Music by H. Fitzroy Page, relayed from the Precadily Preture 5.30-4.30. Concert by the "2ZY" Quartet, 4.30-5.0. WOMEN 8 HALF HOUR 5.0-6.0. 4 HILDREN S CORNER 6.30-6.55. Mr. J. Coming Walvers, M.A., on ^b The Heart of a Book—(5) Thomas Car-vic and Hot lifes. Heroes. 70. WEATHER FORMAST and NEWS. WEATHER FORTAST and NEWS.
S.B. from London.
AR(HIBALD HADDON, S.B. from London. Local News.

Mequest Wight.
THE "2ZY" OR(HESTRA HELEN DE FREY (Ropeano).
JAMES WORSLEY (Entertainer). Orchestra "Walam Tell" Rosems

Separate
Soprane
Soprane
Hymn to the Sun (" Le Coq d Or ")
Remaky-Korsakos Entertainer
The Adventures of a Stuffed Monkey Ben Bireley Orchestra.

M nuct for Strings Backerini
"Salut d Amoue E. y. ...
Selection, "Ourmen" R. ... Modern English Songs
"The Fields are full

"So Sweet is She" | Armstrong G.bbs (14)
"Come, Lovers, Fol | Edward Berrstow (14)

En ertaper
Th' Owd Case Clock " Sam Filton
The Orderment " Allon Wrighty

Ketelbry 18. * In a Monastery Garden Largo Lond

9 30. WEATHER FORELAST and NEWS. S. H. from London

S. H. from London

Bir HALFORD MACKINDER. S. B.

from London. Local News.

Occupation. 10.0. Occupants.

"Four Indian Love Lyries"

I Wandfarde Finder (1
Melodious Memories" Finch

NEWCASTLE. 460 M L. 30 12 30 Fig. 1 1 1 or Mary H. Sate les, Ea son Phonograph. 3.45 4.35. Edita Sheard Control H 17 Hall (Tenor), Annie F kford Sc. 1 au 4 45 5 15 - WOMEN & HALF HOUR

5.15-6 0. CHILDIAEN S CORNER 6.0-6.30. Scholars' Half Hour 70. WEATHER FULL AST and NEWS. & B from London ARCH SALE HADEON, Show of the Sale Sale E SCRY COM-

FIT WY A Rural Play by Bernard (r liberi The Action passes in Juli Watson a farm bouse, in the vallage of Carringgon on a fine morning in Marri tine morning in Mar-Produced by G BDON LEA

THE BAND OF HIM GRENAUIER THE BAND OF HM GRENALIER GYARDS
(By permasson of Col. Sergion Brooks, C.M.O. D.S.O. Decetor of Moste Lieut O Milhabot MARGARET THACKERAY (Contra to LAMBERT HARVEY (Tanor)) Directions
ARTHUR LEWIS (Barrions) Directions

ARTHUR LEWIS (Bartone),

Bane
Overture. "Carnava, B. mats B. ri v.
Piccolo Bolo, Selected
Margaret Thackeray
A Sommer Night" ... (toring Thomas
You Are All That Is Lovely "
"You Are All That Is Lovely "
"and torde Finder 8.0.

regions ng Conceyaby Clarke

8.20.

Rant

Peer Gynt Sente, No. 1 treeg

8.40. Lambert Harvey and Arthur Lewis.
The Two Reggars Lone Widom (22
The Barter Thos. Honkeur

8.50

Hand.
The Swhn Lake Tche keesky

9.5

Rase Petals Gend Moon (5)
Doan the Barn.

Band.

Sixth Raspody, "Carnaval in Pesth

Lize

9 20. Lambert Harvey and Arthur Lewis.
'Flow Gently, Deva." John Parry
'I erbaard Watch " Withoute (25)
9 30. — WEATHER FORECAST and NEWS. S.R. Jeon London Sr. HALFORD MACKINDER, S.B. Jeon

London, Local News Band Cornet Solo, 'My Hero' [The Chocolate Soldier'] , Salaria An Strong Five Londonderry Air Shephard's Hey! Percy Granger Selection, "Co.petita" Salaria Belibes 10.30. Case down

ABERDEEN. 3.30-5.0.—The Wireless Septet. Derothy Lawrie (Contracto) Feminine Topics. Mrs. J W H Trail on "Aberdeen and its Ruers."

Rusers."

5.15.6.0. CHILDREN'S CORNER

6.40-6.55.—The Rev WALTER A. MCRSELL

nn "Bloms Victorium Novements—George
Macdonald"

70 - WEATHER FORECAST and NEWS S B from London ARCHIBALD HADDON, S.B. from Lon don, Local News

> Scandinavias Night. BESSIE LAKINS C. ca. J. I.N. ANZYL. a.s. THE COSE PSSCH LIBERY

Seand towns Symptony " . . Coucen S neet " Beasie Jenkons Arama Storms " Gray Orrheatra Overtore, "Ossan"

S 15.

John Van Zyl

I Love T co
Funting Song "
Love
The Old Song "

The Old Song "

Science Belongs and Soderigue 8 40 Bessie Jerams Margaret's Cradie Song

" The First Meeting Orchestyn. Sol e 100, "Svenska Falkvisor och Dans

London, Local News

10.10. John Van Zyl

Nebote "
Out of the Night " Langey

Orchestra
Serenade from Fyra Danspoom | Burger 10.30. Close down

GLASGOW. 55C 420 M 3.30 4 55.—Popo ar Afternoon 5 15 6.0. (Hill Ditt's S CORNELL 6.0-6.5. Weather Forecast for Farmers 7.0 WEATHER POPECAST and NEWS.

8 B from London ARCHIDALD HADDON 8.H from Lon-don, Local News 7 30. Prof. PATERSON on "Age. see

Play Night

THE STATION OR, HESTRA
Londacted by ISAAC LOSOWSKY
Ord cetra
Badet Suite, "Fireflees" M Escap
Intermezzo, "Down Vauxhall Way"
Otter (8)

8.5. "THAT BRI TE SIMMONS."
A Play in One Act,
By Arthur Morrison and Herbert C. Sargent
Produced by GEORGE ROSS and SSC"S."
REPERTORY COMPANY

B.30, Orchestra
Ballet from "The Panch Bowl" N. O'Nest

Ballet from "The Panch Rowl" N. O'Nell.
Symphonic Intermesses Borch

THE SCOTTISH OR HESTRA.
Conducted by Fill X WEIN, ARTNER.
Remyed from St. Andrew's Hall
S.B. to Edinburgh, Dundee and Belfair
Symphony No. 9, "Choral" Beckhowen
955.—WEATHER FORELAST and NEWS
S.B. to Reliant, Edinburgh and Dandee
10.5,—Prof. R. S. RAIT, C.R.E., LL.D., on
"History," S.B. to Edinburgh
10 20.—Local News.
10.25. Chose down

10.25. Chee down

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

WIRELESS PROGRAMME—WEDNESDAY (Dec. 3rd.)

The brillers. "S.R." printed in Hallon in these programmes, signify a Simplifuncespe inconductor from the efficient

21.0 LONDON 365 M

1.16-1.45.—Talk to Schook: Mr. J. C.
NTOBART, "Stories in Poetry."

4.6-5.0.—Time Signal from Groenwich. Concert. The "21.0" Trie and Rupert Pounds (Baritone). "My Park of the Country," by A. Bonnet Laird. "Winter Richts" (1), by Katlee Herrick

5.30-6.15.—CHILDREN'S CORNER: "Children in Other Lands. The Dutch." by

deen in Other Lander: The Dutch," by J. St. Char Hendersen. "Cactus-Grow-ing as a Hobby," by Beryl Wooldridge Stella Freeman (aged 14)). Recitations Betty Hymans (aged 12): Sangs and

6.4C .- Mr. C. Pollard Crowther on ' Photo

7.0.—TIME HIGNAL FROM BIG BEN WEATHER FORECAST and 1ST GENERAL NEWS BULLETIN, S.B.

to all Stations.

[P. C. H. B. QUENNELL on "Everyday Life in the Meadle Ages." S.B. to all Stations except Manchester and Aberdien

Schamber Music Evening, NORMAN NOTE For 1 1 100 EVLYN HOWARD JONES

THE LALLES STRING QUARTET FULLAN COOKE DOROTHY CHURTON, GERTBUDE HOPKINS, EDITH CHURTON

740. Norman Notley, accompanied by String Quartet.

Evening Hymn
Three Folk Songs (with String Quartet
D gott Pargeter Mowne the Barle

Sonata Appassionata, Op. 57, an F. Minor

Allegro, Assal, Andante con moto (Varia, anon), Allegro ma non troppo, Presto. From My Wilmow," by Philemon,
The Lectes String Quartet.
Three Loylis for String Quartet

Frank Bridge

Norman Vistory "Après un Rêve ' tehene from a Sea by er John Ireland John Dretund

Eylyn Howard Jones. Phron Proi des Dr. 108 (17)

10.

Numerocansonse

Risspandy No. 8 in F

Risspandy No. 8 in F

Mr. KENDAL and Lody TREE in

'GRANNY'S JULIET

(For particulars use Contro Coloran.)

IME SHONAL FROM GREENWICH
WEATHER FORE(AST and 2ND
GENERAL NEWS BULLETIN. G.B.
to all Stations except Bournemouth
The Week's Work in the Garden, by
the Royal Horticultural Society. S.B.
to all Stations except Bournemouth
Mass Lillan Bantis. B.A., on 'The
vict of the Stations of the Stations.

Let Your

If SAVOY ORPHEANS AND
SAVOY HAVANA BANDS, relayed
from the Savoy Hotel. S.B. to other Stations.

STONE, the Creditated American Discusse.

C. Close down.

11 0. - Close down.

BIRMINGHAM.

30-4.30. Loze & Picture House Orchestra -

Eora Cadear (Contralto) 10-530, WOMEN'S CORNER - L. M. Black-ledge (of the Juvenile Department, Birmingham Education Committee), on "Granny's Juliet,"

A Comedy in One Act by Herbert Swears. (S.B. to all Stations.) 9.0-9.30.

Mrs Payster

Muriel

Muss ALLISON LEGGAT
The Counters of Milbourne Mrs, KENDAL
Scene The small drawing-room at
Milbourne D'Arry
Preduced under the Direction of
Mrs. KENDAL

Photom. Lordow ware and Steel Meta. Frades. Helen de Proy ,Soprazo). 30 HLDREN'S CORNER

5 50 6 30 HLDREN'S CORNER 6 30 - 5 "Trem" Corner : Unds Felix on

O. W. FATHLE FORE(AST and NEWS

S. A. from London

Mr. C. H. B. QUENNELL. S.B. from

7 30. -- Leetime by Principal GRANT ROBERT

SolN (Principal of Birmingham University) on "International Relations and the Birmingham Cosmopolitan Club," Rewyed from the Cosmopolitan Club, 9.0.

Radio-Fontasy No. 2. LIFE S. A. R. DIME-(John Overton.) Music selected and arranged by JOSEFH LEWIS.

9 30. WEATHER FORECAST and NEWS. S.B. from London Royal Horticultural Society Talk. S.B.

Miss Lillan BAYLIS, S.B. from

10.5,-THE BAVOY BANDS. S.B. from LAYTON AND JOHNSTONE, S.B. from

11 0.-Close down

6BM BOURNEMOUTH.

5.0-5.20.—"Service for the Sick." Sales by Mary to a Mary Service Address by the Rev S. W. Alen.

3.30-5.0.—"6RM" Tries Regimal B. M. a And Plane P. Property (Violegestie), Arthur Marston (at the Plane), Herbert Smith (Baritone), John Heorman (Tenor), Talk to Women tracteming by George Dam 6.0-6.2. CHILDREN'S CORNER 6.0-6 to Service Latter Art. Sales of the Marstone Pryce Science Develop

70.—WEATHER FORECAST and NEWS
8B. from Londo
Mr. C. H. B. QUENNELL. S.B. from
London, Local News.
730.8 1 10.0 cm.

Winter Gardens Right.
THE MUNICIPAL ORCHISTRA
Conducted by Sir DAN GODER A
Relayed from the Winter Garous.

Grand Morels, "The Queen of Shebs."

Overture, "Riena " Wagner " Yalso Trieto" O'dalsus

PHIL LEDINGTON

Cornet Sciou.

Orchestro. Selection, "Madame Pompadour" .. Fall

THE Death " Now Most 6.50 Exercist EADY (Bentone).

(With Viola and Viologedle Oblight

8.55. THE "6BM" TRI)

REGENALD S. MOUAT (Viola);

THOMAS E. JILIN WOLTH

(Viologedle);

ARTHER MARSTON (at the Piano)

For Movement of D. Moor Tro

M. of Inches

90. Mrs. KENDAL and Lady TREE

OHANALS JULIA TO S.B., on

London.

London. Orchestra. 9.30. Banet Music, " Faust Plul Led. og

Selected Cornet Sole Agues York, Selected

Orthogra.
Selection, "Tom James" E Garmen
10.0.—WEATHER FORECAST and NEWS

10.16,-THE SAVDY BANDS. S.E. from La

LAYTON AND JOHNSTONE. S. B. from.

11.0.—Close down.

5WA CARDIFF.

3.0-4.0. Follower and his Orchestra relay-1 From the Capital Cinema.

0 6 45.—"SWA'S" "PIVE D'CLOCKS

45-0.30.—CHILDREN'S CORNER

7.0.—WEATHER FURECAST and N.W.

S.R. from London Mr. C. H. B. QUENNELL, S.B. from

Local News FIR STATION ORCHESTRA:

Concestor
WARWICK BRAITHWAITE
NORMAN WRIGHT
SIDNEY EVANS
Forces in
Penguin Dances in

Characters The Horo The Herome

Scene . Their Cottage on the Surrey see (in h Intermesse, " In a Menastery Garden"

helvibe Prevote Role, "Lillsputtan", Mrs. KI-NDAL and Iso-GRANNY & JULIE. .. Breiere (1 2 2 3 711

8.30. WEATHER FORECAST and NEWS.

S B from Landan.

Royal Horticultural Society Talk. S B from Landon

LILIAN BAYLIS. & B. frest London

Local News. 10.8.—THE SAVOY BANDS. S.B. from La-

LAYTON AND JOHNSTONE, & B. frags.

11 0. Close down.

MANCHESTER. 375 M. 3.0-2.30 Music related from the Piccadity

3.30-4.0.—Ms E. G. Hodgkinson, B.A., of Crewe County Secondary Echaol: Research Latract from "A Midsummer Dream," and "The Legend of it towe." by Eir Walter Scott. Broad cast to Primary Schools
4 30 5.0.—WOMEN'S HALF HOUT. Delorce

Barlow

5.0-6.0,-CHILDREN'S CORNER

A number against a remarkar stans indicates the carne of its publisher. A has just all publishers will be footed to page 460.

WIRELESS PROGRAMME—WEDNESDAY (Dec. 3rd.)

The letters " h.ft." printed in Malles in these programmes algoly a Simultaneous Brandcast fram the station mus-tioned.

6 30 0.35 -Prof. T H PLAR, MA, B.Sc t What is Psychology 7—(2) Chimpses of the Mod at Work

7.0.—WEATHER FORF AST and NEWS.

S.B. from Lo. do

7 16 7.30. 1 fer a

Request Night. T.H. "ZY" ALLMENTED

Conductor T H MORRISON
CARYEN HILL MERO-Soprano)
DOROTHY ROISON (Soprano)

Dyort re, "Mignon ? " of thomas beleeting, "The Total of Hoffmann

Offenbach

Mezzo Soprano Solos

"Life and Death", Coleridge Taylor
"Absent" Meteolfe
On setto
Selonion, 'Merrie Parland" German
Soprano Solo
"Some Day Walting Will En 1". J. Carvil
"The Reason", T del Riego
Serenade for Strings

Воргало Воюк.

Berly (1) Wopoziful Garden of Lax

he nedy Russell GRANNE JULIET ' S.H. from

9.30 W TEFR FOREIGAST and NEWS.

It val Hor senst stal Sec. et a Tack | B B.

rom Land a Mast Lillian BAYLIS. S.R. from Landon Laural News

LANTON AND JOHNSTONE. S.B. from.

Landon. 11 0. Close down.

NEWCASTLE, 400 M.

3 45-4.48 .- The Station Septet, Conductor,

Ldward Clark

4 45-5.15. -WOMLN'S HALF HOUR: The
Rev. Arthur Robins on "Sists Education for the Child." Inshel Spence

8.15-8.0. CHILDREN'S CORNER.

S. Parting I III 6.45. Farmers Corner : Prof Gardrist, Season.

7.0.-WEATHER FORECAST and NEWS

S.B. from Landon ir G. H. B. GUENNELL. S.B. from Landon, Local News.

Operatic Selections FRNEST J POTPS (Bess). EDA HENNIE (Sopraco). G. S. B. HODGSON (Tenor).
T. H. STATION OR HESTRA,
Conductor, EDWARD GLARIK.
Onthestra

Overture, "Peter Schmoll" ..., Weber Eds Benne. Polonales, "I Am Titania," ("Mignen")

Potenties, "I Am Titania, program Andrews Thomas Andrews Thomas Schools")

Bolt Song ("The Tales of Hoffmann")

Offenback

7 50, Ernest J. Potts (Boss)
"O Isis and Osiras"
"Within the Hadow d. The Magic Fluta." 12 . 172

[The Marriage of Figure . Ore nestra.

Ballet Missie,

Dr. cod Swan '("Lohragrin") Wagner

To cod Swan '("Lohragrin") Wagner

To and Pure Fraght with Love

Frace

Cond Prelay Masse, "Porsafal '..., Wagner

Fran Beanne

In sero, " Son Vergin Vezzona" (" I Pie "One Fine Day" ("Madame But, orfly ")

George H signm. "When a Charmer Would Win Me ('Rogolotto'),... Feed: Priss Sang ("The Mastersingers') Il agree

Orthostru Overture, " Lea Dragons de Vil ars " Madiat

8.55. Ernest J. Potts.

"Star of Eva" ("Tonnhäuser") . Wagner
"Rast I ve None by Night or Day " (" Don Giovanni) Moza Valcan's Song (' Pholemon et Bauca ')

rs. KFNDAL and Lody TREE in GRANNE'S JULIET." S.B. from

Royal Hortrealtural Society Talk. S.B. Man LII IAN BAYLIS S.R. from London

Local N we IC 5. THE SAVOY BANDS. S.B. from

LAYTON AND JOHNSTONE. S.B. from

11 0. Close down.

ABERDEEN. 495 M.

3 30- 5,0,- Popular Afternoon: The Wireless Septet. Bouncord Entertainen (Clar-net Section, Feminae Topic Mrs. Lacklan Mark mon on "Looking Ahead

5.30 S.O. CHILDREN'S CORNER: Mos E. Barnett, B.Sa., "Wonder Tales of the

North M. F. For the the Ph.D., 7th Lecture on

7.0.—WEATHER FORECAST and NEWS. 8 H. from Landon C D. looks out on the World

Local News Music and Bongs of the Son.

"There is somety where none intrudes By the deep sea the music at its roar, "

By the deep ket and the little of Base).

BAND OF H M & PANALOER GL V ...

(By kind permission of Cot Sergison Brooke, C M G., D.S.O.)

Conductor, Lacot, G MILLER THE WIRELESS ORCHESTRA.

(C. Bond)

The Regimental March of the Royal Marinea. "A Lafe on the Octa Wavo" (1) Octave, "The Flying Datebulan" Wagner Naval Patrol, "Britain's First Lime Walterna

CHAPPELL

weber planes are in use at the various stations of the B.B.C.

7 45. Revenue Warmhead

The Glory bessel Sanderson (1)

The Gauss Suntain r Barnard

Three Songs of the Sen ".....Quitter 24,

8 6. Physik, A Vago on a Trape p

Miller

Molly on the Shore " Granger

Overtare, "A Cam See and a Press. "
Voyage " Mend has a
"Sea Shoon" Freg.

6.30. Reginald Wintehead
"Nesson's Gone A Saring "...... Lob-" Drake a Drum
" The Old Superb " Stanford (1)

8.45. Band Selection, "Tristen and Isoldo", Wagner Dunt, "A Night in Venuer", Literation, Musecian W. WEST and Raise very A. J. COHR.
9.0. Miss. KENDAL and Lady Time "County's John to S. S. from London.
9.30,—WEATHER FORESTAST and NeWeb. Band

Royal Horticultural Society Talk. S.B.

from Louden tes Lillian Baylls, & B. from London

LOUBL NEWS. 10.5. THE BAVOY BANDS, & B. from LAYTON AND JOHNSTONE, S.B from

11.0. Close down

GLASGOW.

3.30 4.30 Breadcast to Schools: Talks Laterature (Poetry and Light Prose) and Music. Quartet.

4.0 5.0. Quartet J. McGill.vray Barrione,, Afternoon Talks

5.15 8.0. CHILLER'S CORNER! Sin, g Lesson by Aunt a Cyclom

6.0 6.5.-Weather Porcesst for Pariners

6.40 6.55 Mer Bosome Masson on "R. L. Stevenson," S.H. from Edinburgh 7.0. WEATHER FORECAST and NEWS.

S. B. from London r. C. H. B. QUENNELL S.B. from Hr.

I as Nos. MilLAR CRAIG on "The History of Opers.

Musical Comedy Night THE S.A. IGN OIL LISTEA

Conducted by IDERBERT A. CARRUTHERS JOHN VAN ZYL (Bartione, Orobestra.

Overture, "The Aroud and Monekton and Tolliot Selection, " A Southern Maid

Frazer Somaon Selection, "Tinn".....Rubens and Wood i. Burtone Bolos Songs from wed known Musical Consults

S. 15.

8.30 Orenestra
Schemon. "The Morvolhouses" ... Fibr
8.45. Lord SANDS on "Church Union
Relayed from the Grosvenor Restaurant
9.9.—Mrs. KENDAL and Lady TREE or
"GRANNY'S JULIET" S.B. from

9.30. -WEATHER FORECAST and NEWS b. R. from Lundon

Royal Harticultural Society Talk. S.E. from London.

Mass | ILIAN BAYLIS. S.B. from

Lesison.
Local News

10 5. THE SAVOY BANDS. S. B. from London
LAYTON AND JOHNSTONE, S. B.
from Londo

11.0.—Cluse dawn

number against a musical stem indicates the came, publisher. A bey list of publishers will be found on

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

Some Clever Little Broadcasters.



THE FLYING BEAR.

By LANGFORD REED



Tationa travelled by peroplane a ... upon him to pay my respects. He knows the now, and looks at me as if he would like to give me a good, affectionate hug. But p rhaps the acwell he cannot, for it might not be of the twomentor learns.

tyuncular means with reference to an uncle, though you'd never think so to look at it, for it seems as if it ought to have something to do with the posit on of things, like perpendicular

However, when you next write to your uncle, if you address him so "My Dear Avuncular Relation," you will be quite correct, though he will, probably, he greatly surprised.

But to return to the bear He's a busy old

fellow, and when he's not feeding, or helping his amin de wife wash the youngsters, or alcoping, he employs himself by walking up and down, which he can do both way

If this sounds confusing, perhaps this quant limerick, which I came seroes the other day may make it clear -

> Three was an old bear at the Zoo Who loved having something to do When it tred I am you know, I's walk to and fr.
> He reversed at and we ked fro and to.

Taking about intelligent bears, a few menths ago a bright little bear actually had a ride in an aeroplane, and, what is more, enjoyed it. The name of this fortunate youngster is Tatinna, which is rather like that of Titania, the Queen of the Faures, but it's the only fairy like thing about her

She had to travel from M.scow in Russia. to Berlin, the capital of Germany, when ahe is now living at the Berlin Zoo, and as there was not a good service of trains, and it was rather too far to want, an aeropiane was placed at her disposa-

A. first, she thought she might be too heavy but rejoiced, exceedingly, when the pilot said .--

ram y ar size | to prove fire

To was enjoyed the trip immensely and goton spicifically with the pilot, which was a very good thing, for it is much more dangerous to fall out during an acropione ride than it is when on the ground.

She has been in her new home some mently now, There is a bear-pit there, as in the Landon Zoo, but however high the other bears climb, she will be able to boxet that no lear has ever been so high in the world as she. How for hope she will not boast about it too much, for that we're obserable. And I am surry she a not at the London Zoo, for then you well have been able to see her

However you can see the other hear I to I you about, the one resembling my Great u ... Herser

If you make a noise like a neubew or the c and threw him a boot, with plenty of earn a in it, he ii be awfully pleased to see you

JOLLY BOOKS FOR CHRISTMAS.

No Christmas stocking is con plete without at least one book, and two of this year afavourites will be "Hallo Boys!" and "Rallo Ciris the jody annuals which the "Auntes" and "Lucles" have written. They are full of pictures and stories, and only out three shillings

They are published by ' end Paimer, who calls our attention to an error in 'Hallo tark' The contribution of Auntie Cyclone, of Clasgon has been attributed to Auntre Shorts. They applies to the portrait of Auntre Cycle So remember this when you are reads & if die

WIRELESS PROGRAMME—THURSDAY (Dec. 4th.)

The letters " 5.3." printed to Ifalica in those programmed algority a Simultaneous Broadcast from the station men-

2LO LONDON.

10 % Time Signal from Creening The Week a Concert of Gramophone Records.

3 34 Fransmission to decrease the Man.

4 35 (a ma Signal from Greenwich (m. cred the 2LO True and Sidney Assum (Bantons) Series & Matheway Avon (Bartone) Sor at read at the Marcon (Bartone) Sor at read at the Marcon of the Ma

D 30 Marth (seed 15). Songs V V to a green of V to a seed to be V to a seed to be to a local seed t

11 S. T. F. C. M. DEFN OF THE STREET OF THE

The Took of Person of North 14 0

HILL FOR THE STREET, THE STREE SIT 475 M.

1 h. 9 I a. Se con l'inneferte Quinter Ce rignes Tenner Se c no) in a Recetai Di France, a. 1 f. a. Wisse 5 F. 30 WOMEN'S CURNET. Crience or Seque o nouvry Daniel

5 to co Critices a new Mens Frances

5 to co Critices a new Mens Frances

5 to City of the File ANT and NEWS.

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5 to City of the File ANT and NEWS.

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Re a State & Face & B. From London Me. Ell. (1834 N.D.). See from London and London N. W. Bethickem."

The Laborator epited from the Coventry

Messely Botham Boughton. Readym few the Lines che Cate

The Vict Mary I SHE SUDDABY

Color of Execut Base of 10 N

List JOSEPH FARRING 1 N

HAROLD HOWES

List JOSEPH FARRING 1 N

THE CITY OF BIRMINGHAM CHOIR

SIT REPERTORY COMPANY, THE STATION SYMPHONY London FRANK CANTELLA Produced and Conducted by JOSEPH LEWIS.

"The Rose of Per. ta,"

A Comic Opera in Two Acts
by Basil Rood and Arthur Sullivan.
Relayed from London.
S.B. to Bournemouth, Cardiff, Newcastle
and Aberdeen
7.35-9.30 and 10.0-10.39.

The Sultan Mahmond of Parsis STUART ROBERTSON

Hassan (a Philanthropost)
FREDERIC LLOYD

Yound (a Professional Story-Teller)
SYDNEY COLTHAM
Abdallah (a Prinst KUNNETH ELLIS
The Grand Vizier JOHN BUCKLEY
The Physician-in-Chief FD WARD LEER
The Royal Executioner STANIEY RILEY
The Sylvania Tabordah Lammed Roseine The Sultana Zubeyden (named Rose-in-Bloom) ... OLIVE STURGESS

VIVIENNE Scent-ofLifes
Hear.'s
Dasir's
Honey-ofLife
CHATTERTON
Fewourde
GLADYS NEWTH
DJROTHY
BENNETT

L fa BENNETT
Dancing Sunboam (Hassian's First Wife
GLADYS PALMER
Blush-of-Marning this Twanty-fifth Wife)
MARGUERITE DAVIS

THE WIRELESS ORCHESTRA
Under the Direction of L. STANIONJEFFERIES.

Art I Court of Bassan's House. Act II. Audience Hall of the Sultan's Palace.

Stage Manager, FREDERIC LLOYD. Produced by L. STANTON-JEFFERIES

4) C. W. ASSILE FORESAST and NEWS, Large New 16-20 Specifical

BOURNEMOUTH, 385 M.

3 30 Too Wireless Orchestra Constitution of the Work of Work A. F. S. Son and T. Company (Songs at the Piano). The Work of Company and Company and Company and Company and Company of Company (Company). Son Company (Company) of Company (Company). Son Company (Company) of Company (Company).

r 6 % waster, 4 of Lane M I Leave to 20 of a Conduction Talk M R F P wastern and a Conset Horn them.

Plan B. The c. Pr. nen S. J. Jours.

CARDIFF. 351 M

S.t. 4 at. The Sout in Ore sesting to hier a. Warwick Break (word). Hier to her

DISE C Vocal and Instrumental Acusta. Melecular J. W. E. S. et al. The New York The New Yo

7.0-10 30.- The entire Programme S.B. from Lumber

MANCHESTER,

1 30 12 30 Cohoost by the "2Zk" Quert.
4.30 5.0 -WOMEN'S HALF HOUR M a
S. H. Fry on The House we Should
Like to Bund.

5x 50 CHICDREN S CURNAR 4.30 to 3. F By Solvats and they collect

635 6 · Irol W.S. Rapor to F., 1.8. M.L., on 'Form act as the street Bulk 3, Ven ares may the Fine

7.9. WE STATE REPRECISE and NEWS.

S. S. M. L. and a. S. R. from Land a.

Rank State at R. S. R. from Land a.

Mrs. HUGH SPENDER. S.B. from London Local News

Gless Part Songs Choruses A Play. THE "2ZY" OPERA CHORUS LORGO OF SAME H. W. I. T. ANGEL

CHEN (ARKE (Sopratio) CLARA CRAM. F. SIE BOARDMAN (I. in)
HABOLD MARSE E.
LEPT FR. L. 1 B R. J. 2
Jr. K REID /Bardone
A. Ge I a II. 1 I FOX

A. Ge I a II. 1 I FOX

THE ' 261 MELL ID CLUB

(Ja. Gee We Droop & Var

Porcell II.

Chorus, " Calm is the Glassy Grean Afocust (11

cles, "Up! Up! Ye Dames Macjarren (11

Cor How I Lave the Fest ve Box

Morfenzie (.)

The for Three Supranes, "Mouster of Tria for Three Supraines, "Mouster of Night" ("The Magic Flute") 7, Maiari Dantone Solo Ario, "All Concess the Tencer Passion" ("The Magic Flute",

Chorus, "Forth to the Meadow

M terry

The "22Y" Mershald Club "ALGUSTUS IN SEARCH OF A EATH R

Port Soil 2 2 and a Cor Joseph Lance Part Song. "Meg Merches Boughton (1) b. « Solo and Chorus. "The Call of Gold

Fourth 1

Tirkled Make Sweet " [" the nort", Burn Chorus, " Bridal Charus " [" Lohotogrin "] time that of Thor " (K og

One

330 WEAT GER FREE AND

S B from Lundau

Topical Talk Local News
10.0. Chorus, "To Woden's Has

Pareall (1)

Goe, " Swifely from the Mountoin's Brow Holds (1)

Gos, "From Oberon in Carry to Storege [1]

Bass Solo and Chorus, "The Kade's Italy restained to the English of the English o

NEWCASTLE. 400 M.

11 30 12 30. Crosse's Clorinot Quartet. Mary Ryan (Soprane). Educa Phonograf a. (Continued in column 3 page 449

A number against a moved have undersee the name of its publishes. A key list of publishers will be found on page 445.

WIRELESS PROGRAMME—FRIDAY (Dec. 5th.)

The bettern " f.d. grinted in Italian in those programmed signify a bimofthmoore breatenst from the station man-

21.0 LONDON. 365 M.

1.0-2.0, Time Signal from Greenwich. Con-cor the "2LO Trio and Margot Cor Che " 22.0 Contrade), 3 13 44 . construction

remamiamon to Belicola : Talk under the auspices of Linstitut

4 0 5.0.—Time Signal from Greenwich. "The king of the Canges," by Stan Harding Phy is Neah (See Vielin). Voice Production and Diction, by Marion McCarthy. Organ Mone relayed from Shapherd's Bade Povilion.

5.30 6 16. CHILDREN'S CORNER: Carrelita Lawlers, ago 155—Pianoforto Seles, Lauser Whete (age 8) — Recitations. Regard the Infancial Green Bettam

Round the Islands of Great Britain 'The Shetlands

Most in Walliam "Down age red IIM st val. FROM PI t be N WEATHER ROMES ANT age. ISP FINERAL NEWS BULLETIN S.R.

to all Stations.
A. ATKINSON, "Seen on the Serson. S.R. to all Stations. Local News.

Orchestral Evening.

ITILDA ATKINSON (Harpost and Suprano).
IVOR WYNNE (Base Buritone).
HARRY RICE (Entertwiner).

THE AT WAT I WARFLESS OR HESTRA

Conducted by DAN GOAFBEY June The Orchesors. Overtice, Orpheur in the Loderworld "

Badet Egyptien **
Frida Arkinson

H wa Atkinson, with Orchestra. Concerts a k for Harp and Orchestra

Ivor Wynne
The Song of the Lighthouse Bell "Petros
The Rover"
The Ore cester

The Ore estre

The Unfineded Symptony

2.30.—TIME SENAL FROM RELEASING
WEST HAR FOR CAST and AND
CASTAN NEWS BUILDIN SH
by and Suggests

Mark of Health Take Surface OR A
A MARK IN BUILDING AS FOR A
A THO Public Health Problem of Tuberculosin, S.B. to all Status.

Local News.

Local News, The Oreligates, Overture, ' Rad price Summan

Quips. "The World in Anecdote-(4), The Rising Seneration The Orchesten.

Setection, " The Street Singer" Persect Stottern.

to 30,-Class down.

BIRMINGHAM.

J. 20. 4 30. - Lozolla Pictura Hersa Orchestra.

Nan Deighton (Seprence). Sidome Wasserman Solo Pianoforte.

S. 5.20. - WOMEN'S CORNER A. M.

Nepherd, "Mytha of the Commonplace.

Water Loze." Isabel Tabba (Sopranc).

5.30.0 30. - CHILD LEAN SCORNER.

0.30-6 45. - "Feens" Country Cyril Madgley,

B Sc., F R. U.S., "Travollers Tales-(1),

With Pythens to the Land of Chima.

4 t 70. For Al otment and Smallholders 0. WEATHER FORECAST and NEWS S.B. Irom Lando

G. A. ATKINBON. S.R. from Landon, LOCK News.

7 30.

Another Request Right.
THE ST TION ORCHESTRA
FLORENCE (TELET(N. Sections)).

TLORINGE (THETEN SCIENCE).

CARMIN HILL (Contracte).

INCHAM BENNING (Tenor)

THE "SIT" MALE VOICE QUARTET ACLE COLCHMAN SON Planeforte).

EDITH JAMES (Songs at the Plane).

Interested Lecteners are requested forward titles of any fevourity numbers to u., and, as far as time permits, as we column to the column to melude them as an Request Programme. Request Programme

9.30 - WEATHER FORECAST and NEWS.

S. B. from Lordon GEORGE NEWMAN S.B. from

fordor, Lord News. 10.0.—Request Programme (Continued). 20.10. Close down,

6BM BOURNEMOUTH, 385 M.

3.0 5.0. From that Talk (WITTANER WILSON Mrs. WILSON Made Davies Baritone), Rational Coborne Englander), Talk to Women graphy," by Mus Pource 5.0 6.0. CHILDREN'S CORNER

6.0-0.30.—Schemes' Half Hoor Was K. F. Strocks - The Hoty Oracl. The Soc.

TO WELL HER FORECAST MIN AF . S.

G. A. ATKINSON. S.B. from London I and N. we.

Byrd 1538-1923 Parceil 1658-16
Arne 1710-1778.
KATE WINTER (Soprano)
GLADYS PALMER (Centrato)
SYDNEY COLTHAM (Fenor)
HAROLD WILLIAMS Byrane
ANNE FARNELL WATEN (
Hammelood)

THE WALLSESS STRING ORCHESTBA Conducted by

Incabattal Music to "Distressed Innocency or "The Process of Persia". Parcell (11) (A Tragedy by Elianob Settle, produced

Kate Winter, Gladys Palmer, Sydney
Coltham, Barold Williams,
"Is Love a Boy
"Boy, Pity Me"
"Wounded I Am"
"Yet of Us Twain"

Bydney Cottlean. "We All Love a Pretty Girl Vider the Rose" management of the Property of the P

Rose " hate Writer Arna (1)

Kate Writer
"Not on Beds of Rading Flowers \ Arna Anne, Sweet Messenger of Morn" \ \ \ (15, \)

"The Soidne Tired of War's Alarma"

Army 1)

Or her ra Incremental Money of The Dan de Deauer"

(A Councily by "Congress " Purch 1)

-Kate With 1993.

8.30.—Kate Winter, Gladys Pelmer, Sydney Catham Herold W Game.

rese Thoughts Ryal con " If Love Be Just "

"Wans That the 8 m

(An Adegorical Poem by Edmund Spensor)
Barold Wilsons. "Blow, Blow, Thou Winter Wind"

4-ms (11)

"Hear, Ye Gods of Bryann

Cladys Pagner.

"Were the Bes Sicken"

Now Photons Sucketh in

Lie West."

Orchestra

Incidental Masso to "Bondrea" or "The British Heroine" British Hereine (An anonymous adversarion of a long by y

Purcell (31)

Steep, Gentle Charub. Steep Descend'. LHEFT

The Strain of Strain Operated

Les Strain Horne Strain Parcell (11)

Harold Wissiams and Quarter

"Rule, Herizabusa" Serie (1)

10 30. THE ROYAL BATH HOTEL

DANCE ORCHESTRA

Relayed from King's Rail Rooms

Musical Director—DAVID S. Like

11.0. Close down.

351 M. 5WA CARDIFF.

3.0 3.10. - Transmission to Schools

3.30 4.0. - The Station Trio. 4.0-446.-The Cariton Orchestra reasyed from

the Carlton Restaurare

5.0 5.45.—" 5WA'S" "FIVE OCLOCKS"

The Station Orghestra. Ta

5.45 6.30. CHILDREN'S COPYED

6.45 7 0. Mass Ecanor Vactor, P. S., on
W. d. Flowers."

7.0.—WEATHER FORE AST and MEWS,
S. f. for a Landon
G. V. VIXINSON, E.B. from London,

Local News. 7.30. An Evening with Mount

(Musest died Dec. 5, 1711)
DAISY KENNEBY (Solo Violan).
MAURICE COLE (Solo Pianoforte).
THE STATION ORCHESTRA
Consustor: WARE & GAATTH
WAITE.

Orchastras Overture, Figure 7 and Marroy Co. Sunnamore Viscon and Lamboure L.

Onthesign " Three German Dances."

Domy Kennedy ore i ce ore, Harmest e ore, Biarr e Gavatto Garman Danco . Rondo Orchest a. Overture, "Il Sampho.

Dusy Kennedy and Maurice Cole. Souste for Vicin and Planeforte in B Plat K. 374

Overture, ' Don Ginvanns "
Maurice Cole-Fertusia in C Motor.

A number apoint a remarch stem indicates the carrie of its publishers. A key list of publishers will be found on page 449.

WIRELESS PROGRAMME—FRIDAY (Dec. 5th.)

The lotters "S.B." printed in Italics in these programmed signify a Binaultaneous Brendeset from the station men- librari.				
9 30 -WEATHER FORECAST and NEWS				
S.B. from Landon				
Sr Chillian NEWMAN SB. from I. a. Loon News.				
16 B FR ANCE				
2ZY MANCHESTER. 375 M				
30-) 30.—Organ Missle by H. Fitszoy Page, relayed from the Piccasully Pictur				
2 Jt 3 dron beast to Secondary Seconds (Semon): Mr L. S. PALMFR, M Sc Ph D., on "Electric y- What It Is and				
What If Does 3.90 4.30Concert by the " "ZY" Quartot 4.30 5.0. WOMEN'S HALF HOTE				
4 30 EQ. WOMEN'S HALF HOUR 6 C.C.—CHLAZZEX & CORNER				
6 b) 0.55. Mr. R. W. James, M.A., P.S. of Manchester University, on "Antarche				
I name—(4), A Winser in Emphant				
1.0.—WEATHER FORECAST and NEWS. S. H. from Landon A. D. N. NSON S. B. from Landon				
1 \ 11.2				
7 50 BAND OF HM CREND FROID 15 (By Permanon Cf. 3 N Segison				
(By Permanen († 3 N 5 rg)son Prooke, C.M.G., D.S.O Corduntor : Lieur G. MILLER.				
KLUSTON SPEELHERD (Bar-tone Brast				
frand March, "Tas Sdvar Trumpeta"				
Overture, "La Princesse James Sucrea				
Sarto. Les Engryes Magaenet				
Bed Books				
Band.				
Selection, "Véronique" Memager ' Salut d'Arnone Eque				
inpo di Ballo" Scorrete				
Rantone Sungs				
" Give Mc a Lonely Garavan				
"I T mk" Uny d Hardelat				
Transaction Dance (La Lasa Grand State, "Neopolitan Scenes" Musseuel				
State, "Neapolitan Scenes" Musicue!				
"My Little Lad" Percy Ellion Roming T del Riego				
Sir Crittis NIWMAN SB, from				
London Jones News 190 -Stat on Director's Talk.				
10 10. Band				
Selection, "Songs of the Fair" Eosthope Martin (5)				
Secures Selection Selection				
Quele Bloop, " Givenchy " Ravies				
10 M.—Close down				
ENO NEWCASTLE 400 M.				
3.40-4.45 St Hilds's Bread Quarter 4.45-5.15 WOMEN B HALF HOUR.				
6.18-6.0.—CHILIREN'S CORNER 6.0-0 36. Scholars' Half Hour				
h to Face to Coper Mr R W Wheldon on The Management of Meadow Land."				
THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PARTY				

NO NEWCASTLE. 400 M. 140-4.45 -St Hilda's Breas Quarter 145-5.15 -WOMEN S HALF HOUR. 140-6.0CHILDREN'S CORNER 140-10-5. tener Mr R W Whelden on The Management of Meadow Land." 10 WEATHER FORECAST and NEWS. 8 R from London G A VIAINSON S.B. from London. Lock News. THE STATION ORCHESTRA Conductor FOWAR - CARK 1-81E COCHRADE (Soprano). TOM KINNIBURGH (Bass)	Quele Stop, "Giveneny
145-4.45 St Hilda's Breas Quarter 145-5.15 WOMEN S HALF HOUR. 15.16-6.0.—CHILDREN'S CORNER 16-0.36. Scholars' Half Hour. 16. Fair of the Mr R W Whelden on The Management of Meadow Land." 16. WEATHER FORECAST and NEWS. 16. Reven London 16. A VIAINSON S.B. from London. 16. Lock News. 161- STATION ORCHESTRA 160- CORDUCTO FOWAR OCHESTRA 161- COCHRAD (Soprak) 160- TOM KINNIBURGH (Bass)	10 Ju.—C1085 00W12
45-5.18. WOMEN'S HALF HOUR. 5.18-6.0.—CHILDREN'S CORNER 4.0-130. Scholars' Half Hour 40. Farrier, Corner Mr R W Whelien on The Management of Meadow Land." 70. WEATHER FORECAST and NEWS. 8 R from London C. A. Chilnson S.B. from London. Lock News. THE STATION ORCHESTRA Conductor FOWARD CARR FIRE COCHRANE (Soprano). TOM KINNIBURGH (Bass)	NO NEWCASTLE. 400 M
The Management of Meadow Land." WEATHER FORECAST and NEWS. B B from London C A VININSON S.B. from London. Lock News. THE STAPION ORCHESTRA Conductor FOWAR C ARK I SIE COCHRANE (Soprano). TOM KINNIBURGH (Base)	1.40-4.45 -St Hilda's Bress Quarter 1.45-5.15 -WOMENS HALF HOUR 1.15-6.0.—CHILLIREN'S CORNER 1.0-0.30 - Scholars' Half Hour
LOCK NAMES THE STATION ORCHESTRA CONGREGOR FOWAR - CARK LISTE COCHRANE (Sepreno), TOM KINNIBURGH (Base)	The Management of Meadow Land." WEATHER FORECAST and NEWS 8 B from London
	LOCK News. THE STATION OBCHESTRA Conductor FOWAR - ARK I SIE COCHRANE (Soprano).

1	5 PROGRAMIME		
7			
Ì	Lyrica by F E, WEATHERLY, 7 40. Else Cochrane.		
ı	7 40. Else Cochrane. "If I Might Come to You." W. H. Squerz (1, "The Little Damozel." Iver Nevello (1,		
ı	i 50. Orohostru		
ı	The Anti-Josh Stephen Adams (1)		
ı	"Up from Somerset" } Sanderson (1)		
ı	The Star of Bethiebern 1 Stephen		
ļ	8.10 Else Comme (1)		
ļ	The Star of Bethachem Stephen The Midstepoute Stephen Adams (1) 8.10. Elast Dorothy Stephen Midstery Star Dorothy Stephen In Was Dorothy Stephen Star Orange Stephen Stephen Stephen Stephen Star Stephen Stephen		
i	"The Holy City " . Stephen Adams (1)		
ı	9 25 Tom Kransburgh "Friend o Man Standerson (1, "Stone Cracker Joka" Cooks (1		
ı	S.35. THE STAI GN ORGALISTRA		
ı	OLIVE TOMEINSON (Solo Pinnoforte' 8 ate, "Li Fadigat Prodigar" Wording		
ļ	B.C What other Stations and delay 5 30. WEATHER FOREX AST and NEWS		
ı	SR GEORGE NEWMAN, SB from		
ı	London. Loral News. 1).0. Orenestro Lance Music.		
ı	19.30 —Close down.		
l	ZBD ABERDEEN. 495M.		
ı	2 30 4 0. School Transmission: 3OHN McFAR LANE, M.A., M.Com. Render in Geo.		
ı	graphy, Abertsen University. The		
	Wireless Orchestra, Ennemendo Casati,		
	Topics; Mrs. Robertson Cameron on		
I	5 15-6.0.—CHILD, G.N.S. CORNER		
ı	6.0-6.15.— Westly Football Talk, conducted by Peter Cragunyie. Scottish League Hoferee. 5.40-5.50. Farmers' Advice Corner under the		
ı	auspices of the North of Scotland College of Agriculture : Conducted by Mr. Donald		
ı	G Marco Bese G 90-F Agric Marco Natos		
ı	NEWS. S B from Landon		
ı	C A. ATKINSON S B. from Landon Local News.		
	Everyhody's Programme.		
ı	DOROTHY ROBSON (Seprano) MARGARET COLQUINOUN (Restaliat)		
	GLORGE BOYD Barrone ANDREW WATSON (Solo Vlotunestle), RUJERT Mact. DVN 1C1111;		
	(Solo Corne WILLAW AARAANS		
	(Sola Clarinet). THE W. U. L. L. L. S. T. R. 10. Tr 20		
	7 30 Tr Tosch. 7 40. Learn Robert Tosch.		
	The Banks of Adan Water " Shure " The Road to the Islas " Kennedy Fracer(1)		
	7 50 Riviet "		
	"The Highwayman" NEER		
	Trottin' to the Fair' Stanford (1)		
	8 10. Anarow Watson. The Swar Sant Sams "La Canguno and Gabriel Mone		
	8.26. From y Robson		
	"The Fiddler of Dooney" . Dunbill (14,		
	8.30, Robert MacConnaction. "Good-hye" 8.40, Manuscet Columbum.		

<u>ر</u>		
	Lyrios by F E. WEATHERLY.	8,50. George Boyd.
	7 40. Elsis Cochrane. All I Might Come to You."	"On the March" Obser (8) "The Ganator"
5.	"The Little Damozel" Iver Novella (1,	9.0. W them Harkins. Beottish Fantasis Lazarns
	Stephen Adoms (1)	9.10. Margaret Colquboun. Thady " (Irish, Locer
	Tom Kinniburgh.	"The Story of a Sixpense" (Cookney) Pages "If 1 Datet" American) Field
	"Up from Sometast" (**** Sunderson (1)	9 3 . Poster Bong ")
,	The Star of Bethelem ') Stephen	' Yelow Datsy ' \ Art. Dowelt ' Red Clover '. '
	"The Midshipmite" f Adams (1)	S B from Lo do
	Milarwy The Dorothy I see	Sir GEORGE NEWMAN, S. B. from London, Lore, News
1	N. UIS CAPCAGETES	10 0. Tale WIRLLESS OR HESTRA Dence Programme
	"The Holy City " . Stephen Adoms (1)	10 h0. Close down.
	"Friend o M. a Standerson (1, "Stone Cracker John" Coales (1	SSC GLASGOW. 420 M.
e l	"Stone Cracker John" Coules (1 S.35. THE STAI ON ORCHESTRA	3 30 4.0. Broadcast to Schools I as History and French, Quarter
†	OLIVE TOMEINSON (Solo Pinneforte)	4.0-5.0.—The Winness Quartet. John Brown Entertainer). Afternoon Tecks.
	Sate, "L Faliat Product" Wormer 8.0.—What other Stations up de ny	5.15 G.O.—CHILDREN'S CORNER
	5 30. WEATHER FOREGAST and NEWS	0.6 6 5. Weather Forecast for Parmors, 0.40 0.55. Mr. Porhey V. Howells on "Hor
	SR GEORGE NEWMAN, SB from	7 C. WEATHER FORECAST and NEWS,
	Loral News. 1).0. Granestra	S. B. from London G. A. ATRINSON S.B. fr im London.
	Lance Music. 19.30 —Close down.	Local News. An Hear of Highland Melody
		THE STATION OR HESTRA.
63	2BD ABERDEEN. 495M. 2 20 4 0 School Transmission: 3OHN McFAR	HERBURT A. CARRUTHERS
N	LANE, M.A., M.Com. Render in Gen- graphy, Aberdsen University. The	Introductory Remarks on each item by JENNIE GAVIN AR M
S Selection	Wireless Orchestra, Ennemende Casali, L. Ea. L., "Elementory Francia Reading	JENNIE CURRIE (Gashe Seprano).
	4 5-5. The William College For the	7.30.—" Hebridsan State " for Violancedo and
er sc	"Modern Poets (1) Thomas Hardy	Pinno Mrs. Kennidy Fraser (1) (JOHN B. DICKSON and
žr Je	6 18-6.0.—CHILD.G.N.S. CORNER 6.0-6.16.—Weekly Football Talk, conducted by	ANDREW BRYSON)
	Peter Crammyle, Scottish League Hoferee, 5.40-5.50. Farmers' Advice Corner under the	Mo Ribhan Chadwondel."
sk na	auspiess of the North of Scotland College of Agriculture : Conducted by Mr. Donald	' Chi mi m Bata. ' S Trusaidh Mi ha Cuileagan' ("The
6.	G 50-F X 20 H y to N dos	Cockle Gatheror ') Value Soles
ol el	NEWE R FORECAST and NEWS. 8 B from Landon	Unices of a red had and Airs, Marks rooms for em
έĮ	C A. ATKINSON S B. from Landon Local News.	An Charto Press b ("The Bens of
9	Everybody's Programme.	"Bando Rammean ("Dance to Your
14	DOROTHY RORSON (Soprano) MARGARET COLQUHOUN (Restalat)	Sandow.')
	GLORGE BOYD Barrions ANDREW WATSON (Solo Vlotmeetle).	March, "The Battle of Marken Strathspay, "Tullochgorum
	RUSERF MACONNACIRE, (Solo Corne	March, "Pibroch of Donald Dhu."
) nu	WILLAW TARKINS (Solo Clarinet).	Strathages, "Miss Drummond of Porth." Reel, "The Reel of Tolloch.
las-	THE WALLESS TRIO.	8 38. Orchestra. Selection, ¹³ The Thistle
W	* Screnade Tosell.	JOHN DUNN (Sola Viotin). HERBERT A. CARRUTHEAS
Ĺ.	7 10. I cont a 16 bern. The Banks of Astan Water " Shuic	(Sule Pieneforte). S.55. "Thems and Vacations" from the
	"The Road to the Islas" Remody Fraser (1) "The Rivalet" Share	Kreutzer Konota" . Bechoten
	7 50 Margaret Colquboun. "The Highwayman", AMERICAN	theorem at Man in the Marchest Quartet 1
12	Trottin' to the Fair')	036 W ATH IS PURE AND AND AND NEWS.
S.	8 10. Anarow Watson.	London, Lord News 8 B. from
	The Swar Sant Sans "La Cong mb a co Gabriel Morie	Nocturns in E Flat Chapta Seconds
	8.26. France Spread 3	Spanish Dance (' Zapatedo '), . Squate 10.10. Orrhestra.
	The Fidder of Dooney . Dunbill (14,	Selection, "Merric Ergland" German March, "The Wooden States Louis
	8.30. Robert Mar-Cononchie.	10 90.—Close down
119	8.40. Margaret Colquboun.	A mumber against a massical stem undicates the name of its publisher. A key list of publishers will be found on
eg	"Peter Pirme's Hom", Ford	magn (49

WIRELESS PROGRAMME—SATURDAY (Dec 6th.)

The letters 5.8 printed in states in these programmes eignify a Dimpitaneous Broadcast from the station men-tioned.

21.O LONDON. 365 M.

4.0-5.30.- Time Signal from Greenwich. THE "2LO" OCTET

Under the Leadership of S. KNEALS

WILES CLARE (Easertment)
Hedran's Well (Part 2), by Agner Herbert
'Wintry Salada," by Mr. Teignmouth

S one. .. 30-6.15. CHILDREN'S CORNER : Winsie 130-0.15. CHILDREN'S CORNER : Winder Harding (aged 15), Humorous Mondiogres Dorsen Wood (aged 14), Planoforte Solos. The Fary Feast," by Charlotte Druftt-Cole. Children's News.

6.40-8.85. 'The Dumestic Col.," by a West End Vaterinary Surgeon.

7.0. TIME: SIGNAL, FROM BIG. BLS.

70.-TIME SIGNAL FROM BIG REN WEATHER FORE AST and IST GENERAL NEWS BILLFTIN. 88 to all Stations

"Currosities of Parliament," by an M P. Local News.

Popular Night, LEONARD HUBBARD (Buritons) LENA COPPING and MARCIA BOURN

The Orenestra. Sare, 'My Lady Drogon Fly F Intermesso, 'An Evening in Toleto

Marcia Buttin and Lena Capping.

'All Day Long (with Banguleies) " Lee (7)
My Sunahine Girl " G. Stanton (9)
Hard hearted Hannah " Fillen (9)
The Orchestra

Intermezzo, * In a Chinese Temple Garden "

Long Hertel Again,
Leonara Hubbard.

"A State William & Long Way."

Divise and Afset (6)

"From One Till Two.", Bard and Hoover
The Grehestra

Schot for "The Co-Optimists." Fother (7)

1.5 SIGNAL FROM GREEN WICH
A VILLE FOREY AFT AGE 2NO.

(FN KV. NEWS BULLETIN & h.

(FN KV. NEWS B

THE SAVOY OBPHEANS and SAVOY
HAVANA BANDS and SELMA FOUR
relayed from the Savoy Botel, London.
B. to all Savoy

12 0 .- Close lowe.

BIRMINGHAM. 475 M 5IT

3 30 4 30,-Children's Concert

5.30 4.30.—Undrean Concert A. B. W. A. R. R. B. B. B. Weenft Chat No. 11
"The Worterproofing of Materials.
1.30-6.30. (FILDREN'S CORNER.
6.30-9.45. "Teems" Corner: France Redeal

(Solo Pianoforte).

G.-WEATHER FOREI AST and NEWS. & B. from Landon.

Light, A. E. SPRY Multand Organ and Secretary, Brush and Foreign So. Society) on "The Br' le of the Func lands." Local News.

Military Sand Programms.

THE BAND OF HM CRENALIER GUARDS

(By permission of Cal. B. N. Sergison Brooks, C.M.C., D.S.O.) Director of Mosic, Lient. G. MILLER FRIRUDE DAVIES (Suprano) HERRERT ALDRIDGE (Entertainer).

The Band. March, "Entry of the Boyards" Helicorett Overture, "The Relacts" Brond

The Band

"Volse Trists"

Sinte, "Hinwatha"

Sielection, "Madema Posspedour Full (1, Humorous Selections.

Humorous Selections.

(H) Altered "Fundy 7)

" Harleck (H) Altered ' Eartherware " ... Fortherware ... Westen and Lee sperdale (13)

The Band Gree, The Chough and the Crow "... Hushop

"The Unforesten"
"Lu hyby ""
"Backbard # Song " Cyril Scall (4)

The Bend Suite for Military Band in F Major Guetar Hold (1)

3:30. -WEATHER FOREXAST and NEWS S B from Long a Major E. R. TOSSWILL.

S.B. from Local News and Football Review

10.0.-THE BAVOY BANDS. S.B. from London.

12.0. Close down

6BM BOURNEMOUTH, 385 M

3.30 S.O.-Et al Rewland (Soio Pianoforte) Fract Bushop (Solo Concerna). Talk to Winen: Cats," by Mas Faconer THE ROYAL BATH HOTEL DANC: OR H SIRA missed from King * Hob Rooms (Musical Director, DAVID S.

5.0 8.0. CRILDREN'S CORNER

6.0 0.30.—Scholam' Half Hour: Mr C. 1 Woodward, A.M.I.E.E., on "Loud Spenkers and their Equipment."

70. WEATHER FORECAST and NEWS.

S.B. from London
Mr. E. CAVAN DANCE Desperadues I
Have Known." Local News

Dance Night

With Harnorous and Oreaestral in ec-THE FITE ENTERTAINERS
PHYLLIS BERYL (Costs to;
W EDWARDE TOWLE

(Rarttone, Enter cor and Ra v w Tale Will I as ORCHESTRA

Cope W A FFARHERSTONE
THE HOYAL BATH HOTE, DANCE ORCHESTRA

Moscol Director DAVID & LIFF

Orchestra. Spicer on, Sally " Kien

(Edwardo Towe). Be had "The Band Plough : a. Edwarde Towie

Duet, A Lover and His Lean " Winthow Humarous In erfode of Sketch and Story , Edwards Towie) "Frend" " Date of (Antestage) " Humarous Jingle, "Fables Up-to Date

Phyllis Bergl 8 55, Dance Orchestrs.
9 30. WEATHER FORELAST and NEWS.

S.B. from I ando: Major L. R. TOSSWILL. S.B. from Lord ...

10.0 - THE SAVOY BANDS. S.E ...

12 0 .- Close down.

SWA . CARDIFF. 351 M.

3.0-4.0.—Faskman and his Orchestra, relayed from the Capitol Chemna 3.6-45 FWAN FAFF OF LOCKS 5.4° W. L. LUCKN SCORNER

L. LUIGEN'S CORNER

ML at , on "Wild Rods of Wares and the West Country-Bard Observation in

70 .- WEAT, FR FORECAST and NEWS & H rom Limite Currenties of Parlament, by an M.P.

MAX CHAPTELL'S DANCE BAND

Resided from the Bylo Boom, Carel at WEATHER FORFT AST and NORS S. H. From Lord

May to I R. TOSSWILL ST. London Locas News

OO. THE SAVOY BANDS ST ...

14.6 Tase de and

2ZY MANCHESTER. 375 M 3 30 4 30. M use releved from the Oxfore, Picture Theatre Conquetor S. Spungs 4 30 5.0.—WOMEN'S HALF HOUR Mes.

Johnson (Buss), 10 81 - CHILDRI-N'S CORNER.

9 3 to 5 to 1 Trantur (Barn to Wilson Notional (Receives one) 7.0.-WEATHER FORECAST and NIWS.

S B. from Log to.
Mr. F. STACEA L.NTOTT on "Sport Local News,

Organ Recital.

"Ho b You Gong the Tender Creat ["Acio and "Love Sounds the Galatea"]

0 30 .-- WIATHER FORECAST and NIWS.

NAJOF L. R. TOSSWILL. S.R. from London. Loca. News 10.0.—THE SAVOY BANDS. S.U. from

12 0 -- Close down

A number against a munical term indicates for name of its publisher. A key can of publishers will be trend on page 449.

WIRELESS PROGRAMME—SATURDAY (Dec. 6th.)

1965 retters " 9.2." printed to thaties in these programmes against a Samullaneous Brandonst from the multist man-

400 M 5NO NEWCASTLE.

3 45-4 30.—The Station Reptet Conduct flawerd Clark. North L. Alason. 4 45-5 15.—WOMEN'S HALL 101 . 3 North Balls on "Old Time arrange. Conductor,

5.15 S.O.—CHALDREN'S CORNER.

Local News.

6.35. Farmier Corner: Mr. H. C. Pawson on Factoring Stock. Poultry Notes
7 C. N. All C. F. Fred 18T. and NEWS
8 B. from Level
Mr. JOHN Edward Rev Footbal."

Request Night.

DOROTHY ROBSON (Soprano).

UNIN WINN (Solo Viole)

THE STATION ORCHESTRA

Condition, EDWARD CLARK

Orchestry.

John Dopn.

Screende "
Chant sabs Paroles ' Trank ' *** O' Caprice Viennois ' Acres '
Caprice Viennois ' Acres '
Caprice Viennois ' O' Cheestra.

Selection, " To Night a the Name ' Hubers March from " Pathetic Bymphony' To he kereky. Screnada **

Derothy Rousen
An Island Shieling 'Kennedy France (1)
O Peaceful England ' ('Merris England')
Ind')
John Dunn.
Serenade ' Gazande

Serenade " Gazand Serenade Espaguole " Chaminade Orchestra Petrie Sode de Concert"

Coleradge Taylor

" Poet and Peasant"

Local News. 10.0.—THE BAVOY BANDS. S.B. from

12.0 -Close down

ABERDEEN.

3.30, 5.0,...The Wireless Septet. John Cooper

Saritone). Formula Topica 5 30 6.0.—CHILDREN'S CORNER

0 40-7.0 —This Week's Interesting Amiricenary: "Thomas Usrlyla, born December 4th, 1795." (Prepared by John Sparke Karkland)

70 WEATHER FORECAST and NEWS S.H from London

S.H from London Mr. J MASSIK MILNE on "An Ascent of Ben Nevia." Local News.

Operatio Night.

NAN DONALDSON (Controlto)
THE "28D" OPERATIO CHOIR,
THE WIRELESS ORCHESTRA Conductor, ARTHUR COLLINGWOOD.

Selection, 'The Beggar's Opera " Austin (1) 7.30

7 40 Nan Donaldson ' sontle Flow ts, Las Yo There Gou lou

Orchestra. Selection, " Samson and Debich "

Same Same

Overture, "Tanaredi " Rossini

Orchoster

Chere Danies from "Nell Guyn German

WEATHI-B FOREL AST and NEWS

S.B. from London

Major L. R. TOSSWILL. & B. from London

Local News 10.0. THE SAVOY BANDS. S.B. from Lenden 12 0. Close down.

GLASGOW.

11 0-12.0 noon - Researed for " 58C'S" Radio 130 · c The Winness Quartet. El Gray (Soprano), Alternoon Topics.

5.48-0. CHILDREN'S CORNER

10.6.5. Wa her Forecast for Farmers.

10. WEATHER FORECAST and NEWS

8.B. from London.

Glasgow Budio Society Talk Local News

Dance Night.

Dases Night.

THE STATION ORCHESTRA

Conducted by ISAAC LOSOWSKY

TOM R NA.B. R R Base
DASIRL SEYMOUR (Tenor)
will sing the Churuses and Voca. Numbers

Orchestra
Dance Music.
Base Soles

"The Fishermen of Engend" M. Philopa
"An Ole English Love Bong "Allithers (1)
"The Tavern Song ".... Haward Fisher (1)
Orchestra

Orches ra Dance blung, Bass Sours.

"The March of the Unmeron Men." Compbell (25)

Request Remarce as a cong Transc succession What Hills Forder AST and MawS.

S.H from London.

Major L. R. TOSSWILL. S.B. from London.

Local News. 10.0 —THE SA SAVOY BANDS. S.B. from Landon

12.0. Ciose down

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Thursday's Programme.

2.45 4.35.—Fi ellis Howe (Some to reco

Zyl (Boss)

447 O. WOVEN'S HALF HOUR This Rev Africa Browney on The Wooder and Weds and of Katherine the Show 648 G.O. CHILDREN'S CORNER

5 18 G.O. CHILDREN'S CORNER

6 18 G.O. CHILDREN'S CO

2BD ABERDEEN. 495 M.
2.30-5.0. Popular Afternoon Processing Septet Supplier Mars (Fraterioner)
Forciums Topics Mass Marshall of

Forward Topics Alus Marshel of Cookery at Herne
Fig. co. c. III. RESCOUNTER &
6.30-5 46. Garla Guidey News Helician Sheriff
A. J. L. Laing, "A Message to Officers
and Staff Sergeonts in the Boys Brigade.
7.0-10-30.—Programme S.B. Jeon London

GLASGOW.

3.30 4 50.—Request Afternoon: The Wireless Quartet, W. F. Cornelius (Soio Dimenner). Quartet. W. F. Corneins (Soio Discinner).
Alternoon Top s. Mane: Framan on The Lore of Laro."
5.15-4.0. - CHILDREN S. CORNEP.
5.0. 4.5.—Weather Forecast for Farmers.

6.5 6.20.-Boy Scouts' and Girl Guiden' Bul

7.0.-WEATHER FORECAST and NEWS.

S.B. from Lundon Radio Society Tork. S.B. from Landon Mrs. HUGH SPENDER, S.B. from Landon.

Band NigM. THE BAND OF

HM GRENADIES GUARDS (By permassion of Col. B. N. Sergison Brooks, C.M.G., D.S.O.) Director of Masic, Lieut G. MILLER DOROTHY ROBSON (Soprano).

Dorwin Band

Band
Overture, "The Hobrides" ... Mendelsooks
Quele-step, "The British Legion" Bidgood
Luct, "Villancilo" Eca dell' Aegno
(Sorgt. D. MATTHEWS, Clarinot . Musen.
E. BOWEN, Flote.)
Two Meyements from Suite, "The Flanets"

8.5. Seprence Songs.

"Ask If You Databak Rose Hundel, are L. Lebell.

"Rut! Hist!" ("Made of the Mill.") Dr. Arnold (14)

Setection, "Les Cloches de Corpoville"

Two Movements from the Fifth Symphony Incidental Music to "Henry VIII "Sufficient

September Songs. Spring Waters " | Spring Waters " | 1 n | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | 1 m | Ruch and to be

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The Flowers of the Forest A. I me t
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Museco t (Cantinu d'in column 1, page 455.)

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The Broken-Hearted Composer.

The Story of Bizet's "Carmen."

A MONG the men whose memory is kept green by one achievement must be numbered Georges Bozet. For, though unlike "Sugle speech Hamilton" and "Our book Ball he did not exhaust homeof in a fight, but kept at a high level of production for years , practically his only known work in Carmon,

Carmen is based on one of the best known novels of Prosper Merimee, and it reached its final form after much travail by its composer It became as we know it largely through the exactinguess of Galli-Marie, the original Curmen.

An Exacting Prime-Donna.

Innuquerable were the alterations made in her part to suit her fastidious tastes. Two songs for her-one in the card playing scene in the mountains, and the other in the last act, just before her death—had to be cut out sitogether; and she virtually maisted upon scores of substitutions—a new song bere, a fresh hit of " business " there and so on.

At the outset, there was a song for her entrance

in the first act. As she u.l not approve of it, the composer supplied another, thich also was rejected. A third song met with the same fate; and so things went on.

Finally, she saked for something that would prodone a great effect, wheremen Bizet, tired though he was, wrote the Habadera, an arrangement of a Spanish air that he had come across some time before

The composer's troubles rehearsals were intermiled by the derman of the manager of the house-the Opers Comque, Paris-who, though he mounted the work splendidly, told everybody that the music was "Cochin-Chanese," and declared that he did not anderstand it.

The Slow March to Success,

Poor Bizet was consequently in a despondent mood when, on March 3rd, 1875, the curtain first rose on Carmen, and as

the ovening wore or, nothing occurred to heighten his spirits. The Habadera was certainly applauded frantically, the Toreador song—which the critics subsequently styled "banal"—also got a good reception, and several of the other numbers were more or less successful. But the opers, as a whole, was a failure, and it was with a heavy heart that Bizet left the theatre. Plunging into the night, he washed about Paris at random, not knowing or caring where he went, till the daws

Further sequentance with Corner did not make the public like it any better and after only thaty-seven representations it was with items in a note mostly to set as were meet with greater appreciation. Exactly three months after the first representation, he died to y, his end hastened, perhaps, by the fallure of his most ambitious work.

Strange as it is that Cormen, on its introduction, was received with apathy, it is et.l. more so that for years its merits were not adequately appromated anywhere, except in was to shift them to signe in October, 1875; but, after only thurteen

representations-"unlucky" number '-it was again withdrawn. In this country it was at hiless successful. For a long time, like Shakespeare, it "epcit failure," and only by the persevenance of managers, who, not from any love of art, but from a desire fully to exploit a work which they believed had great commerical possibilities, put it on the stage again and again, did the public recognize its dramatic and томет, свасти.

But hy degrees it ga ned popularity, and naturately those who had had the foreight to acquire performing rights, made fortunes out About 1888, Sir Augustus Harris bought the English rights for £1,500, and this speculation brought him a profit of £30,000.

The besated success of Carmen in this country was due in large part to Mapleson, who produced it at Her Majesty's Theatre after difficulties which had seemed many mountable. Campanin. returned the part of Don José, stating that he

could not think of undertaking it, as there was no romance in it, and the only love duet was one

The fight between Exemulio and Don José.

with the second lady. No less scornful was Del-Puerite, the barstone, who said that the part of Esemmilo must have been intended for one of the chorus, and that he declared it. Mine Valiona also threw up her part, suggesting that it should be given to one of the chorus.

Eventuarly, Mapleson persuaded the malcontents to attend a general rehearsal, when they all began to take a great famey to the reles which had been assigned to them. The rest was easy. Mapleson talked them round, and the result was a great success. Camponni subsequently become tamous as Don José.

Afterwards the astute manager gave a performance of Carmen under curious conditions. On a night when Adelini Patti was announced to ang in Food an intimation was received from her that she could not futfil her engagement. People were then streaming into Her Majesty s, and, sa Mapleson did not want to turn them away and close the theatre-for already there had been several disappointments during the season through the inability of sungers to appear—he informed them that he

would put on Cormon, and invited them to hear it as his guests, widing that their money would be returned on presentation of their tickets.

A free representation of Binet's opera, with Trebelli in the principal part, was accordingly given, and, by common consent, it was bril-hantly successful. In accordance with Mapleson's promise, moreover, the money received for the tickets for Fourt was duly refunded.

Ingenious Advertising

Perhaps, bowever, nothing did more to start Cornes on its career of prosperity than the way th was 'boomed" by Mapleson and other managers. One device they resorted to was to scatter small advertisements, cetensibly from private persons, among the London newspapers, offering for sale "two tickets for Carmen for Wednesday or some other night, thus conveying the impression that there was a fremen dous demand for seats to hear the opera

T. W WILKISSON.

["Cornen" will be broadcast on Manday, December 1st, and S.B. to all Stations, except Belfast. The following Synopsis will snable between to follow the opera set by act.]

ACT I.

THE square in Seville is alive with people -troopers and townsfolk-and more colour

is added to the already gay scene by the eighrette girls who work in a factory close by Carmen, a dark Spanish gypsy beauty, fearless, pas-sionate, and fickle, also employed at the factory enters the aquare and makes le e to Don José, but her alvance are repelled as fest as infatuated with Micaela, to whom he speaks when the eigarettic girls return to work

All at once, however, there is great commutton in the equare as Carmen in on im petnous moment has stambed. a fellow-worker, and it fare to Jose's lot to arrest her, but he succumbs to her attractions and allows her to

ACT II

Carmen recapes to Pastra's tavern, where abe is attracted. by Escamillo, a ball fighter. She cannot, however, forget Jusé, who comes to see her after his release from prison, when the tavern in exceed At the requese of no amuggiers she makes him

descrit, and lures him to the mountains as a recruit for the band.

ACT HE

In the mountain pass Carmen soon tires of Just, preferring the more adventurous Escamillo. The hand do ide that the moment has come for the conveyance of their contraband through the pass, and Bon José is posted on a rocky prominence to prevent any possible attack from the reac. Minaela visita the pass to speak with Jeed, but seeing him fire at an approaching figure and is frightened and hides. The other visitor turns out to be Escamillo, visiting Care . The two lovers then fight and Pseamillo is beaten. Unruffled, he leaves the camp, inviting all to attend his next hull fight in Sovillo

ACT IV.

It is the day of the bull-fight in Seville. Escara lo is the hero of the hour and Carmen awa s outside the arena for his return

Don José, however, in a frenzy of poalousy stabe her in the back. Escamillo returns to had Carmen dead.

Music and Noise—The Difference.

The Wonder of Sound Waves. By Sir WILLIAM BRAGG, F.R.S.*

CHRIAIN sounds and certain success one of which was in the first place a means of obtaining and communicating intelligence has become subsequently, as we may suppose, a means of

giving pleasure through our sense of music. If we ask correlves what it is that makes the afference between a sound in its most general form and that particular kind of sound which ny se n me we need not be very long a arriving at an answer. We find that the musical sound consists of fremore that succeed one another with perfect regularity, as the waves of the open sea appear to do when one looks down upon them from a height. But a mere nouse would correspond rather to the lossing of the waters in the capids of a river, where no regularity is to be seen. We find, too, that whenever we hear a regular disturbance of this sort, we can assign a pitch to the corresponding sound. It does not matter in the least how the tremons in the air are caused; all that is neces-sary is that they shall be repeated regularly and with proper frequency.

Pulses in the Air.

Suppose I were to wave my hand in front of a microphone. In doing so, I should start a palse in the sir which would sweep over the microphone and through the room; neither you nor I would hear anything, however.

Suppose I were to repeat the wave of my hand at regular intervals, the pulses in the air would s -e l one another with equal regularity, and we should be realizing one of the conditions tal to the making of musical sound of definite pitch. It would still, however, he mandible as such, because the pulses do not sucreed one another with sufficient frequency I simply cannot move my hand fast enough; it would have to be moved about twenty times a second. If that could be done, your ears would near a deep booming note, very loud indeed if the wave of the hand were anything like as big as we should naturally picture it. And if I could wave my hand faster and faster still, the note would stead by rise in pitch, as we say,

The Secret of the Tomog-Fork.
Of course, F cannot move my hand fast enough; but it is easy to find something close which will wave to and fro sufficiently fast. I have a tuning-fork mounted on a box of proper size. When I draw the bow of a 'cello across the prouga of the fork, it sounds loudly. What is happening is that the prongs awing in and out, towards and away from each other, and they keep it up for a long time. At each aw ne a punc runs away into the air, and it is because hese pulses succeed one another so regularives and at such an unchanging rate that the note is so steady and fades only slowly away.

Our Murical Cravings.

The note has a certain pitch, of course; it is nearly that of the middle B on the piane. The important point is that it has a pitch because the number of pulses which it sends out into the air every second is quite definite; as a matter of fact, it is 256. It is also most Important to realize that the particular pitch which we recognize is always connected with that number.

Think of any way you please, no matter how lantastic, by which pulses can be given in regular succession to the air, and you have a source of some if a new pitch. If I could only with the image a second, you would hear the note of the fork.

When, therefore, we look round for our venient means of producing sounds of definite pitch, In order to satisfy our craving to make music, we look, in fact, for objects which we can set into vibration, which will keep up the movement for a asterfactory time and will at each vibration send out a satute-torily large pulse into the air Of all possible means man-aind has by common consent chosen two as the most suitable: they are the stretched string and the column of sir.

Almost Stient Strange.

When a string is stretched tightly, it vibrates to and fro if plucked to one side, as in the harp and lyre, and also when the bow is drawn across it, as in the violin. It is too thin in steelf to cause much disturbance; when we listen to a stringed instrument it is not the strings themselves that we hear directly, but the sounding loand on which they are mounted The vibration of the string of the violin is communicated to the body, and this being a broad surface, launches out a sufficient polsation.

If a string is hung from a stout bracket fastened to a wall, and is loaded with a beavy weight, it can be made to vibrate, but it will give out little sound. It is because the body of the violin gives the pulses to the air, and because its form and nature affect the quasity of the vibrations, which really come from the string, that the body must be made most carefully, and a first class violiti is a great treasure.

The Ear's Chosen.

The note of the string goes up in pitch if it is stretched more tunity, or if it is shortened, which possibilities give a wide range to its use. The violin player uses the first method of astering the note when he tunes his instrument, and the second when he plays on it.

The column of air in the organ pipe, or flute, is set into vibration by blowing across the mouth; the exact manner in which this blowing succeeds in its purpose is a little too long to discuss now. The main point is that as the air in the tube vibrates it pours in and out of an open end of the tube, and each I me it does so it sets off a pulse into the s

Now, suppose we have found out bow to make sounds that are of definite pitch, that we have decided to me strings, or pipes of some kind, or it may be some other convenient mechanism, want is he next point to be considered? How many strings do we want, and what shall be their pitch ?

Combining the Notes. We ourselver, in common with many other European nations, have decided that we like a combination made up in the following way. We take a note of given puch as starting point: it is the keynote, We take another note of higher pitch, which we call the octave, what that note is, is a matter of ear. You cannot describe it to anyone; you can merely say: "This is what I mean by an octave,"

Having, let us eay, fitted two strings into the instrument we are making, and tuned them so as to be the octave of each other, we then put in six more strings between those two, of inter-mediate pitch. These also are chosen by car: one can only say in the first place, this is our practice, this is what we like. We then add higher and lower octaves to our satisfaction.

Now, we saw that a note of given pitch is a note produced in the ear by the receipt of a certain number of pulses every second, which we may call the vibration number. The first tuning fork which we used gave 256 pulses a second, the number is easily determined by methods which are commonly to be found in a physical laboratory. When we measure in the same way the vibration number of all the other notes we have chosen, by ear, for our scale, we me across a very famous and interesting 🕶

of rules. In the first place, the upper note of the pair which we say are an octave apart has a vibration number exactly twee that of the lower, this is true of any such pair, not mercy of the two tuning forks we have already uses.

And similarly numerical relations hold for all the other notes. For flutance, the interest which musicians call the lifth requires the upper note to have a vibration number half as large again as that of the lower. If the lower is 25%, the upper is 384. I have tuning-forks giving both these numbers, sad when I sound them together you will recognize that they stand to one another as C to G in the ecole of C. Another of the notes which we demand by nar is found to have a quarter as many more vibrations to the second as the fundamental. I have that also, and when I sound all the four forks I have mentioned, we have the major chord,

The Singing Cogs.

I have also another device for showing there number relations. It is a small electric motor to the axis of which are mounted a number of rogged wheels in a row. When I press a card against the com of one of the revolving wheels, it flaps from 130th to touth and you hear a bank note, the pitch of which is determined by the number of seeth that hit the card in a second The numbers of teeth on the wheels are proportional to the vibration numbers of the notes of the scale. So when I put the eard to the wheels in turn, the sound goes up the scale. It does not matter how fast the motor goes, the notes are always in the right relation to each other, no matter how much they change m absolute patch.

Rules that are Disobeyed.
Although the various notes of our scale can be defined as perfectly, we do not obey the rules exactly. In fact, we deliberately disoboy them . so that it may just be said that the piane and her keyed instruments are never in tune This is because in the constraint modern music, demands that it shall be possible to play in many different keys on the same instrument. and we have to make the same notes play many parts. It is impossible to make them do so exactly, because the laws of arithmetic forbid it, and we have to overlook the consequent errors. Many of us do not possess care that can distinguish the errors, which are small, and others who are more sausical have become accustomed to them. But it is easy to show the necessary existence of the error, both by

theory and in practice,

Instruments Hover in Tone. As regards the former, let us take the note 256 and call it C. The rule of the scales tells un that the next note, D, should then have a vibration number larger by one righth of 256, that is 256—32, or 288. Now suppose we want to make D the key note, as we often do. Then the next note, E, should have a vibration larger than 288 by one eight of 288, i.e., by 36, the vibration number of E should be 324.

But regarding E as the major third of C, its vibration number should be one quarter more than 256, the vibration number of $C_{\rm L}$ this is the r per rule. Now one quarter of 250 is 64, and so E, if it is the third note from C should have the vibration number 256-64, or 320; whereas, if it is regarded as the second note from D. it should be 324, and we cannot satisfy both requirements. We solve the problem in practice by a system of splitting differences, which means that keyed instruments are never quite in tone,

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9 SO.—WEATHER FORECAST and S.B. from London.
Sr. GEORGE NEWMAN S. London. Local New 10.5.—Statum Director's Taik.
10 15 (approx.). Abre McLauchlan. Thurs's Nas Luck About the Hoose? Scottish by A. I Fisher

10 30x-Close down

SATURDAY, December &k.
3.0-4.0.— The Stagion Functoria Trio.
5.0-6.0.—CHILDREN S CORNER
7.0-12 0. Programme S.B. from London.

Dundee Programme. ZDE 331 M.

Week Beginning Sunday, November 30th.

SUNDAY, November 30th 3.0 5.30,—Programme S.B. from London 8.30-10.40, Programme S.B. from Clasgon

MONDAY, December Ist. 3.36 ° 0.— Music relayed from Kumard Boll. 5.0 5.15. WOMEN'S TO ACS. 5. 5.6 a. c. 3.LDREN'S CORNER 7.0-11 0. Programme S.B. from London

TUESDAY, December 2nd.
5-15-60 - HE POLEN & CORNER
7-0-8-60. Programme 8-B. from London
8-50-10.5.—Programme 8-B. from Clargue
10.5-10.30.—Programme 8-B. from London

WEDNESDAY, December 3rd.

5.30 S.O.—Orchestral and Organ Music, relayed from Rumand Hall.

5.0-5.15. WOMEN'S TOPICS.

5.15-6.0. CHILDREN'S CORNER.

7.30-9.0.—Programme S.B. from Glasgow.

9.0-21.0.—Programme S.B. from London.

THURSDAY, December 4th, and SATURDAY,

December 6th
5.16-6.0.—CHILDREA × (CENTR
7.0 onwards.—Programme S.B. from London.

FRIDAY, December 5th. 3.36-4.30. Orchestral Music, relayed from Kin-1.30-4.30. Orchestral Music, relayed from Kantot rd Hu.
5.0 5.15.—WOMEN 8 TOPICS.
5.5 6.6. HULLIENS CORNER
5.1. WEATHER FORECAST and NEWS.
5.8. from London.
G. A. ATKANSON S. B. from London.
Lond News.

MARY MORRISON (Segrand) Under the Leaderd p of Pipe Major John McKenzie.

Pigers 7 80. March. "The Blue Bonners Over the F1 45E

Stratispey, "Surling Castle
Roel, "Reef of Todoch."

7 40. Soprano Songa

Braw Braw Luis

"Co.ma "Thro" the Rye",

"Joins Anderson, My Ja"....}

7 50. Scota Reneurg

"The Depostation" " W Great Stevenson
Ball Baritone Bongs.

"Cata Ye By Athal." " MacGregor's Gathering" Alex Lee (
8.10. Pipers.
8 20. South Reading
Saunders McCleaban's Courtshap " Agen

Saunders Mrteleshan's Courtelap " Anon

Kon Rolling Barris Me Lamb Volume March Me Lamb Me Lam

Ma New Lum Hat 5 16 Pipera. Pipera.
Baritous Sungs.
My Love is Lake a Red, Red Ross." " Joek o' Hazoniean G + V F - 4 2 .

9 10 WEATHER FORECAST and NEWS

S. R. Seat. Long. 6.
S. C. F. Sh. F. N. F. V. M. A.N. S. B. Jeon. Lon-don. Lagar News. Pipers.
Scota Reading
Wee Johnste Paterson " W G. Stevenson

Wee Johane Paterion "If G Stevenson 10.20, Pipers March, "Drunken Piper."
Strathspay, "Maggis Lameron.
Real, High Way to Los Man, Secretal Secretary Mass Drunker and of Pert. Real, "The Words that Shake the Barley."

10.20 — Class down. 10.30.-Close down.

Edinburgh Programme. 328 M.

Week Beginning Sanday, November 30th.

SUNDAY, November 30th.

3.0 5.30.—Programme S.R. from London.

8 30-0.—The Very Rev. J. N. OG)LVIE.
D.D., Convener of the Church of Best and Foreign Mission Gorouttee; Religious Address. Hymns by the Chair.

9.6-10-40.—Programme S.R. from London.

MONDAY, December 1st 3.0 4.0 - The State Proposition Prop. 5.0 6.5 CUILD GANS CORNER

7 0 7 15.—Programme S.B. from London 7 15 7 30 Mr. JAMES PATERSON, B.S.A., P.R.S.W., R.W.B., on "Approximation to

Art." (4). Local News.
7 30 "CARMEN" S.S. Jeon London.
9 30. WEATHER FORECAST and NEWS S.B. from London. Prof. ALFXANDER FINDLAY. S.B.

from Abredeen. Local News. 10.0-11.0.—THE SAVOY BANDS. S.B. from London.

TUESDAY, December 2nd.

3.0 40. The Sta stat Processor Less.
5.0-d.0. CHILDRENS CORNER
6.40-6.55.—Mr. B. Mortumer Batten, F.Z.S.,
"The Life-Story of a Pike" (1).
7.0-8.50.—Programme S.B. from Landon,
8.50-10-25.—Programme S.B. from Glangow.

WEDNESDAY, December 3rd. 3.0-2.30, Talk to Country Semants Mr. J. C. SWATH MA (of the Section House) of the

We be 3 to 4.0.—The Station Francforte Trice of 0.—CHILD IN S COUNTRY at 40-6.5.—Miss Resulting Mazzon on "R. L. Sevenson." (Stevenson died December 3rd, 1894.) S.R to Clargets and Belfast 7.0-11.0.—Programme S.B. from Landon.

THURSDAY, December 4th. COLUMN STATE OF THE STATE OF TH 7 O. 10 30. Programm S I Proc. I and 10 30-11 30. "RC MANY REVELLERS. From the Discount Pales de Danse.

FRIDAY, December 5th

3,0-3,15. 3,45-4.0. The Station Planoforte Trio. 3 15-3.45 .- Talk to Schools : Prof. H. J. C.

3.95.— Take to Schools: Froi. R. J. C.
RIF 4808 LL.D. Latt D. on Thomas
Carlyle, (Horn December 4th, 1795.)
L. cychastra Lecture-Concert for School
Chadern, relayed from the Usher Hall.
C. C.H., 14 U.S. C.C. N.F.R.
We VII L.L. C. EX AST. R. L. NEWS.

A VIN NS IN S B from Leanur. Land N we

Vocal and Instrumental Recitat,

(Anniversary of the death of Mozart, (Amererary of the death of Mozart, Recomber 5th, 1791)

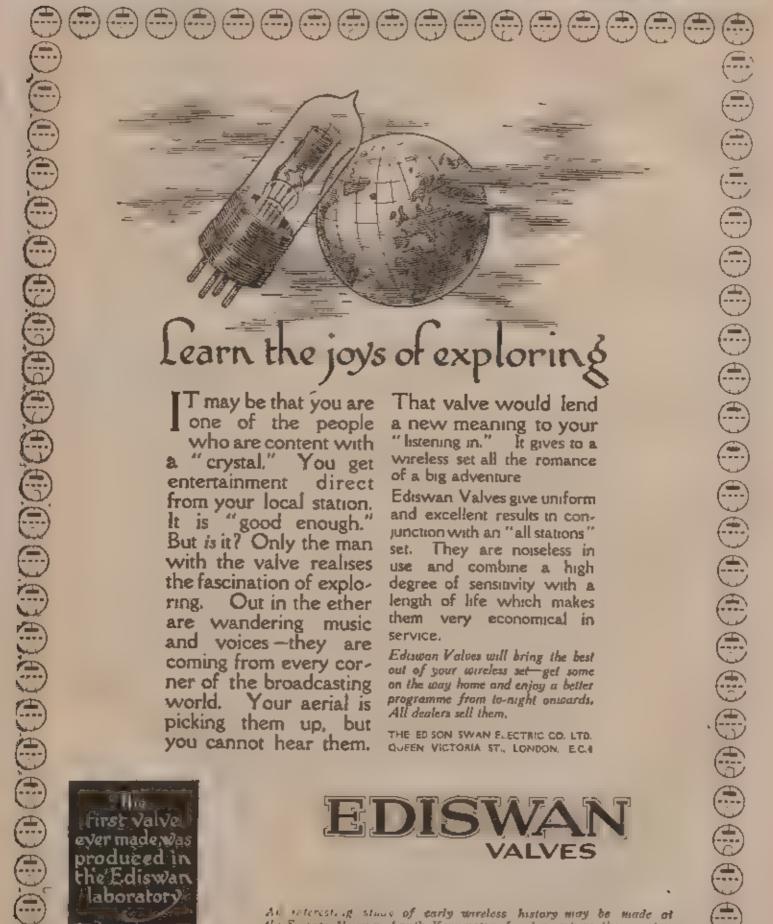
ALICE McLAUCHLAN (Contratto), JEAN MARCEL (Solo Volencelto), REGINALD WHITEHEAD (Bees),

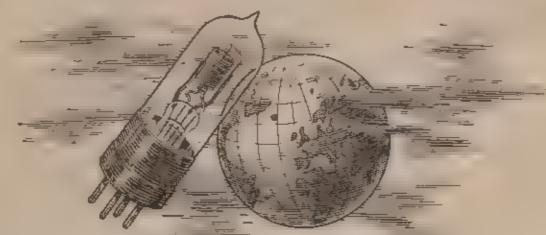
Alice McLauchla, "U Fotal Gift" ("Don Carlos") ... Virida Jean Mores.

Sociata is A Major Samonost in Samo.

Regionald Whitehead.

(Continued in col. 1)





T may be that you are one of the people Who are content with crystal," You get entertainment direct from your local station. It is "good enough." But is it? Only the man with the valve realises the fascination of explo-Out in the ether ring. are wandering music and voices—they are coming from every corner of the broadcasting Your aerial is world. picking them up, you cannot hear them.

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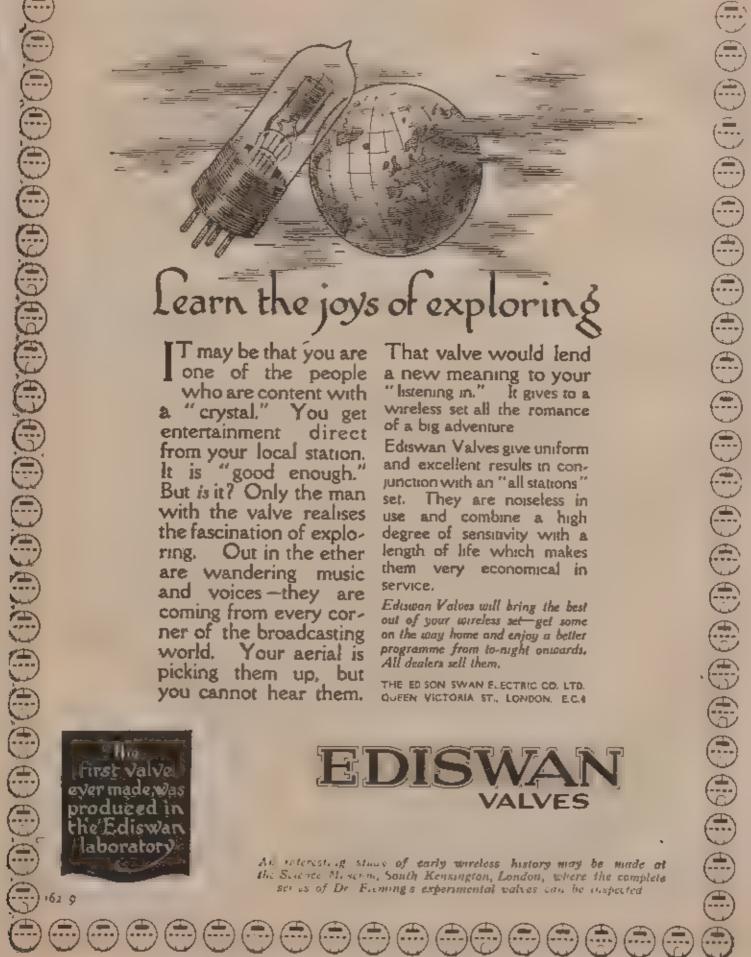
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At interesting stance of early wireless history may be made of the Science Miscom, South Kensington, London, where the complete ser is of Dr. Firming's experimental valves can be inspected



Hull Programme.

6KH 335 M. Week Beginning Sunday, November 30th.

SUNDAY, November 30th. 8.30-10.40. Programmes S.B. from London.

MONDAY, December 1st, and WEDNESDAY, December 3rd

30-3.90. Robert A. Jackson and his Orchestra.
40-4.30. Robert A. Jackson and his Orchestra.
50-40. WOMEN S. HALF HOUR.
50-41. Interest S. Convers.
45 Boy Scouts' Talk. Dec 3rd
7.0-21 0.—Programsis S. B. from London

TUESDAY, December 2nd, THURSDAY, December 4th, and SATURDAY, December 4th. 3 0 3.30 | Chance Prop 3 | Dance Colors ra 4.0 4.30 | relayed from the first lare 2.30-4.0. WOMEN = 1 \(\frac{1}{2}\) | 1 \(\frac{1}{2}\) | 0 \(\frac{1}{2}\) | CHI \(\frac{1}{2}\) \(\frac{1}{2}\) | \(\frac{1}{2

FRIDAY, December 5th.

3.6 3.50. Bobert A. Jackrein and his Orchestra. 3 30 40. WOMEN'S BALF HOUR 1 0 5 FOLDHEN'S COLNER. 7 0 W ATE R FORECAST and NEWS. O. A. ATKINSON. S B. from London

Wolfgang Amadeus Mozart.

HALDA DAVE IS SALON ORC FS
FRA AND PLANOFORTE QUART 1

The David Control of the C

The Ordinates.

" " " " " " " " The Mag:

Variations in F Muser
Alse o and Alegretto from Sonar

The Orchestra.
The "Jupiter" Symphons, let Movement
Doro hy Yorks
Asia from the Opera, " B of Pasters,"

La merco
La merco
Victor non Turdar (* (* The Mage of Figaso (*)
Quertet
Quertet

Quartet in G Minne, 1st Movement

A nat Separazione e Speranza Fianolocte Solos Fantsasa in C Moroi The Grele en Roses.

4 + 11

de a Pm (" The Marriage of Figure ")

Di remy Yorke. Vedent Cartin (**) (** Don Ginvanna**)

Batta Batta (**) (** Don Ginvanna**)

The On texture

(From Divertiments in D.

Minusts (From Symptony Wo. 39 in B. Flat

A TO A MARKET THE STATE OF THE

for a country No VVIV S.B. Front

Legent Nowas . B. from London. If 30 Close dow



The New Brown Type Q

WHILE to many the Brown Type HI (or the smaller H2) fulfils all the requirements for a Loud Speaker with unapproachable purity and volume at a moderate price, yet there are quite a number of Wireless enthusiasts who are destrous of a more huxurious instrument quite irrespective of initial cost.

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Of pleasing proportions and symmetrical shape it incorporates a number of entirely new features. For instance, its two-piece sound conduit is a massive aluminium casting, com-bined with a mahogany flor. Both are highly polished the latter being turned by hand by skilled wood craftsmen. Not only is the new Brown horn most beautiful to the eye. but its smoothness and scientifically correct design is responsible for an even greater volume without the slightest trace of harshness. A good Loud Speakerlike a prano is an investment which cap give much pleasure. Therefore, choose the best you can afford

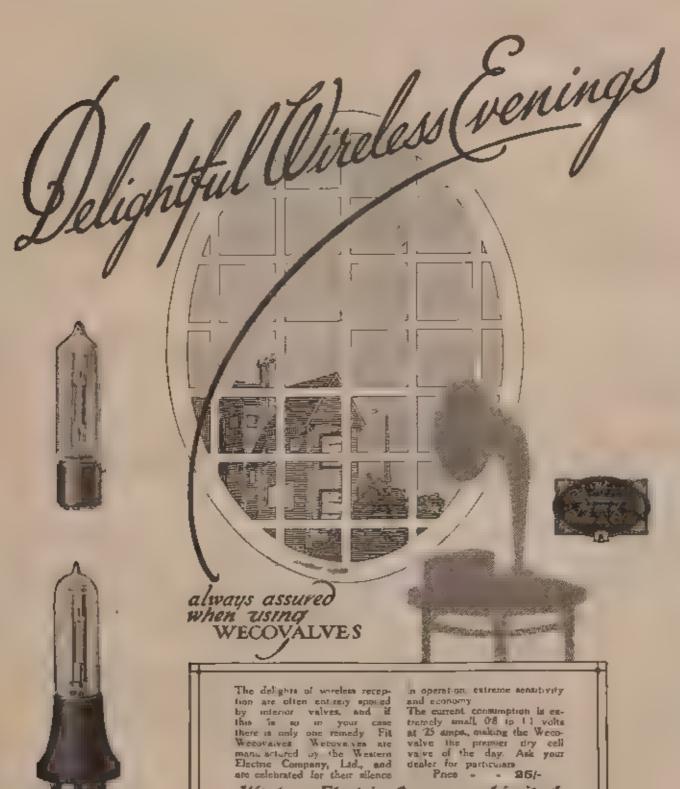
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Seathampton, Liverpool, Dublip.

Leeds—Bradford Programme.

346-310 M. Week Beginning Sunday, November 30th.

SUNDAY, November 19th.

S 3) Ir 41 Programm & S B from Louten.

MONDAY, December 1st, and SATURDAY, December 6th

2 vs 3. 5 The Ten under he Diese

7.0 onwards.—Programma S.B from London

TUESDAY, Dec 2nd, and THURSDAY, Dec. 4thto a real of Theat Roya Chema,

1 182 | Bright of the Bolk of the Bolk

7 6-10 30.-Programme S.B. from London.

WEDNESDAY, December 3rd.

2.30-4.30 - Beresley Chant and his Orchestra. rulayed from the Tower Picture House,

7 12 7 5 HILDREN'S CORNER 7 FILE Programs SH from Landon.

FRIDAY, December 5th

130 + 40 B - s h accel of Orchec ro.

15 1 N S CORNER.

0. WEATHER FOLER AST and NEWS.

WEATHER FORCE AND SER from Lander.

VATE NSON SER from Lander.

Later No. 10 LIGHT ORCHESTRA

Later the Dr. Co. (CTV IN SMITH

1 NAT LOOK Sea

PISTAN NO. 1 CO. 1 W TO NOUN that Both Clark to DALEY (Flore),

Orches es

March, 'London S.

Paraphrase L. b.

Love to W. a.

Let Home to b. Unran.

Name to the form 7.40.

By we Brack to see 1 ST 3 11 102

Focata R white a we When the Swit was H in wird Fly Mr a Three My What (get Soon + Frank Bridge

Puck and a Sang (gel Scon + Lea New A Reng | Frank Bendy | 1.00.43

Once Again 1 | Once S | Suffered (1) |
1 | Pitch My Lonely Caravan | Once S |
8.28 | Cremany | Conces |
8.28 | Three Engos | Detail Reger Quilter (1) |
8.37 | In a Bhor | W Sandenson (1) |
1 | The Lasa was in the Indicate Air | Africate Art |
8.47 | Caravan | Caravan | Caravan | Sanden |
8.49 | Caravan | Caravan | Caravan | Sanden |
8.40 | Caravan | Caravan | Caravan | Caravan |
8.40 | Caravan | Caravan | Caravan | Caravan |
8.41 | Caravan | Caravan | Caravan | Caravan |
8.42 | Caravan | Caravan | Caravan | Caravan |
8.43 | Caravan | Caravan | Caravan | Caravan |
8.44 | Caravan | Caravan | Caravan | Caravan |
8.45 | Caravan | Caravan | Caravan | Caravan |
8.46 | Caravan | Carav



Those Mullard H.F. and L.F. valves make such a wonderful difference. You could almost thank them for the splendid enjoyment they give.

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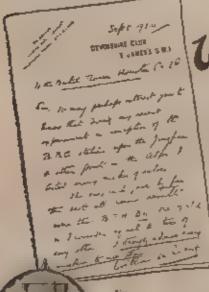
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TO THE PROPERTY OF THE PROPERT



Liverpool Programme.

6LV 315 M.

Week Beginning Sunday, November 30th.

o to 40. Programme S.B. from Lour v.

MONDAY, December 1st
130-4.30. And and his Orchostra, relayed
130-4.15. And And his Orchostra, relayed
130-4.15. And And And And Andrew
1-30-4.15. Programme S.B. from Landon.

TUESDAY, December 2nd.

11 30 12.30. Mulday Concert
The "State Brighter Liverpool" Bond, relayed from the State Unit 5 30 6.15. CHILDREN'S CORNER 7.0-10.30.—Programme S.B. from Landon

WEDNESDAY, December 3rd.
3 30 4 30. Gu ard and his Ocches m
30 6.5. CHILDREN'S CORNED.
50 1 1 Programme S.B. from London.

THURSDAY, December 4th
3 30-4 30. Gos bard and list On less ca,
50-6.15. CHILDREN'S CORNES.
7 0-10.30.—Programme S.B. from Landon.

FRIDAY, December 5th
3 :5-3 35. Educational transmissions

Schools.

Schools.

40 *) be "State Brighter Liverpool" Band.

30 * 15 F. DREN'S CORNER.

WEATHER FORELAST and NEWS.

S. H. from Landon
A. K. N. C. S. B. from London. Local News.

7.50. Orehostra.
Consely Overture ... Alfred Selton
7.40. Contraite Sengs
When I Grow Old "Frederick Notices In the No More " I have the No More than Senge (Wich String Quartet Accompanionent Once and There Was a Young Sador" ... Note the Barent" Press of the North No. 19 No. 2 West Barent " Press of the North No. 2 No.

Solo Violin - FRED BROWN 1

Contracto Se = 4 Song of the Rose " (5 ags in Sun and Tennaldic Tenne" ((Lave Songs (Frederick O Swallow"......) of Tennyson) Nacholis Accompanist FREDER CK NICHO Is Stanbury and Harry. In Original Song and Homour

Sime, "The Joy of Life"

30 WENTH R FORELAST and NEWS.
S.B. from Leave.
See GEORGE NEWMAN S.B. from
Low for Bottler Sungs.

6.0.
See of Acade?

O.O. Harton Song of Anarton Norman Peteckin The Galliage Orchestra

130.-Clase down

SATURDAY, December 5th,
10-4 - Gallerd and his Orelessini.
10-4 - Gallerd and his Orelessini.
10-4 - CHILDREN S CORNER.
10-4 - Programme S.B. from London,



The Secret

Magicians and Sorcerers had their "Secrets of Healing," and "Secrets of Success," which they would dispense for a consideration, but in these less romantic times success is more apt to be won on sheer merit.

Take the case of the Louden Valve. Four months ago it was unheard of-to-day there are thousands of enthusiastic "slaves of the lamp" who will never go back to the old type of valve. Why? Well, because however you consider the Louden Valve it is a sound investment.

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Louden Valves - Silver Clear

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The Idea Kamaly Serves.

BABY sits intently watching young Bill tuning up the receiver. He finds it mighty hard not to take up a roving commission among the shining acces-

sories. He wonders devoutly to himself why Brother Bill should find it necessary to become involved in a mass of tangled wire and mutter whole-heartedly to himself. But he knows just what it will mean to him. In a little while the Table-Talker will speak easily and naturally of the many phantasies of his youthful imagination. Fascinated by the burnished discs and metal "Matched Tone" Headphones, he will be able to place them on his tender head with their gentle comfort, and listen to the sweet bell-like notes.

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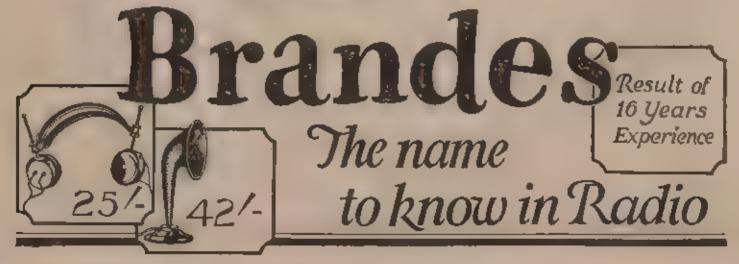
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Park Table Zerre and Tables on type of the park of the



British Manufacture R.B.C. Stamped.



Nottingham Programme.

5NG 322 M.

Week Beginning Sunday, November 30th.

SUNDAY, November 30th Landon

5 30 D.O. The Rt Rev The LORD BISHOP OF WINCHLETTR, S.E. from Bourne

9.0. 10.40. Programme S B. from London

MONDAY, Dec. 1st. and THURSDAY, Dec. 4th. 3 30-4 30. Scala Picture Theatre Oregestra, 6 15 6.0.—4 HILDREN'S CORNER,

6 40-6.55 Soute Corner (Dec. 4th) 10 onwards Programme S.B. from London.

TUESDAY, Dec. 2nd & WEDNESDAY, Doc. 3rd. 11.50-12.30.—Gramophone Records (Dec. 3rd 3.30-4.30.—Lyons Café Orchestra : Conductor,

5.5 + 7 + 0.11 + 8 CORNER. 6.6 6.18.—Teens Corner. 7.0 conwards.—Programme S.B. from London.

FRIDAY, December 5th.

3 30-4.30. Lyons' Cafe Orenostra 5 15-6.0. CHILDREN'S CORNER.

0-6.15. Toons' Corner L-WEATHER FORFCAST and NEWS.

S.R. from Lord ...

C. A. ATKINSON. S.B. from London.

C. Concert.—Humas contributed

DORIS CAHTER (Soprano).

LADYS JONES (Concarte).

FREDERICK MOUNTREY (Solo Vicing).
1-1 WARD LIVEING (Story teller).
2 do 1-34 Programme S.B from Landon.

SATURDAY, December 6th.

Wittiom Turoer's 19th Annual Concert.

Willow Teregr's 19th Annual Cowcert.

Relayed from the Albert Half Nethingham

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For HA Share Share Share

For HA Share Share

For HA Share Share

For HA Share Share

For HA Share Share

For Half Share Share Chora

For Samp To Rumroses Filed with

Morning Dev" - Edmands (10)

Boss Song.

Boss Seng.

Il Lacerate Sprite " Verda Violoncelle Selu.

Fact Songs.

The Swallow Leaves Her Nest." Hold (2)

The Spanish Gypsy Out." ... Losses (2)

Soprana Song.

Bass Bungs,

The Harp Player "
The Beminarist".

The Beminarist".

The Song, "A Bird in Hand" Rockel (5)

Fhitharmonic Society.

Awake, Awake "

The Virgin's Stumber Song.

At the Welt "

Harden Roger"

At the Welt "

Harden Roger"

has stops, to and Locate The Part Locate Anno Wishers Wishers Bolon. Flynni

Do so Cros . Se man m 1 t 14 to man h man

Love " Last We also be ore H Hughes

Part Save, I W is Party 1 , 2010 S B. from London,



The New Super-One.

Homer mandy the last water season well on its any And any a Lellows set to help it along

It seems as if the Super-One is just going to meet the popular demand, too. The crystal enthusiasts of last year are rapidly becoming the valve experts of this. And when they ve seen my new set they won't take long to become enthusiasts as we a

Even I, who expected it, was quite enthusiastic about its performance. I sat in my house in London with my Lightweight Headphones on and heard Birmingham comfortably. And when I fitted the Amplifier, aLO came in nicely on my Junior Loud Speaker. A good aerial and earth of course but not a bad performance all the same, and the reproduction was perfect

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Superhelerodyne and its teernt development by Fown H. Armstrong the great over or time!

Mr. Harris Editor of THE WIRE-LESS CONSTRUCTOR, also contributes a very interest ar constructional article on a new 3 valve set. Mr. J. B. Barber has an article of great interest draling by his bose-Coupled Since valve set while Mr. A. D. Cowper M.S. contributes a very special article on reception on he in Short Wases a new storygoing field at work almost tinknown to makes.

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By JOHN SCOTT TAGGART, Edward, A.M.LE.E.

A Roberto Recuver for Play in Colle-By Purcy W. Harris.

A Home 3 Valve Regaisser.
By E Redpoth.
A 2 Valve Power Amplities.
By John Underdown

By John Underdown

A New Dough of Crystal SelBy Stanley G. Raston, M.J.R.E.

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By Coot L F Muses. B.Se., F.R.As.S. F.R.Mot.S.

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Plymouth Programme. 5PY 335 M.

Week Beginning Sunday, November 30th.

2 0 5.30 SUNDAY, November 10th. 2 0 5.30 1 8.30 10.40. Programmes S.B. from London.

MONDAY, December 1st, TUESDAY, December 2nd, and WEDNESDAY, December 3rd.

200-4.30 Eruset Manning and his Orenestra, reserved from the New Passidium Charme, Vocalust, Dorothy Lincoln (Soprane).

5 30 5 30. -CHILDREN'S CORNER. 7.0 campeds. Programme S.B from London

THURSDAY, December 4th, and SATURDAY, December 6th

4,0 5.6 Albert Fulurouke and his Too, relayed from the Boyal Bore

4.30 JUNE CHILDREN'S CORNER 5 6 anwards .- Programme S.B. from London

FRIDAY, December 5th.

3" 4.0. Taks to Schools.

Mr C P DYMOND MA, "History"

Mr W P, WELKES, ARAM, "The

Appreciation of Mr a

Albert Fulbrooke and as Trio relayed from the Revas Here.

5.30 (13) CUILDREN'S CORNER VEATABLE FORECAST and XFW5 V.H. fom Lo. d. G. A. ATKINSON. S.B. from Lordan. Local News.

Operatic Night. ALICE LAKIN (Contralto, ARTHUR MARTEN (Tomor) DAND OF HIM ROYAL MARINES

(PLYMOLTH PAVISION
By permason of Fol Chem. P. C. Edwards
and Officers P. M.)
Director of Mo.

Lind P S. G. ODUNNELL MVO.

Tao Sand The Band
(1 or we Post for School Sch

The Bond.

South Comme Bu et 4 70 000 000 00 The Lanc Day Curitier (
Art is Marry

"La Donna & Morsila" (
Rigoletto")

For

"Ah, Moon of My Delight" (In a Person Garden") Lees Lebouron Garden ") T to Bond

Missame Pompadour Lea Fall . Hirrch

Half at Ho rade by CASSUS.

JORN HENRY (Entertainer).

A tes Laken.

Recit. and Aria, "Che faro " ("Orfeo")

(With Orehestral Accompaniment)
"Danny Boy (Old Londonderry Air) ore Beatherly (1) 9.30 WEATHER FORECAST and NEWS.

SR from Lando Sur GEORGE NEWMAN SB. from London

Lord News Arthur Marten.
"On With the Motory" ("I Pegi wer)

"Mody Morgan Song Cycle Eight Bal-unett's, Herbert Otter (8)

John Henry The Band 10.10. Sciention, "The Total of Hoffmann" Offenbach

10.00 Cines down.



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YEAR ago Continental Broad conting, as received in this country, was more a matter for the experimenter. But to-day a great change has been wrought. New Stations in every European country are springing up almost overnight! Sprendid pro-grammes are now available for all who will take the trouble to equip themselves for it. From Scandinavia to Spain the ether is alive-take advantage of it.

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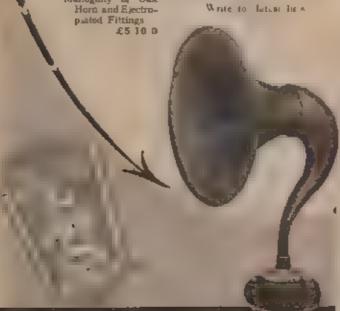
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FRIDAY, Decumber 5th

Popular Night.

FAA DA TS C PS

[EUNAID PEB 1078 Pn 102a). HARRY SKEPROUT MARPL BAK R (Soprano)

RALIM N. H. L.W. | T. C.N. (Se to Charact | Sec. of the Charact | Sec. of the Character | Sec. of the

Harry Skerritt and Leonard Roberts.

Duet, "The Battle Eve", Then Bookeur Clarinet S. c.

in r in " Various Backetrds

Fan Roberts.

Beloved, It la Mern." ... F. Aglarad

H. S. C. Harry J. L. F. Aglarad

"Love's Old Sweet Song" Multay (1 Clarinet Solor

trans Sork } W Y. Hurlatone

Harry Skerntr

Ins. For Barker (1)

Mother of M ne Frank E Tours

Sigh No More

Harry Skerntr and Main Page (1)

Frank E Tours

"The Miserers Scotte Fordt (11)
Saxophone So os.
F. What Alic. "Le Cyano Saint Sacos

Handrake Mahel Baser . Dennt

Mahel Baser
Traditional Bongs.
End Roberts.

* Sirk Rod St., Treas del Ringo
A: Onl bash men form. Squire (1)
Li., Sax dans St. Sanderson (1)
Sax dans St. St. Ledward (1)
R F : The Lee y Wigner (Edward (1)
Sax dans St. St. Roberts.

P. F. The FEE y Wages | Edward to |
San San | Roberts | Rorral |
Leonara Roberts | The Harral |
Star of Eve | The Horder Builded | F. H. Court | 1;
0 30 | WEATHER FORECAST and NEWS |
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Bir GEORGE NEW MAN | S. B. from London |
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London Local News.

Horry Skernit

* Song of Thanksgiving ", F Allitsen (1
Harry Skernit and Leonard Roberte
Dust, "Watchinan, What Of the Night?"

" Two Gentlemen of Tore " Goiffrey Mayne 10 30.-Close down.

SATURDAY, December 6th

\$ 50 4 30 | I regionate S.B. from Manchester, 5.6-5.30 | WOMEN S. I AL. HOUR. 1.50-6.30, "CHILDREN'S CONTR.

7.0.—Programme S.B. from London,
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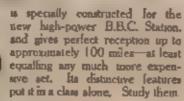
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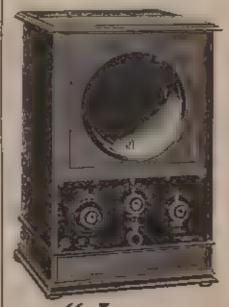
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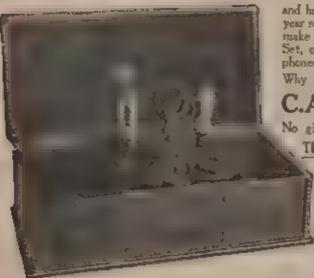
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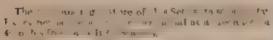
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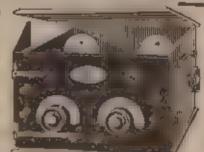
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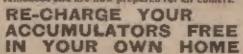
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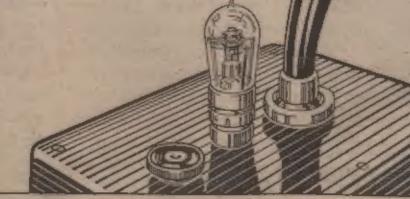
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