Radio Times, June 19th, 1925.


## THE OFFICIAL ORGAN OF THE B B.C

Vol. 7. No. 91.


## EVERY FRIDAY.

Two Pence.

## OFFICIAL

## PROGRAMMES

for the week commencing SUNDAY,

June 21st.

## MAIN STATIONS.

LONDON, CARDIFF, ABERDEEN, GL.ASGOW, BIRMINGHAM, MANCHESTER. BOURNEMOUTH.

NEWCASTLE, BELFAST,
HIGH-POWER STATION. (Chelmsford.)

## RELAY STATIONS.

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

## SPECIAL CONTENTS.

WHAT RADIO HAS TACGHT ME By Vincent Lopez.

A KING'S HAND IN CHURCH MUSIC.
By Francis Gribble.
OFFICLAL NEWS AND VIEWS.
PEOPLE YOU WILL HEAR THIS WEEK.
LISTENERS' LETTERS.

## IMPORTANT TO READERS.

The address of "The Radio Timee "is $\mathrm{s}-11$, Southa mpton straet, Strand, Londen, W.C.2.
The addraga of the Eritith Broadcasting Compnny, Lud.
i 2 , Saroy Hill, Strund, Loodon, Wi.C.2
RATES OF SUESCRIPTION to "The Radia Time (inducing sootage): Twelve Monthe (Foreign), 15k Bd.

## Low-Born Songs That Live.

## By Sir RICHARD TERRY, Mus. Doc.

[Until a year ago Sir Richard Terry was organist and director of music at Westminster Cathedral. He performed a national service by retrieving from obscurity the works of Tudor composers. He is also the greatest living authority on sea shanties.]
WHEN wireless enthusiasts listencd v to the sea shanties broadeast recently *rom the Albert Hall, I can well imagine that many of them, as they sat in their arnchairs with the 'phones on their heads, felt inclined to join in those rollicking choruses, The present popularity of the sea shanty is a good sign, and it shows that many people are beconing tired of " that unrest which men miseall delight "-I mean jazz music -and are returning to the older and simpter melodies.

No one knows how the shanty came by the name. All that is known definitely is that you should not talk about "chanties," as some literary landsmen do, unless you with to make any old salt amongst your hearers blush for your ignorance.

Shanties originated in the merchant service. They were sung only in sailing ships that carried passengets and merchandise, never on men-ot-war. And they were sung as an accompaniment to work, not in the sailors' leisure time. The donkey engine and steam winch have supplanted the old windlass and capstan : there are no longer any sails to be manipulated. But in the old days all such operations as heaving the anchor, setting and furling sails and the like, were done by hand. Each job had its specialshanty. When sails left the seas, and steam blew
away much of the drudgery of a saitor's life, much of the romance left the seas as well.

It is a wellknown fact that not so long ago nearly everyone sang at his work. The sailor shanties are amongst the last to die out in this country. Cap-
 stan shanties were les whe -IN kioharo terry. used for heaving the anchor and similar operations. When setting sails, a balliard shanty was used to help them pull their ropes in thythm: Camnot you imagine the "long pull" to which this halliard shanty was the accompaniment?

Oh, pity poor Reuben Ranzo
Ranzo, boys, Ranzo.
Oh, poor old Reuben Ranzo : Ranzo, boys, Ranzo.

Most of the halliard shanties were quite short, the capstan ones were usually tonger, but each fiad its breezy chorus. Here is a verse from a famous capstan shanty:-
Our ship went sailing out over the bar;
O, Riol
And we pointed her nose for the southern star And we're bound to the Rio Grande

Then away, love, away,
Way down Rio,
So fare you well, my bonny young gitl,
For we're bound to the Rio Grande,
(Continued overleaf in column 3.)

## A King's Hand in Church Music.

## The "Merry Monarch" and Lively Anthems. By Francis Gribble.

Ware all familiar with the announcement in the Book of Common Prayer that "in quires and places where they sing here followeth the anthem." It has so followod since an early date in the reign of Queen Elizaheth, being the distinctive contribution of Anglicaniam to Church music.

The Reformation did not disestablish the masiciana when it discarded the Mass. There were some notablo musicinns in Fingland in those days-amiable men whom it was the pleasant castom of the age to excuse far heresy, when other people wero being burnt for it, in consideration of their useful talents, They remained attached to the churelies and made their influence felt. The evolution of the anthem resuited. "And, Service conelnded, a good anthem was sung," writes the antiquary Strype, in 1560.

## A Musical Compromise.

It was-or, at all events, it came to be-a sort of musical compromise. In the Catholie countries of the Continent, Chureh muic was brought, to some extent, under the influence of the opera. The same composers often composed for the Churches and for the stage, Rossint, Verdf, and Geunod are great and gloriour examples.

In England, sacred and secular mnsio were regarded as separate arts; and Protestant crities pronounced Catholic Chureh and cathedral music unduly ornate, some of them even going so far as to style some of it "tawdry and sensational.,

One need not join in the dispate. The view taken by anyone who does join in it is sure to depend more on prejudice than on reason. The point to be noted is that the mere hymn, to be rung by congregations in unison, was not important enough for musicians of the catibre of Tallis and Orlando Gibbons, who has been called "the English Palestrina." The choir masters wanted something worthier of their choirs; and so the anthem, with its elaborate technique, was gradually evolved from the simplicity of the pealm, or hymn.

## Organ Pipes for Pots of Ale.

It was not, however, evolved without reaistance. The Protestants of the Elizabethan age weleomed pood mnsic; but-the Puritans of Cromwellian times thought of it as an accurned thing. Simple psalm tunes, for them, were "full of the breath of the Lord"; but florid Church masie was a device of the Devil to destroy men's souls. They silenced the choirs, dispersed the singers, tore up the masio books, pulled the organs to pieces, and sold the pipes for pots of ale. For these things ministered to the "beauty of holiness." and these men beld that whien holiness was made beautiful, it ceased to be holy.
Then, with the Restoration, eame reaction. Charlea II. was not exactly a religious man ; but he was interested in the arta, and in Church musio as one of them. He was, as one of his musicians said, a "briak and airy prince," and he liked briak and niry musie in churches, bs well as elewhere. Tallis and Orlando Gibbons were not brisk and airy enough for him. He ealled for "lively" anthems, "with symphomies and ritornels to be played upon viole, cornets and sackbuts in the organ loft."

## Tho Priest and the Composer.

He dipped into the seoret service fund to gratify his wishes, and sent Pellam Hamfreys, with a subsidy taken from that souree, to study in Paris under "Master Luilly, of the Grand Monarch's clapel," Wa see the result in tin entry in Pepys's Diary: "To chapel, it being

All Hallows Day, and heard a fine anthem made. by Master Pelham who is come over."

Nor was the merry monarch the only Stuart king who took an interest in anthems. His gloomier brottier, James II., also did so. An anthem which specially pleased him was Blow's "I beheld, and lo." He sent Father Petre to compliment the eomposer on it, which the Jesuit duly did, adding, however, on his own account: "For myself, I think it too long." Whereat Blow rejoined: "That is the opinion of but one fool, and I heed it not." Petre was so angry that he persuaded the King to dismisa Blow from the post of compeser to the Chapel Royal; but James himself waa in light from William of Orange before the dismiesal could take effect.

## Encouraging Brighter Services.

A comparatively dark age in the history of the anthem followed, and lasted for more than a centary. The Church eompositions of that period, with the exception of Handel's, are described as " solid and respectable, but, in the main, dry and perfunetory." The revival of the art was contemporancous with the beginning of the Tractarian Movement. It has been suggested that the musicians were inspired by the new doetrines taught by such men as Pusey and Keble; luat that theory is not very credible. The encouragement which the clergy then began to give to brighter services, after a long period of slovenliness, must have been a more potent factor ; and the improvement, in fact, coincided with a forwird musical movement throughout Europe.
So it came about that all our organists began writing anthems ; and, as Mr. Dickinson puts it in his "Music in the History of the Western Chureh," "in this numerous company we find the names of such men as Goss, Bennett, Hopking, Monk, Barnby, Sullivan, Smart, Tours, Stainer, Garrett, Martin. Bridge, Stanford, Mackenzie, and others not less worthy, who have endowed the choral service with richer colour and more varied and appealing expression."

## RADIO FOR HOSPITALS.

THE Daily Neucs Fund to provide wirelens apparatus for every bedside in London's two huridred hospitals is making good progress. The wireless manufacturers have come forward generously, and already half-a-dozen hospitals are assured their equipment without any charge to the fund. This excellent example will bo followed elsewhere. B.B.C. stations have already done something in this direction. For instance, the Radio Circle of the Plymouth Station has provided five receiving sets to local hospitals and institations.
On May 27th the Mayor and Mayoress of Plymouth formally installed a loud speaker installation at the Blind Institution, North Hill. Daring the ceremony, a broadcast message was reejived from the stadio on behalf of the 1,500 nembers of the Radio Circle, all of whom had subscribed.

## WIRELESS AND WALNUTS.

We recently published a letter from a listener whose pear tree seemed to be adrersely affected by its being uaed to suppart one end of an serial wire. Mry L. W. C. Martin, of 4, Beer Street, Yeovil, Sonierget, now writea to describe just the opposite experience A walnut tree which formerly bove only balf ia sack of nuts increased ita yield eightfold when a wireless nerial was attached to it. But as soon as Mr. Martin dismantled his wircless apparatus and discommected the aerial from the troc, the production of walnuts declined to a bout the old average. Mr. Martin aska for an explanation. We confess perplexity, and would welcome suggentions from listeners,

## Low-Born Songs That Live. <br> (Continued from the previous page.)

Generslly, there was no connection whaterer between onc verse and another of thete zongs, and, of cour e, the tone is all that is really important. An interesting parallel to theee British working songs is the "Volza Boatmen's Song," which was formerly sung in Russia on the banks of the rivers as the men huuled their weighted boats along like canal horses.

It is only as folk-music that I should describo any of these shanties as classics. The tunes are all very beautiful and it is almost a national duty that they should be preserved.

When steamships first made their appearance, musio in this country hind reached its nadir. Our folk-songs were forgotten, our composers were negligible, and our concerts were generally a hash of second-rate foreign musio. In these early Viotorian times the "serions" middlo classes had their Oratorio, but tho so-calted " untutored " classes still retained their instinct for song and began to make their own music, These rude composers knew nothing of "cultured " music, lut they were masters of that one-dimensional form of minsic known as melody, and they understood what is best described as "lilt"-a form of rhythm to which the masses alwnys react immediately-and the monic-hall ditty was the result.

If the music-hall song was sometimes dull and crude, it cannot be called unpleasant, and I would sooner have healthy crudity than sug. geativeness. There is more healthy fun in a rollicking musie-hall song than in amy "strietly proper ${ }^{\text {" }}$ shop ballid. Such songs as Tosti's "Good-bye" are not one tenth as good, and their sloppy sentimentality nauscates me.
The inner significance of the sea shanty is in the fact that it was the creation of working men during a period when their eouls were starvet of music. The so-called "cultured" classes had their musio and enjoyed it in a amug and gelf-satistied way. The "common people" had no use for this complaeency, but they had an inherent instinct for song, is sense of rhythm and melody which found its expression in these old shanties.

The composers of these old sea shanties are unknown, but their music lives in the hearts of their old shipmates whose course is almost run, The sailor had a hard life; he was looked down upon as a hard drinking, hard fighting and altogether "common" fellow. But it was this "common" fellow who built up our British Empire and chased our enemies from the sea.

Eis shanties were despised (by our maiden aunts of the 'sixties and 'seventies) as "low, vulgar songs," but the more cultivated taste of the twentieth century recognizes them as a beautiful folk-music, worthy to rank with that of any other country.

Ar the headquarters of the B.B.C. in London there in a special organisation for collecting and charting daily reports of conditions of reception throughout the country- Regular reports are received from qualified listeners. Every morning the results of these reports are represented by different coloured flags inserted in a large wall map of the comntry. The black flags (meaning poor conditions of reception) recently so evident in East and SouthEast London have now nearly all gone.

Difficulties with Continental interference retain a few black flag in the neighbourhood of Plymouth. North Wales, too, is apt to be multi-coloured; but, on the whole, the predominance of white llays reveals a high average standard of reception throughout the country.

## 'Ware Atmospherics!

## Facts for Every Listener.

EVERY user of a wircless set has had some experience of atmospheries. When you switch on the set on certain evenings there is a confused babel of small crackling sounds, punctuated every now and then by louder noises not unlike the tearing of calico. These disturbances are not of very frequent oceurrence in this country; in fact, they are probably not bad cuough to eprit the reception of brondeasting on more than half-a-dozen nights in the average year. In some parts of America and in the tropies they are so persistent that wireless roception is atways carried out under difficulties,

## Millions of Tiny Bodies.

What is it that cuuses these irritating noises which come every now and then to worry as ? If we had eyes that would enable us to see what is really taking place at all times in this atmosphere of ours, we should be aware of constant movement at enormous opeeds of millions upon millions of tiny bodies; these are the electrons and the protons, about whieh Sif Oliver Lodge spoke so interestingly to listenens some time ago.
When the weather is changeable, with sudden large variations in the thermometer and the barometer, the activity of these little particles is very much inoreased. Some layer of air or some cloud collects an excess of those of one kind; there is an immedinte rush by thase of the other sort to combine with them. When the combination takes place, there is a commotion, and if it happenis on a big enough scale, we hear a crackling in our receivers:

## Like Wind Among Leaves.

Actually, atmospherica are occurring by the ruillion at every second of the day or night. Moat of them are no small that, as a rule, we hear nothing of them. You can detect their presence with your own set by advaneing the reaction ooil gradually nearer to the one with which it is coupled. At a certain point you will hear a noise rather like the wind blowing amongat leaves. This is caused by tiny atmospherios, and you hear them because the set is in its most sensitive condition.

The biggest atmospheric discharges take place during thunderstorms, It must be remembered that a single lightning flash disaipates an amount of energy vastly greater than that of all the wireless stations put together. Hence, even though no thunderstorm is raging in your immedinte locality, or within a hundred miles of you, you may hear atmospherics when you try to tuno in. At any moment of the twenty-four hours hundreds of thunderstorms are taking place in various parts of thes, world. If they are sufficiently far away for our aerials, we hear nothing of them provided that we do not misuse our reaction coila.

## Your Sensitive Set.

You may hive noticed that on some evenings though broadeast reception is excellent, you are bothered by a roar of atmospherios when you try to reccive American stations. This is because you need not - in faot, you should notoome anywhere near oacillation to receive our own atations, but when you try to reach out over the Atlantic, you must get your set into a very sensitive state, and then it picks up inter. fering noises which would otherwise not by heard.
We cannot tune oat atmospheriga becatuse they are so powerful that they set our aerials vibrating by shook and are audible on all wave lengths. But we can tune them in, and it is rather interesting to do so. They have a wave length of their own which is generally round about 100,000 metres, By using several large coils wired in series, it is possible to tune in atmospherics so that they are heard not as urackles, but as musical notes,

## What Radio Has Taught Me.

## By Vincent Lopez, the Popular Conductor.

[Although Mr. Lopez has only broadcast once in England, he has endeared himself to millions of listeners in America. He is now on a visit to London, where he and his orchestra are having enthusiastic receptions nightly. In this article Mr. Lopez gives us an insight into the psychology of radio audiences.]

IHHATE dull music. I want to bring a mesaage of good cheer, to play songs of gladsomenesa and imnocent frivolity, to be an apostle of Comus, the Merrymaker. But to be cheerful, a modern conductor has to be dreadfully serions in lis quiet moments.
Selection of items for broadcasting purposes is, in fact, no easy matter. Music that is uniformly pleasing on the dance floor, where it is accompanied by colourful settings, has an unfortunate knaek of sounding very thin when thrown "on the air," for the appreciation of the audience, the exhilaration of the dance and

## SONGS YOU OUGHT TO KNOW.

'My Dreams."

THIS is one of Tosti's best-known compositions, and it was composed for and sung by Mr. Ben Davies. The words are by Mr, P. E. Weatherly. It will be broadcast from Manchester on June 27th. We publish the words by permission of the publishers, Messrs. Chappell and $\mathrm{Co}_{n}$, Ltd.
I dereas of the day I mot you,
I dream of the light divine.
That shone in your tender eyes, love, When firat they looked in mine. I dream of the flow'rs that made me A path for my longing feet,
I dream of the etar that led me
To dream of tho star that lod mo
To your chamber window sweet,
To your chamher window sweet.
I dream of the words you whisper'd In the hush of that magio hour,
With your eyes like the stars above me, And your heart like an opening flow'r. I drearn of the rose you gave me,
I think of our last farewell;
I dream of the silent longing
That only the heart can tell.
That only the heart can tell.
Alas! Alas: I have lost my star
In a world of glaring light,
And only a few poor ashes
Remnin of my rose to-might;
But I dream of my rose
And my star and you
And whether we part or meot
I shall love you the same for ever, I ahall love you the same for ever As long as my heart may beat.
E.
the atmosphere are lacking, and appeal is made solely to the ear.
My band consists of eighteen players, each of whom is able to play three distinet instruments, whilst being at specialist with one. The greatest difficulty is to get new, appropriate pieces to play, and I have several men doing nothing other than, collect new musio for me,

Broadcasting experience has taught me how fond people are of old tunes, and how they love to hum the old songs over again, with their attendant associations.

This led me to originate the idea of playing well-known musie with the airs picked out on individual instruments.
Most people remember little but the principal airs. For instance, I played recently some of the music from H.M.S. Pinafore. "Dear Little Buttercup " was picked out on the flute, another melody on the saxophone, and so on.

When broadeasting I have found that it is advisable to use arrangement that are "full," that is, is the progressions of chords that go to make up the harmony; every note in every chord must be played, or the empty places will stand out more prominently than those noter which are emphasized.
In conducting a


Mr. vincent lopez number it is often necessary to modify greatly the expression: When the trumpets, which have heavy tonal weight, have a forte passage, they must be held down to what would normally be deemed mezzo-forle.

Wireless has been invaluable in teaching me what the majority want to hear. While I am a sincere admiver of elassical music, I do not consider it appeals to the largest number. Most classieal music is too solemn in tone to be very popular, and it is for the popular taste that I cater.

## What All the World Noeds.

I have the greatest admiration for the splendid musio of the Savoy Orpheans; but it does seem a pity that usually one has to wait up until after ten oclook at night before hearing a few notes of cheerful jazz. Jazz, as a matter of fact, is quite old, instead of being a new invention, as many people think it to be.

There are seme authorities on this side of the Atlantio who think of broadcasting only as an educational force. It is an educational foree, of course, but the majority of folk do not buy a wireless set in order to be educated.

Wireless has made me realize that a successful band must radiate music that is joyful, not instructive.

In common with literature and other formas of art, wireless programmes are rapidly becoming less informative and more lightly amusing. Letters from thousands of Histeners have convinced me that the universal demand to-day is to be cheered, and 1 feel supremely happy in the thought that my music has supplied, in a small measure, what all the world is wanting.

## NOISES FROM ELECTRIC LIGHT WIRES.

0NE often hears queries concerning the mysterious conneotion which seems to exist between the electrie lights in a room and the wireless apparatus installed there. Listenere sometimes find that their reception of B.B.C. programmes is marred by a humming noise in the headphoses, an interference which is frequently due to the electric wiring of the room in which they are listening. The interruption is irritating enough with a crystal set, and a fifty cycle supply, but on a hundred eycle stupply, such as exists in certain towns, it is considerably worse.

There are various honse-wiring systems for light and heating, in some of which the insulated conductors are covered with a metal sheath, which is, of course, comnected to earth. Recent experiments in an eleetrical-laboratory have made it clear that, for the avoidanee of this inferference with wireless reception, a metal. covered wiring system has considerable advan: tages over the unprotected rubber-coverod wires.

## A New Experiment

THE B.B.C. is doing a number of special experiments, both on the technical and on the programme sides. On the programme side the point which is commanding most attention now is topicality. It is felt that there might be introduced into the talks more features definitely associated with an outstanding event or news item of the day. The chief difficulty is, of course, to make arrangements of this kind conform with the character of programmes as arranged in advance.

It is highly desirable that the programmes should adhere as closely as possible to the form in whieh they have been published. But their elfective advanice publication requires that they be prepared about six weeks ahead of the date of performance. Neverthelesa, topicality is so important that a certain measure of added flexibility has to be imparted to programme arrangements, even at the risk of increasing the occasions of correction.

## Diffculties of the Idea.

Thus, certain periods of programme time are to be allotted weekly to topieal subjects which ean only be determined on the day in question. This represents a development of the "Man of the Moment" scries of weekly talks which were announced reeently. Although it is agreed that a good deal should and can be done to impart topicality to programmes, it should be remembered that to dittain the ideal in this respect is immensely difficult.
It is suggested, for instance, that the winning jockey of the Derby should broadeast his impressions of the race a few hours afterwards. It is suggested also that whatever happens to be the main subject of discussion in the morning newspapers should be also the subject of a broadcast talk on the evening of the same day.

## Topicality versus Censorship.

To avoíd controversial issues and to bo able to guarantee that the broadcast medium is not used for special pleading or indirect propaganda, the greatest care must be excreised in the censorship of all talks. This tradition is so important that to endanger it in the interests of topicality would not be justiffed. When, therefore, listeners are apt to accuse the B.B.C. programmes of being remote from current affairs, it should be remembered that the problem is not so easy of solution as appears on the surface.
There is, moreover, a definite agreement with the newspapers which, at least during the period of the present livence, prescribes the limits within which eurrent events may be broadcast. Narrative as such is prohibited. All the B.B.C. is allowed to do is to try to give the atmosphere of contemporary events and ocoasions.

## Lord Jellicoe to Broadeast.

Lord Jellione's speech at the Dominion of New Zealand Dinner in London on June 22nd will be broadcast from all stations.

## Sounds From the Coal Pit.

The microphone has recently accompanied an aeroplane in flight, has taken noises from under the Thames, and has flirted with the night ingale in theSurrey woods. Next Saturday, June 27th, from 8 to 8.30 , it will add to ifs oxperiences by taking sounds from the pit of the Nunnery Colliery, near Sheffield. It will be placed in the Park Gate Seam, 750 feet below ground level and one mile from the pit-shaft. The manager of the mine will explain the various noises, which will include the coal cutter, shot borer, explosion of shot, fall of conl, flling of tabs, noises of trains, and signalling apparatus of the cages. These noises will be S.B, to all stations except Newcastle.

A Whiff of the Sea.
B.B.C. stations are finding that sea programmes are extremely popular. Dundee Station is offering a programme of this kind on July 3rd. Mr. George J. Jeffeock will give rollieking sea songs, and the Station Trio will play the march, "Admirals All," an overture, "Plymouth Hoe," and a Nautical Fantasia, "Life On the Ocean."

## Bishop Barnes to Broadeast.

On Sunday, June 28 th, the Birmingham Station will have the distinction of broadcasting for the first time the Rt. Rev. the Lord Bighop E. W. Barnes, F.R.S., who will conduet the service between 8.0 and $8.30 \mathrm{p} . \mathrm{m}$., which will be relayed from St. Phillip's Cathedral and broadeast from the Birmingham and Chelmsford Stations.

The First Woman Baritone.
Miss Beatrice Telegar, who is believed to be the first discovered woman baritone, will make her first public appearance at London Station on June 26th. Miss Telegar, who is a New Zealander, has a voice of the true mate baritone quality, and she uses it with admirable effect.

## IMPORTANT.

Since going to Press with the Programme for Thursday, June 25th, and the facing page, we are informed that it may not be possible for excerpts from "No No Nanette," and The Co-Optimists to be broadcast in the "Daily Graphic" Charity Concert. EDITOR.

Special Programme at Liverpool.
On Friday, July 3rd, the Nutgrove Prize Band, conducted by Mr. H. Hill, will broadeast from Liverpool station. In the same programme Mr. George Hill, baritone, will sing Negro Spirituals. Monologues and character studies will be given by Mr. Pat Williams.

Zulu Songs at Glasgow
Glasgow Station will give the third of its Empire series on Monday, June 29th. Listeners will be taken by train from Capetown to Johannesburg by way of the Garden Route, Port Elizaheth and Pretoris, through the Orange Free State, the Drakensberg Mountains and Natal. There will be dramatio representations of historical events. Real Zulu songs will be broadeast for the first time in Great Britain.

Midsummer at Nottingham.
A special Midsummer concert will be given by Nottingham Station on Friday, June 26th. Mrs. Rathy Barlow will appear in two plavlets. Miss Ida Sargent, soprano, will be supported by the Mikado Orchestra, under the direction of Mr . Frederick Bottomley.

## Belfast Visits the Country.

Belfast listeners on Friday, June 26th, will be given a special programme of music descriptive of country scenes and pursuifs. The programme will conclude with Columbine, a fantasy, by Reginald Arkell.

Education by Radio.
So successful are the bi-weekly school transmissions from Edinburgh that it is hoped to extend them shortly. These transmissions take place on Wednesday and Friday at 3.30. Nearly all the speakens are professors at the University of Edinburgh.

## Leeds-Bradford's Birthday

The Leeds-Bradford Station will celebrate its first birthday with a special programme on Friday, July 10th. The prologue of the programme has been written by Mr. Leslie Bailcy, with musio composed by Mr. Cecil Moon, the
theme being "The Spirit of '2LS'." All members of the station staff, including the engineers, will take part. Four song cameos will be given, as well as half an hour of request items.

The whole programme is being arranged by Mr. Cecil Moon, the well-known Yorkshire pianist and composer.

## Listeners Help London Sfations.

The experiments carried out at King George's Hall, Y.M.C.A., Caroline Street, London, were very successful. On three occasions the London programmes were performed in this hall instead of in the Studio. Listeners were invited to attend, and responded with alacrity. A nominal admission charge of $6 d$, was levied, and the proceeds handed to the Children's Hospital Wireless Fund. The value of a visible audience was proved beyond doubt.

## An Example Worth Following.

All reports agree that the programmes from King George's Hall gained in vitality and brightness.
Moreover, those who attended were most appreciative. A member of the audience at the first performance called the following day at 2, Savoy Hill, and left a guinea for the Children's Hospital Wirelees Fund.

## A Prize-Winning Quartet.

The Imperial Vocal Quartet, first prize winners at the Blackpool Musical Festival in 1924, will be making their first appearance at the Manchester Station in a chamber musiso programme on Sunday, June 28th. Each of the members of this quartet-Miss Hilda Roberts, eoprano; Miss Lena Griffiths, contralto; Mr. William Venables, tenor; Mr. Frank Nicholson, buri-tone-have individual prize-winning records. 'Their programme willinclude several of Brahms' Gypsy Songs, and two quartets from Liza Lehmann's "In a Persian Glavien." On this occasion, also, the " $2 Z Y$ " Piano Trio-Messrns. Erie Fogg. Don Hyden, and Sidiney Wright-will be making its first appearance at the Manchester Station.

## Garrick's Musical Farce.

David Gerrick's musical farce, May Day, whieh lay forgotten in the British Museum for over a century, proved such is great suocess when it was revived at the Cardiff Station recently that it has been decided to give a repeat performance of the work on Saturday, July 4th.

## Railway Radio.

Several experimenta have been carried out in connection with broadcasta of some of the proceedings at the Railway Centenary Ce'ebration at Darlington on Jume 30th, Jufy Ist and 2 nd . It has been found that noises taken from the footrlate of an express locomotive travelling at full speed, even when considerably modulated, are so loud as to drown any superimposed conversation and are, indeed, hardly recogrizable. Experiments are continuing, however, and a troadeast of considerable novelty is likely to te evolved.

## A Link From the Train.

If the locomotive footplate auggestion proves impracticable, attempts will be made from a guards' $\operatorname{van}$ immediately behind the locomotive. A broadceast of this thind requires a wireless link from the train.

Moreover, it has to be borne in mind that some noises reproduced literally do not convey the ense of reality aimed at. For instance, several listeners questioned the authenticity of the recent broadcast of the Beashore from Plymouth.

## PEOPLE YOU WILL HEAR THIS WEEK.



Mr. MILTON RCSMER will play Oteron in ${ }^{4}$ A Midsummer Night's Droand


[Martill. Lady CIAMA DUFF-CODPER Is to take


Mis MAREARET HALSTAN, who is taking part in "1 A Midramemer Night's


Mr. DAVY BURNABY, the co-0ptimist,
to be heard on June 25th.


IVoulaham A Binflield.
Mr. JOSEPH COYNE These popular actoris ant


Miss ELADYS COOPER, who, with ather stage selebrities, will talke part in The Daily Graptie "I Onnsert on Juns 25th,


Miss GEATHER THATGHEK, wae will broadcast ( 5.8. to all stations) on June 25th


Foncitate and Alank Miss JOSE COLLINS will delight listener everywhere on Jyne 2sth.

[Harri, \& Aceoks. Mr. GEOREE GROSSMITH, will be haard if excerpts from "No No Nanetfo," an June 25 th.


Woetaham at Alanflel
Miss BINNIE HALE will also be heard it scenes trom "No No Whoetten on June 25th.


Visceuntess ASTOR, M.P. will breaseast from Edinbargh-on June 21st.

M. ZACHAREWITSOH (Violinist) wirs
broadeast from Londion on June 21st

# Pieces in the Programmes. 

## A Weekly Feature Conducted by Percy A. Scholes.

 ralph vaughan williams.Wcount Dr. Vaughan Williams one of our greatest living British composers. Last month his Pastoral Symphony was given the place of honour at the Festival of the International Society for Contemporary Music at Prague, and his Merciless Beauty will be sung by Steuart Wilson at the Chamber Music Festival of that Society to be held at Venice in August. He was born at Down Ampney in 1872.

It is difficult, if not impossible, to appreciate the fater music of Vaughan Williams without foll realization of the fact that it expreases very strongly a definite personality and has great depth, and that it is correspondingly reserved, and not always very clear, so that if one listens superficially or unsympathetically, its significance may be missed, and one may misjudge it as-simply awkward or crude. This applies especially to his Mast.

## HIS MASS.

## (Swansea, Friday.)

It is easential to understand that this work has practically nothing in common with any music of the last three centuries. It is intended to be sung almost, if notentirely, unaecompanied, and it owes most to the English Elizabethan composers, who brought unaccompanied vocal musio to its highest development ; but it goes behind them, and has relations with a more "primitive" style than theirs.
Its chief characteristics are (1) That all the "parts," or "voices," are equal in importance, each having definite melody to sing; (2) That its rhythm has little of what we may eall the march or dance character, and is rather the rhythm of words, such as one finds in the most elastio poetry; (3) That it does not use the ordinary rigid "major" and " minor" scales which were used, for instance, by Beethoven. It is clear that each of these three characteristics tends to produce indefinileness, and that togethee they give that suggestion of infinity which is obviously essential in religious music.

The other most important feature is the use or suggestion of Plainsong-the traditional music of the Church, in which the words preserve their own free rhythm.

1. KYRIE (Lord have meroy upon us). The Crobus begins, Altos starting very slowly and softly. The other voices quietly enter with a similar phrase, in the order-Basses, Tenors, Trebles,

The middle section (Christe eleison) is set for Four Soloists.

The final Kyrie (Chorus) is much the same as the first, but intensified.
2. GLORIA IN EXCELSIS ("Glory to For in the higheat ${ }^{7}$ ). For this number, and indeed for most of the Mass from here onwards, the Chorus is divided into two four-part choirs,

After the first phruse has been intoned, to Plainsong, by a Tenor, the second phrase, beginning EL in terra $p a x$ ("And in earth peace "), is sung very softly to wide-spread, eicht-part chords.

Then beging " antiphonal" treatment, which is largety used here, i,e, one four-part choir sings one phraes the other answers with the vext.

The phrases which begin with Quitollis (" Thou that takest away the sins of the world ") are sung by the SoLorsts, answered cach time by the Miserere nobis, "Have mercy upon us") of the Crores.

The words Cum Sancto Spiritu ("With the Holy Ghost ") are taken up loudly, one after another, by all the eight parts of the Chorns,
and gradually a big elimax is built up, anding with a reiterated, cumulative $A$ mer.
3. The CREDO starts with the Tenor intoning the Plainsong, Credo in wuum Deam ("I believe in one God "). The Chores responds.

The sololsrs first enter with Et incarnalus
And was incarnate"), and later, they have Et Spiritum Sanctum ("And I believe in the Holy Ghost ").

A great climax comes with Et citam ventiori saceuli, A men ("And the life of the world to come, Amen ").
4. The finst part of this, the SANCTUS ("Holy, Holy, Holy, Lord God") is entirely for Chorts, It opens very ethereally:
The FIRST OSANNA (Hosanna in the Highest) is mostly antiphonal.

The BENEDICTUS (Blessed is He that cometh) is chiefly given to the SoLorsts.
The SECOND OSANNA (Chorus) is at first very soft ; there is a sudden ontburst, ending with a big descending phrase, all. Voress in Usison (or octaves).
5. AGNES DEI ("O Lamb of God") is given, as in most good settings of the Mass, as a traviquil, but deeply expressive ending. It is largely an antiphonal use of Chorus answering Soloists. It is mostly subdued.
PART OF " A LONDON SYMPHONY." (Bourxemouth, Saturday.)
This work was first performed in the spring of 1914. It has since been revised. Its titlo might well he expected to excite the ingenuity of musical analysts, and some have risen well to the occasion. Mr. Finck, of New York, for instance, says that "Mr. Williams presents the great metropolis musically in a great variety of aspects" He speaks of "old Father Thames," "the gloom of Bloomsbury in the dusk," and "the slums . . . where coster-girls dance their beloved 'Double-Shuffle Jig' ${ }^{\prime \prime}$; and apparently "the final picture presents the London of the unemployed and the unfortunate" I Vaughan Williams, however, says that "A better titlo would perhaps be, 'Symphony by a Londoner,' that is to say, the life of London (including possibly its various sights and sounds) has suggested to the composer an attempt at musical expression, but it would be no help to the hearer to deseribe these in words."

Thero are four Movements to this Symphony, of which the Fint and Third are now to be played.

## I.

The Fisst Movement stavts with a slow Introduction (which lasts about a minute), gradually emerging from a haze.

After the unmistakable Westminster Chimes (Harp harmonics and Clarinet) we are plunged into the Movement proper, best deseribed by the directions given-Quick and resolute, very keary. This is mostly bustling, complex music, but it is built on many clear, straightforward tunes, alt of which have a familiar ring.
III. SCHERZO (NOCTURNE).

Quick, lively. "Scherzo" is an Italian word which means, literally, a jest. In music it is generally used as the title for a playful, light piece, which may or may not be definitely humocons. The addition of the word "Nocturne" here can hardly be meant to suggest anything else than a study of London's night life, and certainly the music bears this out.
N.B. Of Hiavoatha's Wedding Feast and Beethoven's Choral Symphony, which are respectively to be broadcast from Swansca (Friday) and Glasgow, Aberdeen, Edinburgh and Dundee (Wednesday), the first was descrited in the issue of The Radio Times dated Jume 5th, the second in that dated April 3rd.

## Listeners' Letters.

TAll letters to the Editor must bear the name and address of The Editorial address is \&-11, Southamptoin Street, Strand, Lotudes, W.C.2.
larity and Worth.
DEAR Sir,- The voice of femininity has long been denied expreksion, or has been obsequinusly silent on the fashionably controversial subject of wireless, and it follows that we have been exempt from its indulgent patronage or the piguancy of hasty assertion.
So wo read Miss Rebecea West's article in The Radio Times not unprepared for verbal fireworks of novel the, fierce intensity, and irresponsible objective, and we were not disappointed. This, so far as the devotees of her literary capabilities are concerned, is admirable, but the sweeping deprecation of the quality of musie broadcast is unworthy.
Truly, if many of the orehestral items do emanate from a morgue, then the resurrection is, as might be imagined, supernatural in its living beauty.
I hope that inability to secure lroadeasters of overwhelming reputation, as foreshadowed by Mise Rebecca West, will not unduly distress the B.B.C., for they have hitherto shown effective discrimination between jopularity and worth, yet ever conscious of the publie's partiality for the former

## Bowling, Bradford. Yours, eto., Hr. D. Faumake.

## Nights of Humour.

Dear Sir,-1 observe that the Bournemouth Station is devoting an eveling in the near future solely to matters humorous.

As one who has derived and continues to derive much pleasure and intellectual profit from the programmes, may I suggest that an evening occasionally devoted to one particuler class of entertainment or lectare would be a change that would be appreciated not only by myself, but by many others ? I would suggeat an evening might be devoted by Londen entirely to humour-mixed humour-preferably dialect humour.
There is a large unexplored field here-Scoteh, Irish; Welsh, Yiddish, ete., in addition to which there would be Cockney humonf, as well is the colloquial humour from the various shires. Please, however, do not let us have any more of the cheap vulgar American jazz variety, of which we have had a surfeit lately.

Yours, etc.,
London, S.E. Hzyry W. Armex.

## Sunday Services by Radio.

Dear Sir,-Whatever changes may be made in the conduct of the broadcast Sunday evening service, please on no account omit the Scripture reading. It adds greatly to the beauty of the service and its omission would be a loss.
The "atmosphere" for the service should be found in the heart of the listener, and I hope that the B.B.C. will continue as in the past.

Yours, ete,
Faruborough.
John A. Stoneham.

## A Help to Listeners.

Dear Sm,-It would be a great help to listeners if, occasionally, when a programme of serious music, ancient or modern, is being transmitted, instead of giving two or three work, the number were reduced and a competent musician were to give a short talk on one of the works, picking out themes and explaining the form in simple language. This would enormously enhance the interest of listening, and make it much easier for many people like myself to understand and enjoy.

Yours, etc.,
London, W.C.I.
Ahthur Coates
(Continued on the facing page.)

## Listeners' Letters. <br> (Continued from the facing page.) <br> What is a Condenser?

Dear Sir,-In the general jubilation that our age has come into possession of the marvels of wireless, people seem to overlook the fact that the tiniest and simplest looking parts of a wireleas set are perhaps the most important. I refer to the condensers-little piles of tinfoil and mica packed between a couple of slabs and left to do their work.

All the world has heard of the Mertzian waves and the Mareoni system, but can any reader tell me what is a condenser ? I am assured that it acts like the mainspring of a cloek, and thit when momeone puts energy into it, this is stored up, and released later when it is needed. On the other hand, we are told it is a sort of tuning fork, and that if your condenser will throb at the right speed - a mere $60,000,000$ times a minute-you can hear broadcast stations you never heard before.
One of our most distinguished University professors impressed on me the other day that a condenser is an eleotrical prototype of the machine on the seaside pier on which passers-by pay a penny to exert violence. Great strength rings the bell, and greater itrength returns the penny 1
On top of all these dicts of experts comes the smiling correction that a condenser does not condense at all! The name is a misnomer and a relic of those happy-go-fucky days when a vegetable was called a cauliflower because, forsooth, it looked rather like s flower! So what is a condenser :

Northwich.
Etibl Brusner.

## An Aerial Hint.

Deat Sis,-My office boy, who lives at Barking, was telling me about his lad reception, I questioned him on his aerial and suggested that he should substitute for his present single wire taken directly from the top of a short pole to a lower window of the house, a twin aerial with two $6 f t$. spreaders and a lead-in, ereeting a sliort pole on the eaves of the honse, thus to gain extra height, the lead-in being taken to the same window.

Ho has done so and finds that his reception is now much better than from the old aerial. I think this endorses Captain Eckeraley's talk on the subject.

Yours, efe.
E. Cromite Sterdman.

Wimbledon Park, S.W.

## Broadcasting and Concert-Going.

Dear Sir,-I have been asked by our Belfast members to convey their thanks to the British Broadcasting Company for so generonsly giving the concert of April 18th last in aid of our Branch Benevolent Fand.

The sum realized by the concert, which has been placed to the credit of the Fund, is easily the best result obtained during the four years our anmual Benevolent Fuad concerts have been held,
It was suggested to me by many people that the faet of our concert being broadeast would have a detrimental effect on the attendance. So far from this being the case, the Ulster Hall was practically filled, in spite of the extremely inclement weather, and I must believe that a first-class concert where the prices of admission are reasonably low does not suffer in the alightest degree through being broadeast.

If the concert is a good one, it helps to advertise the next.

Yours, ele.
W. Handtey

Belfast. (Branch Secretary, Belfast Branch, Mustians' Uriton).

## Winning a Wife By Radio.

## The Story of a Modern Knight. By Alfred Heard.

WHat a pity it is," re-
marked the Soprano. marked the Soprano,
pensively, "that the days of chivalry are dead! How picturesque it must have been in the Golden Days, to have seen a gallant knight in full armour, riding through the country with his lady's glove tied to his helmet, anxiously seeking other knights wearing similar tokens!"
"To the end that they might break each other's heads! "said the Baritone, sardonically.
"You don't quite understand the spirit which animated these gentle knights," replied the Soprano, pityingly. "Their object in breaking a lance with each ot her was to show to the world that they were ready to die in the service of the lady they loved. But Cervantes killed the old spirit of chivalry when he wrote 'Don Quixote'!"
"I am sorry to contradict you," said the Entertainer, "but you are mistaken. The chivalry business is still going strong, although the present members of the old firm wear sports jackets and plus fours instead of chain-mail hauberks and steel kneecaps ! The spirit of chivalry is as much alive as ever it was, believe me!

Broadcastany was in the mewling and puking stage when-I had a call to the microphone-a call so insistent that it would not be demied, accompanied, as it was, by the promise of a substantial foe! At that time I had a partner who, besides heing a clever pianist, was as good a man at impromptur gayging as you would find on a day's march to and fro along the corridor leading to the buffet compartment. We had just received tho offer of the engagement to broadenst our olever and refined double turn, when my partner fell ill, or, as my charwoman put it, 'took bad with quinces.' The quinsies made their appearance on the Monday, and we were to thrill the world on the Satarday ! What was I to do ?"
"Pass the job on to a couplo of capable men posseasing a post-war repertoine," suggested the Elocutionist, ironically. "I refer to the Peninsular War, of course. ${ }^{\text {T }}$
The Entertainer looked volumen.
"Obviously," he continued, "the only thing to do was to find a man of superior mental calibre; is first-class musician, and a fount of wit and humour, You will understand that it was neecssary to find my counterpart as nearly as might be, hence the extreme diffieulty of my taak. I hunted high and low, but the man to fit the job was not forthcoming.
" Firiday morning came round, and I was still partnerless. I was just getting up from breakfast when somebody knocked at the door of my fat. Opening the door, I saw a well-set-up young man of pleasing appearance standing on the mat. 'Have I the plensure of addressing Mr. Manvers -er-the great Mr. Manvers ?' he inquired, somewhat nervously. Assuring him that his pleasurable anticipations were not ill-founded, I invited him to hononr my humble abode with his presence. 'Step in lively,' was the exact form of invitation I gave, and help yourself to one of those cigars, which were a present from Aunt Maris. Now, how can 1 further your interests, young man ?:
${ }^{\text {I }}$ I gather that you want somebody to take your partner's place for the time being \&' he said, lighting the cigar.
I + You have lit the right nail on the head,' I reptied, 'and if you can recommend anybody really suitable and in a position to begin study
at once, you will relieve me of considerable anxiety. The engagement to broadcast tomorrow is a very important one, and I have my reputation to consider.'

The young man threw himself back in his chair and puffed away at his cigar: 'Quite', he murmured, 'qnite! I was about to propose that I should take your partner's place to-morrow, 1 am engaged this afternoon and evening ; suppose we run through the stuff this morning ?"
"To say that I was taken ahack would be putting it mitaly. Why, the young fellow could not have been more than twenty-five! I tried him out and was amazed at his ability. In many ways he reminded me of myself at the same age. He showed remarkable aptness in the difficult art of imprompta back-talk; he had a resonant and masical woice; and he played the piano like a virtuoso. He was very reticent as to his past history, but I gathered that he had sung privately and done a little in the amatenr theatrical line, but nothing professionally. Anyway, he was a distinet find, and I arranged with him to turn up for a final rehearsal on the following morning.

I was looking out of my dining-room next morning and noticed a Rolls-Royce drawing up just beneath the window. To my surprise, my young friend stepped out, raised his hat to somebody inside the car, and gavesome instructions to the chauffeur, who touched his cap rather obsequiously, I thought. Being essentially a man of diseretion, however, I did not mention the matter during the short rehearsal, and we arranged to meet at the Broadcasting Stadio that evering.
"In all modesty, I can only refer to our turn before the miorophone $\pi \frac{1}{2}$ an unqualiffed success. The Annoubcer nearly had hysterics, and a well-known Professor, who was giving a talk on 'Worms, and why they turn!' split his sides, and had to be taken to Guy's !
"I never saw my young assistant again."
There was a roar from the Baritone. The zequel, man, the sequel ?n
The Entertainer looked bored. "A piece of wedding-cake, and a simple card inscribed 'With Lord and Lady So-and-so's best wishes.' I learned afterwards that the present Lady So-and-so had refused to marry his Loriship until he hadaccomplished, for hersake, something that the whole country would hear of ! No, Miss Claire, chivalry is not dead yet!"

A comraspondent sends the follows g true story. A friend came to see him one vight and upon being invited to listen to a hroadeast programme refused to do so because, as he put it, "some high-hrow stuff would be on "-as a matter of fact, the Kreutzer Sonata was being broadeast-but he would listen after the local news at $10 \mathrm{p} . \mathrm{m}$. When eventually the programme switched on again after 10 p.m., the music had just re-started, and after it had frrished, the visitor exclaimed: "That is what I call a real jolly tune, something. I can enjoy. Why can't we always have some such thing, instead of that dull classical stuff such as was on in the programme carlior in the evening, when I came ? ${ }^{\text {r }}$

His liost protested that what he had heard was the last movement of the sonata in question, probably played out of turn, and yet the visitot refused point blank to believe that such was the case.

## WIRELESS PROGRAMME-SUNDAY (Jume 2lat)

## The tetters "s.e," printed in halics is thase programmen signity a simaltaneous Broadcast from the sation men- <br> The High-Power (Chelmsford) Programme will be found on page 585 . <br> $2 L 0$ <br> LONDON. 365 M .

## Military Band.

3.30-5.30.
S.B. to other Stations.

DOROTHY BENNETT (Soprano) LEONARD GOWINGS (Tenor). MICHAEL ZACHAREWITSCH (Solo Violin).
CEDRIC SHARPE (Solo Violoncello). THE " $2 L 0$ " MILITARY BAND Condacted by DAN GODFREY, Jun:
3.30.

PHE BAND
Overture, "The Flying Dutchman" Wagner DOROTHY BENNETT.
"When Rooks Fly Homeward", Alec Rowley "The Bell Song" ("Lakme") ... Deliber CEDRIC SHARPE.
"Elégie"
"Elégie
Melody in F ......
LLove in Arcady
Bubinat Mascenct
4.0.

Baydn Wood, arr, C. Sharpe
LEONARD GOWINGS.
". Plearing " The Slighted Swain " (Old Engliah) rr. H. Lane Wilson MICHAEL ZACHAREWITSCH.
Concerto in E Minor, Op. 64 (First Movement) …….................. Mendetssohn THE BAND.
Ballet from "The Lake of the Swans" Tehaikovsky
"Babillage",
Easthope Martin
4.40.
"Never Sing to Me Again" Rachmanikoo
" Pastorale
CEDRIC SHARPE.
"Tha Londonderry Air " Arnold Trowed Believe Me, If All Those Endearing Young Charms" arr. C. Sharpe
"Harlequir and Columbine" Woodworth, arr. C. Sharpe LEONARD GOWINGS.
"Diaphenis" ".............. Harold Saunel "Marmaring Breezes "............ A. Jensen
5.0. MICHAEL ZACHAREWITSCH.
 THE BAND.
Selection, "Reminiscences of Tchaikovsky"
8.30.-Hymu, "Guide Me, $O$ Thou Great Redcemer " (A. and M., No. 196).
Bible Reading.
Anthem, "I am Alpha and Omega" Stainer
Address by the Righe Rev. The Lord Bishop of PETERBOROUGH, D.D.
Hymn, " Before the Ending of the Day" (A. and M., No. 15).
9.0 .

$$
\begin{aligned}
& \text { DE GROOT } \\
& \text { and }
\end{aligned}
$$

THE PICCADILLY ORCHESTRA. MAVIS BENNETT (Soprano). Relayed from
The Piccadily Hotel, London, S.B. to other Stations.
10.0.-TIME SIGNAL FROM GREENWICH. WEATHER FORECAST and GENERAL NEWS BULLETIN, S.B. to all Stations.
Local News.
10.15.-De Groot and the Piccadilly Orchestra (Continued).
10.30e-Close down.

BIRMINGHAM. 479 M . Chamber Music Programms. 3.30-5.0.

THE MARY ABBOTT PIANOFORTE TRIO.
FRANK VENTON (Violin);
HARRY STANIER (Violoncello);
MARY ABBOTT (Pianoforte).
BARRINGTON HOOPER (Tenor). THE TRIO.
Trio in F Minor, Op. 65
Drorale rio in Fs Minor, Op. 65 ............ Drorak
Allegro ma bon truppo: Allegretto graz-
iosos Poco adagio: Finale, allegro coul brio.

BARRINGTON HOOPER.
Requiem
Got a Robe ............. Sidney Homer In Native Worth ":............ Burleigh TARY ARBOTT Haydn MARY ABBOTT.
Nocturne in F Sharp Major
Inoprompta in C Sharp Minor
Etude, "Ocean Wave," in E. ..Chopin Major .

BARRINGTON HOOPER
The Cloths of Heaven " ..... Dunhilit
To My Beloved " ("Don Giovanmi")

> THE TRIO.

Trio in B Major, Op, 8
Mozart

Allegro con Adagio, Allegro.
5.0-5.30.-CHILDREN'S CORNER.
8.30. STUDIO SERVICE,

Hymn, "Hark, My Soul, It is the Lord" (A. and M., No. 260).

Reading.
Anthem, "The Radiant Morn " Wuoducard Religious Address, by the Rev. C. T. KIRTLAND, St. Margaret's Church, Ladywood.
Hymn, "Bright the Vision that Delighted" (A. and M., No. 161).

## Radio Fantasy No. 5.

 9.0210.0.SWEET $0^{\prime}$ THE YEAR." Written by John Overton.
Masic arranged by Joseph Lewis.
Characters
(In the order of their first speaking.) Cborus …....... WILLIAM MACREADY Gaffer Brookshaw (The Oldest Inhabitant) PERCY EDGAR
The Sexton JOSEPH LEWIS Mother Ruddock (A Reputed Witch)

JOHN OVERTON
John $0^{+}$Dreams PERCY EDGAR
Jack Birkett (A Village Child)
3OHN OVERTON
Will'am Bent (An Old Shepherd)
PERCY EDGAR
Antony Derring (The Young Squire)
GEOFFREY DAMS
Chloris Fairfax .. GLADYS COLBOURNE
The action takes place in the village of
Little Wimpole on a May Day evening in the good old times.

Incidental Music by
THE STATION ORCHESTRA.
10.0.-WEATHER FORECAST and NEWS. S.A. from London.

Local News.
10.15. THE ORCHESTRA

Romance," Op. 5 ............... Tcheikovaky
10.25.-Close down.


6BM BOURNEMOUTH. 386 M .
DORIS VANE (Soprano).
THE MAYFAIR SINGERS
THE ROYAL BATH HOTEL STRIN: ORCHESTRA
Masical Director, DAVID S. LIFF.
Relayed from King's Hall Rooms.
4.0.

Selection,
THE ORCHESTRA.
selection, "The Tales of Holfmann"
Bercense
DORIS VANE.
Reverie Sugnai
THE RINGERS.
Come, Let Us All A-Maying Go ${ }^{\text { }}$
Annig Laurien ................. ark Ctertary
Matrona. Deareat Masden ". arr. Cancos di Lesgo
Come, Lassies and Lads
arr. G. Bultivant
4.30.

Selection, "Cavalleria Rusticana" Moscagni Serchade .............................. Goumod DORIS VANE.
The Willow
Qoring Thomion A Birthday

THE ORCHESTKA.
Selection, "Manon
"Romance"
Massenf:
Romance " ............................ Rubinstein
Spin, Spin THE SINGERS.
Spic, Spin
Picaninny's Lallaby
Jungat
"The Auld Hoose" "~") arr. G. Bull weant
5.20 .
"Podme " THE ORCHESTRA. Fibwh
N DORIS VANE,
$\left.\begin{array}{l}\text { Now Sleeps the Crimson } \\ \text { Petal " } \\ \text { Love's Philosophy "...................... }\end{array}\right\}$ Noger Quilers
"Love's Philosophy " ......
To a Kiss
Go, Rose
5-45-6.0.
THE ORCHESTRA.
Suite, "Ballet Egyptien" ............ Lwigial
8.30. CHOIR OF WEST CLIEF BAPTIST CHUKCH.
Hymn, "In Heavenly Love Abiding (Baptist Charch Hymnal).
Bible Reading.
The Rev. JAMES BISHOP: Religioas Address.
Anthem, "After the Daylight" (R, H. Briscoe, Baptist Church Hymmal).
Hymn, "Sun of My Soul " (Baptist Chureis Hynnal).
9.0.-DE GROOT AND THE PICCADILLY ORCHESTRA. S.B. from London.

## 10.0.-WEATHER FORECAST and NEWS.

 S.L. trom London.
## Local News.

10.15.- De Groot and the Piccadilly Orchentra (Continued).
10.30,-Close down.

5WA CARDIFF.
353 M .
3.30-5.30.-Programme S.B. from London.
8.30.- Religious Address by the Rev. JONES POWELL.

THE CHOIR OF ST. JOHN'S CHURCH.
9.0.-DE GROOT AND THE PICCADILLY ORCHESTRA. S.B. from London.
10.0.-WEATHER FORECAST and NEWS. S.t. from London,

## Local News.

10.15.-De Groot and the Piecadilly Orchestra (Continued).
10.30.- "The Silent Fellowship."
10.55-Clese down.

## Sunday's Programme.

(Continued from the facing page.)
2ZY MANCHESTER. 378 M . Inaugural Ceremony of the
Manchester and Salford Motor Lifeboat.
To be stationed at
Donglas, Isle of Main
Relayed from the
Traflord Wharf, Manchester Ship Canal.
2.30. THE MANCHESTER CITY and SALFORD CITY POLICE BANDS.
(By kind permission of the Chief Constable
of Manchester and Salford.
THE CEREMONY.
Which includes Speeches by
Sir WILLIAM MHLLGAN, M.D., J.P
The Lady SHEFFIELD, D.B.E., J.P.
Sir GODFREY BARING, Bart. (Chairman of the Royal National Lifeboat Institu tron).
His Excelleney the Lieutenant-Governor of the Iste of Man, Major-General Sir WILLIAM FRY, K.C. V, O., C.E.
Lady FRY.

> And A Religious Service : Condacted by Rev. The Lord

The Bi. Rev, The Lord Bishop of MANCHESTER.
The Rev, Principal GRIEVE, D.D.
Thy Rev, BERENDT SOLOMON, of the Great Synagogue, Manchestei

The Hymms will be led by
The United Choirs. Accompanied by the Bands Conducted by R. H. WILSON
8.0.-S. G. HONET , Talk to Young People ST, BEDE'S COLLEGE CHOIB: Conducted by the Rev. L. MADONE
"o Fome Jesr" ............. Palcatrina
Beligrons Address ly the Rev. J. J TIGRAM, M.A., of St. Bede's College. The Choir, "Justorum Animae " ... Terry fible Reading
The Choir, "Ave Verum " .h......... Mazart
9.0.-DE GROOT AND THE PICCADILLY

ORCHESTBA. S.F, from Lomdon.
10.0.-WEATHER FORECAST and NEWS 8.B. from London Local News
10.15.-De Groot and the Piccadilly Orchestra
(Continued).
10.30.-Close down.

5NO NEWCASTLE. 403 M . 3.30-5.30.-Progranme S.B. from Iondon.
8.30. THE DUDLEY MALE VOICE

Hymn, "Praise To The Holiest In The Height" (A. and M., No. 172).
Bible Reading.
Anthen, "The Souls of the Righteons" Alfred Floyd
Religions Address by the Rev. GEORGE C. JEFFERYS.
Hywn, "Lead, Kindly Light" (A. and M., No. 266).

Prayer.
Vesper.
9.0.-DE GROOT AND THE PICCADILLY ORCHESTRA, S.B. from London.
10.0.-WEATHER FORECAST and NEW8. 8.B. from London. Loca! Newr.
10.15.-De Groot and the Piocadilly Orchestra (Continued).
10.30.-Close down.

2BD ABERDEEN. $\quad 495 \mathrm{M}$. $3.30-5.30$--Programme S.B. from London.
8.30. FERRYHILL PARISH CHUREH

Psalm No. 143 (Second Version) Vs, 6-8 (Tune, "Lenchars*")
The Rev. CHARLES M. ROBERTSON, M.A., Ferryhill Parich Church: Religious Adiress.
Choir: Para, 20 Vs. $1-5$ (Thne, "Trast").
(Continued at foot of next column.)

## HIGH-POWER <br> The lettiors " 5.8 ." printed in itatics in these programmes <br> vienily a Simuitansous Broadcast from the sfation mon-

PROGRAMME.

## 5XX $\quad 1,600 \mathrm{M}$.

SUNDAY, June 21st.
$3.30-5.20$.
$8.30-10.30$.$\} Programine S.E. from Lonidon$
MONDAY, June 22nd.
0.0-11,0,-Programine $8, E$. froas Lendon:

TUESDAY, June 23 rd.
6.0-8.0.-Programme S. B. from Lovilon.
8.0. THE LUTON RED CROSS BAND

Conductor, E. 8. CARTER.
LEONARD HUBBARD (Paritione)
PART I
THE BAND.
Overture, "Figae Datne
LEONARD HEREABD.
"Life and Death" ...... Cateridy Xiyytor "The Erl King " ..................... Sehubert

THE RAND.
Curnet Solo, "Hailstorm"
(Soloist, A. COUPE.
March, "British Legion" J, A. Gretmirood
8.30 .

Ail Hour of

## Old English Music.

VIVIENNE CHATTERTON (Soprano). HAROLD ERAXTOX (Śolo Pimnoforte). MURRAY LAMBERT (Solo Violin). HAROLD CRAXTON:
Rowland
Galliard \} ...... William Byrd-1542-1643
Almand in E ......... Anon-16क Century
"The King's Flunt " fototnBull-1563-1028, VIVIENNE CHATTERTON.
"Strike the Viol" ............... Purcell
"When Flora Smiles "iPhilip\$Rosster-1601

- Willow, Willow ${ }^{*}$
"Phillia Was a Faire Maide
Gites Earles' Song Book-1615 MURRAY LAMBERT.
Sonata in DMinor (Joseph) Gibbe (1699-1788) Adagio Espressivo: Allemanda (Allegro resoluto): Largo sostemuto $\Rightarrow$ Aria con variazione,

HAROLD CRAXTON
A Maske ........) ...Ciles Rarnaby-1560-(?)
Pawle's Wharte) A Faney Orlando Gibhons-1583-1625 Almand in $C$ M Minor ( -4 non- 16 idh Century Why Ask Youl ?" emr. Hamold Cruaton Two Danee Tinef...) Hemry PurcellDance in 15 ........... 1658 -1695 Air on a Ground Rasa) arr. Harold Cruxton Cigue . . . . . . . . . Thomas Arve- $1710-1778$

VIVIENNE CHATTERTON.
"The Earth is Clothed in Cheerfol Grect 1760
" Golden Slumbers Kiss Your Eyes " 1708
"Come, Lasses and Lacls" . . 17th Century HAROLD CRAXTON.
Allemand Karabande $\}$.... Witham Croft- 1678.1727
Sarabande)
Minuet
Giavotte)
9.30 .

BAND PROGRAMME
PART II.
THE BAND.
Selection, "Los Huguenats" .i. Megcrebee LEONARD HUBEARD,
An OId Garden" ........... Mope Tcompt To Anthea

THE BAND.
Descriptiva Piecr, " Alpine Eehoes
Trucami S.B. from Landon.

Mr. A. HAOXD JAMES, S.B. from Lon don.
10.30.-"THR BEAGAR'S OPERA" (ActIV. S.B. from Lowdon.
11.15.-THE SAVOY BANDS. S.B. from Inndom:
12.0.-Close down.

WEDNESDAY, June 24th, THURSDAY,
June 25th, and FRIDAY, June 26th.
6,0 onwarde-Programme S.ES. Jrwi London.

## SATURDAY, June 27th.

6.0-8.30--Propranme S.B. Jrom London.
8.30-10.0-LIGHT SYMPHONY PRO GRAMME. S.B. from Bournemouth.
10.0-10.30.-Propramane S.B. from London.
$10.30-12.0$-THE SAYOY BANDS. \&.E. from Londan.

## (Continued from the previous column.)

9.0.-DE GROOT AND THE PICCADILLY ORCHESTRA. S.B. from London.
10.0.-WEATHER FORECAST and NEWS S.B. trow London.

Local News.
10.15.-De Groot and the Piccadilly Oxcliestra (Continned).
10.30,-Close down.

5SC GLASGOW.
422 M .

## Light Orehestral Programme.

S.B. to Durndes.
3.30-5.30.

THE STATION ORCHESTRA : Conducted by
HERBERT A. CARRUTHERS
LEWIS COWIE (Baritone).
3.30. THE OROHESTRA.

Overtare, "William Tell", ........ Rossini Ballet Musie, " 且frodiade ${ }^{\text {" }}$...... Massenet

LEWIS COWIE,
"The Great Adventare"... P, E. Fletcher "My Hope" $\qquad$ Isobel A whiforde "A Farewell $\qquad$ 4.15. THE ORCHESTRA.

Symphony No. 40 in G Minor ...... Mozar! "In the Steppes of Central Asia" Borodin 4.45.

Song of LEWIS COWIE.
Song of the Clock " .............. Durchell
"Mendin' Roadmays" ......... Eric Coates
"The Tideless Sea" ................. Bowen
"A Lewland Love Song" arr. W. Senior
5.0.
" The Bambula ORCHESTRA.
"The Bamboula * $\qquad$ +........ Coleridge-Tayior
Overture, "Oberon .................... IF beber
8.30. STUDIO EERVICE.

Choir: Psahm No, 84, ( $1-3$ ). (Tune "Harrington," No. 69.) Bible Reading
Choir : Psalm No. 24 (7-10). Second Version (Tune, "8t. Cleorge's, Edinhurgh ").
The Rev, DONALD DAVIDSON, B.D. of Queen's Park U.F. Charch: Religious Address.
Prayer.
Choir: Psalm No. 145, Second Version (1-6). (Tune: "Duke Strect.")
9.0.-DE GROOT AND THE PICCADILLY ORCHESTRA. S.B. from Lendon,
10.0.-WEATHER FORECAST and NEWS. S.B. from London.

Local News.
10.15.- De Groot and the Piecadilly Orchestra (Contimied).
10.30.-Close down

## WIRELESS PROGRAMME-MONDAY (Jme 2rad.)

The letters "s.8." printed in flaties in these programmes signify a simultaneoss Breadeast from the station mon-

The High-Power (Ohelmsford) Pragramme will be found on page 585. 210 LONDON.

365 M .

### 3.15,-Transmision to. Schools <br> Mr. E. Kay

Rotrinson, "Fand Bectles
1.1.-Time Signal from Greenwich. Foetryand Life' (5) by W. Williamsgon Worster. Military Band, relayed from the Lake Bandistand, Wembley, "Where Woman is the Beast of Burden," by Joan Kennedy.
5.0.-An Hour's Dance Mupic
6.0. ЄHHLDHEN/s CORNEF

Masic by Auntie Sophie. "Brer Rabbit Tricks Brer Bear." "Some Animal Iriends of Mine," loy Madeline Collier.
6.30.- Children's Ietters
6.40.-Masic
7.0 . -11 ME SIGNAL FROM BTG BEN. WEATHER FOKECAST and 18T GENERAL. NEWS BULLEIIN. $B, B$. to all Stations.
Dr.J.J.SIMPSON: Fish Which Cammet Squint." S.ES. from Candiff.
7.35,-Musio. S.B. to nill Stutionk
2.40.-Topical Talls. S: B. to uther Statione

An Hour of Popular Classics.
THE WHRELESS SYMPHONY ORCHESTRA
, vonducted by DAN GODFREY, Junr.
8.0, Tone Poem. " Finlandia - Sibelius

Prelude, " LiApress-midi d'wi Faune Debusay
Valse Qraciouse," from Brite in D Minor German
8.25.-Svmphony No. 4 in E Flat ... Glazounoo

Sultarello Grounod
9.0.-THE LONDON RADIO REPPRTOKY PLAYER8

THE LTTTLE QUAKER." Written for Broadcusting by Edgar Wallace
the famous Story Writer and Novelist).
Pisst Oticer
HENRY OSCAR
Captain ....

- D

NCOURT ODLUM
fecond Officer $\qquad$ TARVER PENNA
Pilot
Qunker
PHYLLIS PANTING
Scene: Off the Cormish Const on the Bridge
of an Atlantio Liner.
Produced by H. E. JEFFREY.
9. 25. CECII, DIXON (Pianoforte) und the Orehentra.
Comoerto No. 2 for Piano and Orchestra Rachumanisos
Moderato; Adagio Sostenuto; Allegro Scherkando.
10.0.-TIME SIGNAL EROM GREENWICH, WEATHER FORECAST and 9ND GFNTPAL NEWS BULEETLN. S.B. to all Stations.
Prof, LASCELLES ABERCROBEBLE "The Language of Poetry." S.B. from Leods-Bradford. Loeal News.
10.30. SCOVELL and WHELDON in
A Prograimmo of tlueir
Fevourite Syncopaited Duels S.E. to Cardiff.
11.0.-Close down.

5 IT BIRMINGHAM. 479 M . $3.30-4.30$. - The Station Wind Quintet. Tom Osborne (Baritone).
$+45-5.15 .-$ WOMEN'S CORNER: Sidney Fogers, F.R.H.S., "Topical Horticul. tural Hints-Making the Most of Small Gardens." Gladys Joiner (Soprano).
8.15-CHILDREN'S CORNER.
6.0-6.5.-Children's Letters.
2.0.-WFATHER FORECAST and NEWS. S.B. from London.

Dr. J. J. SIMPSON. S.B. from Cardiff. 7.25 --Musie \&.B. from Eondon.
7.10.-Topical Talk. S.B. from L.ondon.

I THE EXPERIMENTAL TRANSMISSION For Amateur Wireless Engineers will be carried out by the BELFAST STATION, 11.0-11.30.

THE STATION ALGMENTED ORCHESTRA
Condweted by JOSEPH LEWIS.
SIDNEY RUSSELL (Tenor)
EARLE SPICER (Baritome)
French and Italian Music.
THE ORCHESTRA.
Overtwe, "The Watercarriens"
SIDNEY RUSSELL.
Floriants Song
a Charmante Mirguerite
Old
CRA.
Petite Suit
HE ORCHESTRA.
Petite sute EARLE SPICER
Debuatity
Scect:
Cangi dal Caro Bene
Carissime
L'Angelus" (Old Breton Air)

> Decondray

SIDNEY RUSSELL.
E Lecevan le Stelle " ("La Toser
Di Provenga af Mar "("La Traviata")
THE ORCHESTRA.
9.0.

Danse Macabre ". ..........

## British Music. <br> THE ORCHESTRA.

Overture,
verture,
(Withouy Declamation Geqmas (Without Declamation) Elyan
EARLE SPICRR. EARLE SPICER.
Goe to Bed, Sweet Muse "Johnt Dowland
Song of Momus to Mars ${ }^{\text {th }}$. ....... Bogce The Crocadile" ... arr. Brocduramen THE ORCHESTRA.
Sulte, "Four Eighishi Dances"
EARLE SPICER.
Dina "
Cobien
Mçitik
sands $\sigma^{\prime}$ Dee "1"........
The Crown of the Year
Easthoje 3/artint
The Fishermien of England THE ORCHESTRA.
Processionat Mareh
Mackensic
10.0.-WEATHER FORECAST and NEW8
S.B. from London

Prof. L.ASCELLES ABERCROMBIE, S. $R$.
from leeds-Bradford. Loeal News.
10.30.

Flute and Piccolo Recital
ELGAR HUDSON
(of the Hadson Trio).
Flute Solos.
Le Cygne "


Hindoo Chant "

- Rimakey- Saint-Siocis

THE ORCHESTRA.
Pierrette
Piccolo Solos.
Chamivede
Salterello

- Germas

Danse des Satyrs :"........ Le Thiere
The Wren
Danare

## 11.0.-Close down

6BM BOURNEMOUTH. 386 M .
3.45.-Cookery Tallc to Women, by Ada Fcutherstone. THE ROYAL BATH HOTEL. DANCE ORCHESTRA, relayed from
King's Hall Rooms, Musical Direetor,
King Hall Rooms, Musical Direetor,
DAVID S. LTFF. Olive Ostler (Soprano). 5.0.-CHILDREN'S CORNER.
5.30-5.45. - Childrm's Letters.
6.30.-Music.
7.0.-WEATHER FORECAST and NEWS.
S.B. from London.

Dr. J. J. SDMPsON. S.B. from Cardiff. 7.25. Mrasie. S.R. from Londor.
7.40.- Topical Talk. S.B. from London.

Popular Orchestrat Works and
Dance Programme.
THE WIRELESS ORCHESTRA
Conducted by
Gapt, IV. A. FEATHERSTONE.

THE ROYAL BATH HOTEL DANCE ORCHESTRA
Relayed from King's Hall Rooms, Musical Director, DAVID \&. LTFE,

THE WIRELESS OROHESTRA. Selection, "Lilac Time" Schubert-Clutoune Norwegian Rhapsody" .... Seendses Hindoo Chant ", ....... Rimoly-Korsakeo THE DANCE OFCHESTRA. II Trovatore
Keqp Smiling at Trouble
Lange
Peter Pan
Gemiser
Paradise Alles
Hevidereon
Mo and the Boy Friend " $\quad$ Monveb
Take a Little One-Step ${ }^{11}$...... Youmans
Kiano Mania " ................. Fagio
Kahmin'
THE WIRELEKS ORCHESTRA
Overture, "Piqne-Dame " ......... Sup
Selection, "The Tales of Holtmann"
Cavatina " ....................... Redf
Hungarian Dance, No. 5 .... Bratens
8.30.

| " H |  |
| :---: | :---: |
| Totem-Tom-Tom ${ }^{\text {"] }}$ |  |
| ${ }^{4}$ Rose Marie " ......) |  |
| "Oh, Those Eyes " . . . . . . . . . . . Jerome |  |
| Melody of Memorien | ar |
| Mamita" | Tupponies |
| Honest and |  |
| Pcem" | (ib |

10.0. WEATHER FOREEAST and NEWS.
S.B. from London. $A B E R C R O M B E$. S.B. from Leeds. Bradford. Lacal News,
0.30


Symphobia"
Katzman

Tea for Two ", ............. Yotmans
By the Lake " . . . . . . . . . . . . . . . . . Lange
June
Mah-Jong : . ................. Reinhert
Do You Remeraber f Wh....... Herbert
11.0.-Close down.

5WA CARDIFF. $\quad 353 \mathrm{M}$.
2.30-3.0.-Organ Recital, relayed from the Capitol Cinemn.
$3.0-4.0$. The Station Orcheatra : Conduotor, Warwick Braithwaite.
5.0.-" 5 WA'S" "FIVE O'CLOCKS.
5.30 - CHIIDREN'S CORNER.
6.5.- " The Letter Box."
6. $15-6.30$.-Teens' Corner: "Artistic Treasures'
7.0.-WEATHER FORECAST and NEWS
S.B. from London.

Dr. J. J. SIMPSON: "Fish Which Cannot
Squint." S.B. to all Stations.
7.25.-Music. S.B. from London.
7.40.-Mr. F. J. HARRIES: "George Borrow? Welsh Wanderings.

## Music and Mirth. <br> THE THREE ACES

CONCERT PARTY
THE STATION ORCHESTRA
Conductor; WARWICK BRAITHWAITE.
8.0 .

THF ORCHESTEA
Selention, "Faust" . . Gounod.Myddleton
"The Darkey's Dream" ........ Lansing
8.20. THE THREE ACES
in Fun and Frolic.
What About Some "Uhulele Blace ?" Kors
A New Company, "Love Eimited"
Weston and Lee
"A Cigarette Fong" . . . . Potter acid Jukes
A Letier Song, "Dear Matilda."
Some "Cross Words" .............. Potter
Introducing, "Tordles and Rooty" Wea Now for " Africa " . . . . . . . . . . . . . Hantery
8.55. THE OROHESTRA.

Prelude, "Eve" ................ Massened

## WIRELESS PROGRAMME-MONDAY (Jme 2nad)

The fetters "8.8.8." printed in italies in these programmes The letters sim. printed in lulics in these programmes: sicnily
fionted. 9.10

The Third Adventune of Dermond, Tim and Fodge. by
IVOR HERBERT M-CLURE Performed by the
" SWA " RADIO PLAYERS. TVOR MADDOX. SHDNEY EVANS, DONALD DAVIEK, In their Original Parts
Disected and Prodreed by the Author. 9.40 THE ORCHESTRA
Throe Hungarian Dances
Caucasian Suite 1 ppolito Brakime

March, "Turque Ryanot
Mozarl 10.0.-WEATHER FORECAST and NEWS.
S.B. from London.

Trof LASCELILES ABERCROMBIE $0 . n 0$. Prom Lects-Bradford. Local Newi. 10.30.-Programme S.B. from Londen.

MANCHESTER. $\quad 378 \mathrm{M}$.
The Bend of H.M. Life Guands. $3.30-4.0$. (By permiscion of Col, H. C. S. Ash 4.10-5.0. ton.) Conductor, Lieut. H. Eld ridge. Relayed from the Municipal Gardens, Southport.
3.0-3.30.-Broadeast for 8chools : (3.0) M. Albert Thotaille, M.A. (Paris). Reading of French Eiterature. (8.15) Mr. Jamess Bernard, Reading of ${ }^{4}$ Hamlet," Aet I. Scene 2.
4.0-4.10.-Etsie Bradahaw (Soprano)
$5.0-5.15$.-Talk to Women.
5.30.-Children's Letters.
$5.45-6,30$,- CHILDHFLN'S CORNER
7.0.-WEATHER FORECAST and NEWS
S.R. from London.

Dr. J. J, SIMPSON. S.B. from Canilf:
7.95,-Music, S.B. from London:
7.40.-Topienl Talk. 8.B. from Lomiom.

Light Classical, and a Play.
DAISY KENNEDY (Solo Violin),
FRIEDERICK COLLIER (Baritone) MHE ${ }^{+2 Z Y}$ MERMAD CDUB THE + $22 \mathrm{Y}^{*}$ ORCHESTRA.
8.0

THE ORCHESTRA
Overtare, "Fingal's Cave "... Mendelasafin FREDERICK COL.JER.
"How Willing My PaternalLove" I Havdel Revenge, Timotheus Ories DATSX KENNEDY.

- Cappriocio

Danse Ancienne ". ...Dusaek, arr.... Hayd." \& Sarabande et Tambourin '"......... Leclair THE ORCHESTRA.
Suite, "Othello"............ Colerilge-Taytor THE MERMATD CLUB.

The One Ant Play
"A QUESTION OF PRORERTY; by
Dr. Saelville Martin.
Produced by
KIT MARLOWE,
THE ORCHESTRA
"Chant Elegtiaque " .............. Tchaikorvkly FREDERICK COLLIER.
${ }^{4}$ In Summer Timo on Bredon ${ }^{\text {² }}$...... Peel
*T Tsobel ". .......................... Frank Bridge
"The Jolly Tinker " D...............
DAISY KENNEDY.
E. Nercton
"Londonderry Air "...arr. O'Oonnor Morris
"Hungarian Dance ** ...... Brahon*-Jonchim
"Melodie de Ole Buil ".......arr. Stendeen "Chavotie and Musette "......... Tor Aulin THE ORCHESTRA.
"Rakoczy March?
10.0.-WEATHER FORECAST and Berlot= S.B. from London.

Prof. LASCEITLES ABERCROMBIE. S.B. from Leeds-Bradford. Local News,
10.30 . Short Pianoforte Recital. ANNIE LORD.
Variations in F Minor................... Raydn
At the Gonvent ".................. Borodin
Prelude ( ${ }^{\text {F Bergamasque Suite }{ }^{\text {² }} \text { ). Debssey }}$
 11.0.-Close down.

5NO NEWCASTLE. 403 M .
3.45.-Orehestro relayed from Fenwick's Terrace Ten Room
4.45.-Weekly Newa Letter. Landoa Paper. J. Mart in (Tenor).
6.15.-CHILDREN'S CORNER
6.0.-Scholars' Half-Hour: Mr. T. O. Hill. B.Se., "A Day with a Distriet Commissioner."
6.20. Farmers' Corner : Mr. P., W. Wheldon Summer Cultivations.
7.0.-WEATHER FORECASY and NEWS.
S.B. from london.

De. J. J. SIMPSON. S.B. from Candiff.
7.25, Music. S.8. from London.
7.40.-Topical Talk. S.B. from London. Trilby."
A Plisy in Four Acts.
Adapted from Du-Marrier's Novel by William Macreaily,

Charnclers:
(In the order of their arrival).
Madame Vinul...........8AL. STURCEON Talbot Wyane (an Aet ist known as "Taffy") NORMAN FIRMIN
Atexander Mneallister (Another Artist
Sandy ") ......... AT.AX THOMPSO William Bagot (an Artist "' Little Billee" FRED PATTERSON Trilby O'Ferrall (an Artist's Model)

EDNA CODFREY-TURNER
Svengati (a Jewish Musician)
WILLIAM MACREADY
Geeko (a Violinist, his Friend)
ARCHIBALD FATRBAIRN
Mrs. Bagot (Billee's Mother) STELLA EASS
The Rev. Thomas Bagot (His Unwle)
KENDEEW MHSOS
Zou-Zou (an Art Student)
JAMES HERDMAN
Krow (a Theatre Munager)
KENDREW MILSON
Acts I., II., and IN. : A stadio in the Latiin Quarter, Paris.
Aot IIL: Foyor of a Theatre in Paris.
Five Years are supposed to elapse between Acts M. and IIL.
Producod by WILLIAM MACREADY. In collaboration with
KENDREW MHLSON.
\$8.80. THE CAPE TOWN SYMPHONY ORCHESTRA.
Reloyed from the Town Hall, Newcastlo
Condwetor, LESLIE HEWARD.
10.0.-WEATHER FORECAST and NEWS S,B. from I, pidom
Prof. I.ASCFIF,ES ABERETROMRIE. S.R. from Leedr-Brodfom, Loeal News
10.30. PETER BERNARD (Entertame In selections Inora his Repertopre. 11.0.-Clase down.

## 2BD ABERDEEN. <br> 495 M .

11.0-12.0.-_-Gramonhone Mume
$3.50-5.0$. The Winelesa Dance Orchestra. Feminine Topies.
5.30.-CHILDREN's CORNER.
6.0.-Boys' Brigade News Bulletin. GirlGuides' News Bulletin; J. F, Black, Capt. 23rd Coy., on "Camp Hygiene."
6.30. DAVID'S DANDE-TRTO.
7.0.-WFATHER FORECASI and NEWS. S.B. from London.

Dr. J. J, SIMPBON. S.B. from Einditf. 7.25.-Music. S.B. from London.
7.40.-Mr. G. M. FRASERG, Aberdeen City Librarion. "A Historioal Wulk to Bri. mond Fill ${ }^{\prime \prime}(2)$.

Half-an-hour of Grand Opera.
ATEXANDER RICHABD (Bass).
THE WIRELESS OROHESTRA.
8.0. THE ORCHESTRA.

Belection, "The Mnstersingers" . . Wagner
8.15 , ALEXANDER RICHAPD.
is Vulean's Bong" ........................................tiod If Stabborn Men $\qquad$ Haleyy
If Stabborn vien? Sultivan
8.30. FRANCES MORDAUNT (Reciter). Recital
Under the Auspices of the Scottish A-sacistion for the Spenking of Fecse

An Nour of Light Songs.
MEAN W. BROWNE (Mezzo-Soprano). 1DA SAREENT (Songs at the Piauc) ALEXANDER RICHARD (Besa).
9.0.
"IAttIe Irial. Girl"
Ficent.
"Miasie ${ }^{\text {it }}$
Loher
"The Night Nusery . . . . . . . . . . . . . . . Fioker
"Only Feven" ........................... Grmit
"It All Will Come Right In ]
The End"
9.15.

JEAN W. BROWNF
"The Blaekbind In Myy Garden" Weod
"Spring's Awakening . ...... Sondewaon
"Whotll Buy My Lavender ? ". .. Germein
9,25, ALEXANDER RICEARD
${ }^{\text {a }}$ Sing Ye a Joyful Song ${ }^{17}$......... Deorcil
${ }^{\text {* Oh! How Pleasant "Tis to Love }} \stackrel{\text { t }}{ }$ Purcell 9.35.
" Wishin' ${ }^{\text {" }}$ IDA RARGENT.
wishin ...................... Sarpen

"In the Rain Drumbana
"In the Rain ${ }^{3}$..................................

| IDon't Much Mind What You Look Ealse |
| :---: | :---: |
| Sargem |

"Grandma"s Proverhs" . . . . . . . . Sargen!
9.50. JEAN W. BROWNE
"Summer Sweet " $\ldots$............ Holbrooke
10.0.-WEATHEP PORFOASY ind NETYS. S.B. from London.
 from Leede-Bradford. Loeal News.
10.30. THE WIRELFSS QUARTET

Quartet in G Mfijor, Op. 76, No. 1 .. Ifaydn 11.0.-Close down.

5SC GLASGOW. 422 M .
$3.30-4.30 .-$ An Hour of Melody with the Wircless Quartet mid Marganet Aitlan (Contralto).
4.45,-WOMEN'S HALF-HOUR: May Gil christ will speuk about "south Entalinu Ieland."
5.15.-CHILDREN's CORNER
6.0-6.5.-Wenthor. Forecant for Famiers.
7.0.-WEATHER FORECAST AND NEWS
S.B. Jrom Landon,

Dr, J. J. STMPSON. S.B. from CanTitJ.
7.5.-Muain SiB. from Lovdon.
7.40.-Mr. W. KERELEY HOLMER: Topical Talle.

Verse-Song-Music.
S.B. so Belfat and Drendes.

GATHERINE FLEINCHER
(Poetry Recital)
CERTRXDE JOHNSON (Soprimo).
THE STATION ORCHESTRA
Conducted ly 車. A. CARBLTHERS.
8.0. THE ORCHESTRA.

Overtire, "Fuy Blas ${ }^{*}$.... Mendelswolin
Ballet Music, "Sicilian Veppers" . . Yerdi 8.20 . GERTREDE JOHNSON,
"Spring"
Georpo Hensclie!
${ }^{42}$ The Dove Lomidon Ponald
8. 35.
$\mathrm{e}_{\mathrm{n}}^{\mathrm{t}}$ Landan Ponalel
THE ORCHESTRA.
Sute, ${ }^{41}$ Impreraions Rustiques " Ravigade
Prelude and Closing Seene from ${ }^{4}$ Tristan and Isolde
9.0 .

GERTRUDE JOHNSON.
"Pairy Cradles?
"Canterbury Bells
"Piper of Love"
9.15. THE OROHESTRA.

Selection, "Merrie Fingland" ...... German
9.30. CATHERENE FLETCHER.

Under the auspines of the Scottish Aseociu. tion for the Speaking of Verse.
10.0.-WEATHER FOHECAST and NEWS. S.E. from L.ondon.

Prof. I.ASCELLES ABERCROMBHE. S.E. from Leeds-Brodford, Loeal News
10.30. DANEE OROHESTHA

Reloyved from "The Plari."
11.0.-Close doum.

## THE CHILDREN'S CORNER Nws mon me AUNTS AND UNCLES.

## A Man-Hunt In London.

OThursday, June 25 th, there will be a Man-Hunt similar to the one held last year. At five o'clock in the afternoon four Uncles will set out in motor-cara from four different points around London, and will travel to Savoy Hill, arriving there at 6 p.m. A description of the cars to be used, and a general indication of the route to be followed wils be announced during the Children's Corner programme on the day before, Wednesday, June 24th.

Anyone who succeeds in "spotting" one of the cars and who gives a "thumbs up" greeting will receive a return salute from the Uncle concerned. For membens of the Radio Circle there will also be a competition in connection with this Man-Hunt. Four prizes, each to the value of one guinea, will be given for the best description of the cars and their oceupants, The time and the place must be given, also the direction of the cars. By "best" in this case, wo mean completeness combined with shortness.

Nieces and nephews who want to take part in this competition, but who are not yet members of the Radio Circle, should send in their full names and addresses at once, together with a postal order or stamps for one shilling, upon the receipt of which, the Badge and Membership number will be sent to them.

## A Radio Circle'Rally.

It is hoped to surange for a Rally of Radio Cirele Members, in each of several distrigts, on Saturlay afternoons during July and Auguat. If it is poasible to earry vat this plan, some suitablo meeting placo will be chosen and a party of Aunts and Uncles will journey thither to meet members of the " 2 L 0 " Radio Family. Perhaps a receiving set will be brought and, if artangements can be made, the Children's Corner programme for the day will he tranemitted from the Rally by means of special apparatus.

The first district to be visited in this way would be the one which has the largest number of Members, so it is "up" to everybody to work hard to increase the membership of his (or her) own district.

## A Verse-Speaking Choir.

Following on the success of the play, The Moon Path, presented by members of the Dundee Happy Radio Circle, Auntie Jean is arranging a Verse Speaking Choir. The Choir will be trained to speak verse correctly and in unison, and to take up one or two little items with question and response.

## A " Pixie" In Australia.

A letter has been received from a new member of the Birmingham Pixie League, far away in Australia. She lives at Wangella, Kilkivan, and says she will have no difficulty in keeping the rules because ahe loves the birds and flowers so much. The first role will keep itself, for it never snows there and the sun always shines both in winter and summer. The trees are always green and so the birds have plenty of food. There are also many beautiful birdsblue and green parrots, white cockatoos, and canaries which fly around every day among the flowers.

She lives in the Bush, four miles from sehool, to which she rides every day by herself on a tall black horse. There are no houses on the way, and she has to pass a big wide ereek or river, and after a storm it is not safe to cross at all.
Sometimes she rides on "Bon Doone" to drive the cattle to be dipped. She has no picture houses, she said, but has instead a banana plantation, orange trees, also paw-paw, mango and peach trees ; while in summer she is able to gather grapes, water-melons and many other kinds of strange fruits which do not grow in Rngland.
She hopes to listen some day to the Children's Corner from Birmingham, and wishes to be
remenibered to all the Pixies from her home in the Australian Bush.

## Tales of the Open Country.

Every Thursday, from 6.15 to 6.30 , Nomad takes the Leeds-Bradford "Teens" for a walk in the country, some weeks setting off from Leeds and other weeks from Bradford.
They examine the birds, trees, and flowers, and scenery on the ramble, every talk being on an actual walk which Nomad himself has taken. Sometimes he strays right across the Atlantic and takea them for rambles in Canada and describes various interesting treks he has been across the prairie.

Should Girls Play Cricket?
A heated controversy has been aroused at Liverpool by a chance remark made in the Children's Corner by Uncle Toby to the effeet that cricket is not a game for girls, So Auntie Muriel suggested that the question should be debated in the Corner one day, and on Wednesday, July Ist, four members of the Radio Circle (two boys and two girls) will argue the matter before the microphone, and then the vote of listeners will decide whether girls should or shoutd not play cricket.

## A Charity Concert For Children.

On Saturday, July 4th, a Charity Concert for children has been arranged by the Edinburgh Station and this will be held from 4.30 .6 .0 p.m., in the Synod Hall, Edinburgh, and will be broadcast. The concert is in aid of the Humbie Holiday Homes for Children, the Patron of which is the Lady Provost of Edinburgh, Lady Sleigh.

Admission to the hail will be free, but listeners have been invited to send clothing, food and other gifts which will be auctioned and knocked down to the higheat bidder, the money going to the Homes. These Homes have been set up in a healthy spot in the country near Edinburgh with the object of providing a holiday for poor children in the city.

THE INSECTS' TENNIS MATCH.
By LANGFORD REED.


THE two best players among the lady members of the Insectville Tennis Club were Susan Longlegs (daughter of Daddy Longlegs, Esq.) and Gracie Grasshopper, whioh, I suppose, was only to be expeoted for they were the most active. So jealous did they become of one another that a tournament was arranged between them to decide which should be the lady champion of the club, Mr. Dragon Fly, the strongest creature in Insectville, and the best gentleman player in the clab, consented to act as umpire.

A brand-new court, nearly a foot in length, was peopared and after the Caterpillar family had nibbled the grass till it was, nowhere, higher than a Ladybird's ankles, ten of the fattest and heaviest Woodlice in Inseotville tueked themselves into balls, in the funny and
ingenions way these queer insects can, and were then rolled about by Beetles all over the tennis court till it was as smooth as a baby's head, or nearly so. Then Sammy Snail crawled along and marked it ready for nee,

Meanwhile, Mr. Garden Spider spin a brandnew net and fixed it in position between a couple of old matches which had been get up as posts. And I must tell you about the racquets and balls The former were cut from sun-dried leaves, with the stem las handle, and the latter cousisted of seeds brought from the Vegetable Garden.
The day of the tournament arrived at last and thesupporters of the two champions gathered in sfrong foree. The weather was bright and fine and the court in perfect condition, and there seemed every prospeet of a keen and enjoyable game.

Unfortunately, however, insects are poor sportsmen, they do not play fair, as you do When you take part in games. For example, when Susan Longlegs served, she put no leas than seven out of her eight feet on the court and claimed that this was in accordance with the rules of tennis which insist that one foot must bo outside the back crease. After an angry dispute, in which the friends of both parties joined, it was settled that all players with eight feet must keep at least half of them outside the court when serving the ball.
"What happens when I play ?" asked the Centipode.
"You don't play," retorted the Dragon Ely, "at least not in any club which can claim me as a member. Fifty pairs of feet trampling down the court at a time is much too nuchof a good thing.'
"It's a shame!" grumbled the Centipede, - Tve bought my temis shoes all ready to begin playing next week, and now I shall have them on my hands.'
'Then you'll be able to wear 'em as gloves,' sniggered the Dragon Fly, who fancied himself as a wit. All the other inseots, whe were anxions to keep in his good graces, Iaughed at this poor joke and good humour was restored.

But alas ! no sooner was the first point scored, by Susan Longlegs, than another row occurred. This was because Mr. Dragon Fly looked towards that young lady and called out, "Fifteen, love," which, as you know, is the name of a point in tennis. But Mra. Dragon My, who was of a jealous disposition, thought that her hushand was trying to be affeetionate to another and not only boxed his cars, but called Miss Longlegs a minx. The quarrel that followed was more serious than the other, and as all the insects joined in, the court was soon covered with a crowd of angry creatures abusing one another at the top of their voices. They made such a noise flat they atfracted the attention of a pair of hungry sparrows who were passing overhead. They swooped down and almost before you could have said "knife," or, at any rate, "knife, fork and spoon," about half the members of the Insectville Tennis club had resigned, by which I mean that the sparrows had them for lunch !

So the club came to an end through lack of sapport. It was a great pity, but the members had brought the disaster on themselves by their quarrelsome dispositions and their lack of sporting instinct.

## WIRELESS PROGRAMME-TUESDAY (Jme 2rd.)

The letters "s.s." priated in Halies is these programmes ne letters sig.s." printed in Halica is these programmen sisnity.
The High-Power (Chelmsford) Programme will be found on page 585 . $2 L 0$ LONDON.

365 M .
L.U-20. - Time Signal from Greenwich. Holborn Restaurant Lunicheon Musie.
3.10-3.45.-Transmiscion to Nchoola: Misan Ethel Homo on "Music
4.0-5.0. - "Hooks to Read," by Ann Spive. Organ and Orchestral Music, relayed from Shepberd's Bush Pavilion. "The secret of the Summer Natad" by th Josiah Oldfield.
6.0.- CHHDREN'S CORNER.
6.30.- Cruldren's Letters.
6.40.- Music,
7.0.-THME: SJGNAL FROM JHG BEN. WEATHER FORECAST and 1ST GFNERAL. NEWK BULTETTN ふ.E. to adl. SFritions.
JOHN STRACHEY, Literary Cririelem. S.B. ro alt Srations.
7.25:-Musle, S.B. to ail Sratime.
7.40.-: A Month's Holidey in Ealertine." by Mrs, ISABEL CRESSWELI. $B . B$. to ofher Stations.
$8.0-10.0$. All Stations Programme.
10.0. - TMME SIGNAI HROM GREENWMCH WEATHER FOREGAST and 2ND GENELEAL NPWS BULLETIN. S.B. fo all Stations.
10.30-11.15.-(approx.) All Stationi Programine (continued.)
Mr. A. J.\&OYD JAMES, Honsomant Sounds." S.E. to atl Stations.
Local News
11.16 (approx).-THE SAVOY ORPHEANS and THE SAVOY HAVANA BAND, Relltyed from the Savoy Hotel. Lendort S.B. to all Stationte.
12. 0.-Close dowa.

5IT BIRMINGHAM. 479 M . 3.30.-School Tronsmiscion: Josepl Eewis (Station Muaieal Director). Musicul Appreciation.
$4.0-4.30$. Lozjells Pieture Howse Orehestrn.
4.45 -WOMEN'S CORNER; Errest Sindford. Kome Caisens of Taughter.
5.15 CHILDREN'8 CORNER.
$0.0-6.5$. Children's Letters.
7.0.- WEATHER FORECAST And NEWS. S. $B$, from London.
TOHN STR ACHIEY.

JOHN STRACHES, S.B. from London.
7.25,-Music. S.II. from Londom.
7.40.-Mns. IEABEL CREISSWENE S.E: from t.ondon.
8.0-10.0. 1-All Stations Programme (Kor 10.30-11.15. 1 particulars see centre folurnn.) 10.0.-WEATHER FORECAST and NEWS. S.IS, from fondon,

Mr. A. LLOYD JAMES. S.E. from Londion. Local News.
11.15. THE SAVOY BANDS, S.B. from fendon.
12.0 ,-Close down

6BM BOURNEMOUTH. 386 M . 3.46.-Danco Talk to Women by Ponald Greene. The "6BM" Trio: Fions MoMillan (Pianoforte).
5.0.-CHILDEEN'S CORNEE.
$5.30-5.45$. Childiren's Letters.
6.30-6.45.-Farmers' Talk: "Poultry," by J. P. Harding.
7.0,-WEATHER FORECAST and NEWS. S.B. from London.
OHN STRACHEY

TOHN STRACHEY. S.B. from London.
7.25.-Music. S.B. from London.
7.40. - Mrs, ISABEL CRESSWELI. $S . B$ from Lionaton.
$8.0-10.0$. f-All Stations Programme, (For 10.30-11.15. 1 particalars see centco column.) 10.0.-WEATHES FORFCASI and NEWS. S. R. from Fondon.

Mr. A. L.LOYD JAMES, S.B. from Lordon. Loeal News

## -

## aLL STATIONS PROGRAMME

 (except " $5 \times X^{\prime \prime}$ ".Relayed from London.

## 8.0-10.0.

Ia IDiosummer Rigit's Ðream."
(William Shakespeare.)

## Dramatis Persons:

| Lysander | ERNEST MILTON |
| :---: | :---: |
| Demetrius | HENRY OSCAR |
| Ouince | CHARLES R. SIONE |
| Snug | TARVER PENNA |
| Botto | IVAN BERLYN |
| Flute | LEONARD CALVERT |
| Snout | ERIC LUGG |
| Starveling | DRELINCCURT ODIUM |
| Hermia | ELAINE INESCOURT |
| Helena | MARGARET HALSTAN |
| Oberon | MILTON ROSMER |
| Titania | IRENE RCOKE |
| Puck | HAY PETRIE |
| Fairies | ElISABETH DUNDAS |
|  | ano for Lyrics. ENCE HOLDING. |

Incidental Music by Mendelssoha will be played by
THE WIRELESS ORCHISIRA :
Conductor, DAN GODFREY, Juar.
The Play produced by
R. E. JEFFREY.

950 (approx.). "From My Window,"
by PHILEMON.

> 10.30.- 11.15 $\left.\begin{array}{c}\text { (approx.). } \\ \text { Act IV. } \\ \text { of }\end{array}\right)$.
"Cbe Heggar's Opera." by Mr. GAY.
Music Arranged and Composed by FRECERICK AUSTIN.
Relayed from the Lyric Theatre, Hammersmith.
11.15. - THE SAVOY BANDS, s.B. from 190 Londorr.

## 5WA

## CARDIFF,

353 M.
8.0.-Schoot Transminaion: "The Mfngie Cryatal," by Mr. Guy Poceek (a) Miltosi Meets Galileo"; (b) "Oromwell Eeads His Cavalry at Ninuebes.
3.30.- The Station Trio.
4.0.-The Carlion Orohestra, relayed from the Carlton Restaurant.
5.6.-"5WA'S" "FIVE O'CLOCKS.
5.30--CHLDDREN'S CORNER.
6.5.-" The Iatter' Bor.'
$6.15-6.30$.- Teens' Corner : Boys' Story
7.0.-WFATHER FORECAST and NEWS.
S.B. from London.

JOHN STRACHEY, S.B. from London.
7.25.-Musie, S.B. from Lopelon.
7.40.-Miss D. J. C. REES: "Makers of Hintory- (IV.) Lord Shaftebbury."
8,0-10.0. f-All Stations Programme. (For 10.80-11.15. particnlars see above.)

10,0 -WEATAER FORECAST and NEWS.
S.B. from Landon.

Mr. A. LLOYD JAMES. S.B. from London.
Local News.
11.15,-THE SAVOX BANDS. S.B. from fonetor.
12.0.-Close down

2ZY MANCHESTER. 378 M .
$1.10-2,0$.-Tuesday Midalay Society's Concert, folayed from the Houldisworth Hall. Annio Caley (Yocalist). Roy Ellett (Solo Pisnoforte)
3.0-3.30.-Bruadcast for Schools : Mrr, E. Stims Hilditeh on "Musical Appreciation."
4.0-5.15. Concert by the "27Y " Quartet. Bat Ryan (Solo Clarinet). Talk to Pat Ryan
Women.
5.30.-Childreu's Letters.
5.45-6.30.-CHILDREN'S CORNEE.
7.0.-WEATHER FORECAST and NEWS. S.B. from Lendor.

JOHN STR.ACHEY. S.B. from E.ondon. 7.25,-Muste. S.B. from L,ondon.
7.40.-Local Radio Society Tolk.
$8.0=10.0$. f All Stations Frogramme. (Fior 10.30-11.15, $\frac{1}{}$ parifieulars see centry columin.) 10.0.-WEATHER FORECAST and NEWS S.B. frum London.

Mr. A. HLOYD JAMES, S.B. from Lendon.
Focad News.
11.15.-THE SAVOY BANDS. S.B. from London.
12.0.-Close down

## 5NO NEWCASTLE. $\quad 403 \mathrm{M}$.

11.30-12.30.- Hetty Black (Mezzo-Soprano) Walter Scott (Concertina). Gramuophon, Reconds.
3.45.- Fnglish Masic: Tom Darskin (Tenor). The Station Trio. London Papers.
$5.15-6.0$. CHIEDREN'S CORNER.
6.40.-Mr. H. V. Renn : Eilass and Glass Making. ${ }^{\text {. }}$
\%.0.-WFATHER FORECAST and NEW8 8.B. from Londoti.

JOHN STRACHEY. S:B. from Lendon. 7.25.-Musie, S.B. from Lendon.
7.40.-Mrs. ISABEL, CRESSWELL. $S . B$. from London.
8.0-10.0. $\{$-All Stations Programme. (For 10.50-11.15, particulats see oentro column.) 10.0.-WEATHER FORECAST and NEWS.
S.B. from Lindon.

Mr. A. LLOYD JAMES, $S, B$. from London.
Local New.
11.15. THE SAVOY BANDS, S.B. from 12.0.- Clowe down

## 2BD

## ABERDEEN.

495 M.
3.30-5.0. The Wirelers Orchestra, Margaret

Milne (Sopmino) Gramophone Muste Coruer. Feminine Topics.
$5.15-6.0$ - CHHDDEN'S CORNERE
6.30.-Gramophone Murie.
7.0. WEATHER FORECAST and NEWS. S.B. from Lowdon.

JOHN STRACHEY, S.B. from Londom.
7.25.-Mrasic. S.B. from Londen
7.40.-Dr. W. DOUCLAS SIMPSON. F.S.A
(Scot.) : "A berdeenshire Bofore History (3) The Stoort Cist Foik.
8.0-10.0. -All Stations Programine. (For 10.30-11.15. perticulars sees centre column. 10.0.-WEATHER FORECAST and NEWS,
S.B. from Landon.

Mr. A. LLOYD JAMES, S.ES from London. Local Newa.
11.15.-THE SAVOY BANDS 8.EF. from

London.
12.0. Close down.

5SC GLASGOW. 422 M . 3.30-4.30, - th The Plaze" Danee Orchentra, 4.45-WOMEN'S HALE-HOTR: Frank Gor don (Bass-Baritone).
5. 15.-CHILDREN's CORNER.
6.0 -6.5,-Woather Forecast for Farmens.
7.0.-WEATHER FORECAST and NEIVS.
S.B. from London.
7.25.-Musio. S.B. from Lendor. from London. 7.25.-Musio. S.B. from Londor.
7.40 .- Chima- Shen
7.40.-"China Shanghai, the Native City," by 3tr. JAMES S. FYFE.
8.0-10.0.
$10.30-11.15$ \{ All Stations Programme. (For 10.30-11.15 partieulars see centre column.) 10.0.-WEATHER FORECAST and NEWS. S.B. from London.

Mr. A. LIOYD JAMES. S.B. front London. Local Nowa
11.15,- THE SAYOY BANDS: S.B. Proms
London.
18.0.-Close down

## WIRELESS PROGRAMME-WEDNESDAY

The letters "s.B." printed in Halice in these pragrammes sicnity a simultaneous Eroideast from the station menfioned.
The High-Power (Chelmsford) Programme will be found on page 585 . $2 L 0$ LONDON.

365 M .
3.15-3.45.-Transmission to Schoois : Mr. G. N. Pingriff, M.A., B.Sc. (Lond.), "Earth Movements.
4.0.-Time Signal from Greenwich. "My Part of the "Country," by A. Bonnet Laird. The "2L0". Trio and Miss M. V. Stevenson (Eoprano), "What the Princo Will See in south Africe" (4), by An nette Adanis.
5.0. - An Hour's Dance Masic.
6.0.-Ohildren's Corner: Musical Ippravisil tions and Chat by Uncle Jeff, "Kwak!" told by Auritio Yyette
6.30.-Children's Letters.
6.40.-Music.
7.0.-TIME SIGNAL FROM BIG BEN. WEAFHER FORECAST and 187 GENERAL NEWS BULLETIN. S.B. fo all Stations.
Air Commodore T. I. WEBB BOWER C.B., C.M.G., "The Air Force Display." S.B. to all stations.
7.25.-Mukic. S.B. to alt Stations except Manchester and Belfost.
7.35. - The Week's Work in the Garden, by the Royal Horticultural Society. S.B. to other Stations.
7.40--Miss A. E. HORNIMAN, " Stage Mie haps." S.B. to other Statione.

## Water Music.

GLYN EASTMAN (Bass).
KATHLEEN LONG (Solo Pianoforte). THE WIRELESS ORCHESTRA.
8.0.

THE ORCHESTRA.
Suite, "La Source"
GLYN EASTMAN.
Skye Boating Song
Traditional, arr. Maleolom Liarron
Song of the Volgs Boatmen"
Chatiajine-Kocmemawn
KATHLEEN LONG.
"Jeux d'Eaux " ("Waterplay ") ... Rave!
The Sen "r Oncurimetan Palmgran
Intermezzo, "On the Bosphoras
Lincke

## Sans Souci.

An Hour of Love, Laughter, and Ialeness. Venice is not the only place where the witchery of waterways inspires melody gaiety, and romance.
Fer an hour before sunset we shall broadcast from the upper reaches of the Thames, giving listeners the sounds accompanying that feeling of dotec far niente, so inseparably associated with the river

THE ORCHESTRA.
Le Cygne" "............. Saint-Saen (Solo Violoncello. AMBROSE

> GAUNTLETT: KATHLEEN LONG

Au Bord d'une Source" ("Beside a Spring ")
ter Way-tail
THE ORCH
THE ORCHESTRA.

* Water Musie ? $\qquad$ .... Handel-Harty
10.0.-TIME SIGNAL FROM GREENWICH. WEATHER FORECAST and 2 NB GENERAL, NEWS BULLETIN, SB. GENERAL N
Sir HENRY FAIRFAX-LUCY, "Imperial Migration." S.B. to all Stations. Local News.

```
10.35.
```

A Harp Recital
SALZEDO
S.B. to all Stations.

## 5IT

## BIRMINGHAM. $\quad 479 \mathrm{M}$.

3.30.4.30. - The Station Pianoforte Quintet. Erig Graie (Baritone)
4.45--WOMEN'S CORNER: H. G. Sear, The Evolntion of the Waltz," with Pianoforte Illuatrations by Nigel Dalla way.
5.15.-CIHLDDREN'S CORNER.
6.0.6.5.-Children's Letters.
7.0.-WEATHER FORECAST and NEWS
S.B. from London.

Air Commodore T. I. WEDB BOWEE. S.U. from London
7. 25. - Masice S.B. from Laudon
7.35.-Mafic: S.S. From London.
7.35- Poynt Horticultmat Society. Talk. S.B. from Leaddon.
-40.-Miss A. E. HORNIMAN. S.B. from London.

THE STATION ORCHESTRA.
GRRTRUDE DAVIES (Soprano).
GEOIGREY DAMS (Tenor):
MARIE HoWES (Contralto)
PETER BERN ARD (Speciality Enfer
THE STATION REPERTORY CHORUS
An Hour with sir Henry Bishop.
THE ORCHESTRA.
Overtare, "The Miller and His Men. GERTRUDE DAVIES
Bid Me Discourse,
GEOFFREY DAMS.
My Pretty Jane.
THE CHORUS.
Glee, "The Choagh and the Crow. THE ORCHESTRA.
Overture, "Guy Mannering, GERTRUDE DAVIES.
Should Ho Upliraid!'"
GEOEFREY DAMS.
The Pigrim of Love.

> THE CHORUS,

Glees Now Tramp Otor M
(" Goodnight, Good Rest. THE ORCHESTRA.
Overture, "As You Like It.

## Modern Songs: Humorous and Otherwise.

 MARIE HOWES.Rest at Mid-day in -.. Janet Hamizton - Touch Not the Nettle " Nicholas Gatty - Four by the Clock ".......... Mallinson Tone "t the Clock
.................. Quilter 'Shepherd's Song BETAN PERN.
"Save a Little Sunshine for a Rainy Day '
"Mary of Mine" ................... Thurston
Gypsy Lady " ……........... Ahhlhein
Don't Build a Wall Round the Girl You Love " ................................... Arthar MAKIE HOWES.
Sigh No More
I'll Pock You to Fest "1........... Aikin
Love's Philosophy "
Love's Philosophy .............. Quiteer
I Know is Bank'
TKnow a Bank There's a Bower of Rosers.t Aartin Shate There's a Bower of Roser "t ... stanford PETER BERNARD.
Kentacky Dixie Way " .............. Racte
Bombay Rose Neat
' What Could Bo Fairer Than That?
Thurston
1 Don't Cure What I Do "
0.0-WVACHER FORECART and Ctapham
S.B. from London.

Sir HENRY FAIRFAX.LECY, S.B. from London.
Local News.
10.35.-HARP RECITAL by SALZEDO. S.B. from London.
11.0.-Close dowi.

## GBM BOURNEMOUTH. 386 M .

 3.0.- The Municipal Augmented Orchestra: Depaty Conductor, Montague Birch. Jose de-Moraes (Tenor). Relayed from the Winter Gardens.4.20-4.45,-Fashion Talk to Womes, by Rence Durand.
5.0.-CHILDREN's CORNER : Unelo Jack's

Fairy Leagiee Talk.
5.30-5.45.-Children's Letters.
6.30.-Masied
7.0.-WEATHER FORECAST and NEWS. S.B. from London.

Air Commodore T. I. WEBB BOWER.
S. 13. from Lomdon.
7.25.-Musie. S.B. from London.
7.35.-Royat Hortientural Society Talk. S.B. Jrom London.
7.40.-Station Dinector's Talk.

BETTY THOMPSON (Soprano)
MURIEI, GOLTON (Coutraito).
If ARRY NIGHTINGALE (Baritone).
BERT KELLAWAY (Tenor).
THE WIRELESS OHCHESTRA
Conducted by
Capt. W, A. FEATHERSTONE. Musical Comedy.
8.0.

THE ORCHESTRA,
Selection, "Katja the Dancer" ... Gillocr BETTY THOMPSON AND BERT KELLAWAY.
Love's Sentry " ("Madame Pompudour") MURIEL GOLTON AND HARRY NIGHTINGALE
Josephin ("Madame Pompadour "y Eoll THE ORCHFSTRA.
Selection," No No Nanette" ... Youmans Orchastral Suites.
8.30. THE ORCHESTRA.
-Scénes Napolitaines
Mossenet
Three Dances ("Nell Gwyen") Ed. German Caucasian Sketches "o ... Ippotitov-l ronop

## Bailads and Baliad Music.

8.0
9.5.

The Glory of the Yomg Green
H. Lehr

BEKT KELLAWAX
9.10 The BaHad Monger ... Eusthope Martin THE ORCHESTRA.
'Ballad Memories"' M........... 'Gipsies ' .................... Graham Pee3
9.30. HARRY NIGHTINGALE

The Stoelrider's Song ${ }^{\prime \prime}$..............James Comic Opera Scenas.
BETTY THOMPSON, MURIEL GOL
TON, BERT KELLAWAY, HARRY NIGHTINGALE. THE ORCHESTRA.
Scenas $\left\{\begin{array}{l}\text { "The Rebel Maid" } \\ \text { "... Phallips }\end{array}\right.$ 10.0-WEATHER FORECAST and NEWS. S.B. from london.

Sir HENRY FAIRFAX-LUCY. S.B, from London.
Local News.
10.35.-HARP RECITAL by SALZEDO, S. $B$ from London.

## 11.0.-Close down.

5WA OARDIFF. $\quad 353 \mathrm{M}$.
3.0.- Orgau Recital, relayed from the Park Hall Cinema.
3.30-4.30.-Garforth Mortimer and his Orchestra, relayed from the Park Hall Cinema. 5.0.-"5WA'S" "RIVE O'CLOCK8."
5.30.-CHILDREN'S CORNER.
6.5.--" The Eetter Box."
6.15-6.30.- TTeens' Corner : "Things to Make," 6.45,-Local Radio Societies' Bulletin.
7.0.-WEATHER FORECAST and NEWS.
S.B. from Londow.

Air Commodore T, 1. WEBB BOWER. S.B. from London.
7.35.-Royal Horticultural Society Talk. S.B. from London.
7.40.-Miss A. E. HORNIMAN, 8.B. jrom Londom.
is Famsus Operatic Ensembles.
JOSIE FEARON (Soprano).
CONSTANCE WILLIS (Contralto). DENNIS NOBLE (Baritone).
HERBERT THORPE (Tenor). THE STATION SYMPHONY

ORCHESTRA:
Condactor, WARWICK BRAITHWAITE.

## WIRELESS PROGRAMME-WEDNESDAY

(June 24th.)

The letters "s.e." priated in italice in these programmen sigaity a simultaneous broadcast from the station menfioned.
8.0 .

Entr'actes Nos. 2 and 3 fromi" Carmen
Daet from "Pagliachi" ......... Leoncavalle Nedda JOSIE FEABON Silvio

IntermezzoTHE ORCHESTRA
Intermezzo from " Pagliacci " Leoncarnillo Duet from "Samson and Delalah," Act II.
nint-Saèns
Delilah …....... CONSTANCE WILLIS Samson ........... HERBERT THORPE Leonora ................... JOSIE FEARON Mannco ............ HERBERT THORPE Count di Lana ......... DENNIS NOBLE THE ORCHESTRA.
Funeral March from " The Twillight of the Gods " ............................. Wagner Duef, "Shake the Cherry Tree" ("Madame Butterny

JOSIE FEARON Butterfly ................ JOSIE TEARON Suruki …......... CONSTANCE WILLIS
Quartet from " Riguletto," Act IV. Verdi
Gilda Gilda ....................... CONIE FEARON Duke of Mantua HERBERT THORPE Rigoletto THE ORCHESTEA.
"Siegtried Idyll"
Overture, " Mignion
10.0. WFATHER FORECAST and NEWS,

Wagner
... Thomas
S.B. from London.

Sir HENRY FAIPFAX-LUCY, S.B. from London.
Local News.
10.35.-HARP BECITAL by SALZEDO. S.B. from London.
11.0.-Close down.

2ZY MANCHESTER. 378 M . 3.0.3.30,-Broadcast for Schools : (3.0) Natare Tatk; (3.15) Miss Reyoolds: "The Story of Herakles" (4). (Band of H.M. Life Guards. $3.30-4.0$. $\int_{\text {Hy kind permission of } \mathrm{Col}}$ 4. 10-5.0. ${ }^{\text {Lieut. H. Eldridge. Relayed from }}$ the Municipal Gardens, Southport.
4.0-4.10.-Harold Fletcher (Baritone),
5.0.5.15. -Talk to Women.
5.30.-Children's Letters.
5.45-6.30.-CHILDREN'S CORNEE.
7.0.-WEATHER FORECAST and NEWS
S.B. from Bowdom.

Air Commodore T.
7.30.-Royal Horticaltural Society Bulletin.
7.36.-Mr. W. F, BLETCHER, Examiner in

Spanish to the U.I.C.I., Spanish Talk.
"2ZY" Presents
The 4th Edition of

## "The 7.30 Rovue."

Scene I
Jayenile Lead and Chorus in a Novelty Number, " $2 \%$ Y " …....... R. Guy Reede
Juvenile Lead (Song) " Loveland"
Miehael Head Quartet, "Peacock Parade" ..... Anclife Soubrette and, Comedian (Duet), "Boots and Shoes" "Hono............... Rubene Sceme II.
Comedienne and Juvenile Lead (Duet), "First Me, Then You" ........ Tenmant Comedian (Sond, '" It Must Be Trying To Be Mad " ("Who's Hopper?') ... Talbat Quartet, "Believe Me " .............. Wolff Juvenile Lead (Song), "Secrets

Allon, Camptell Conelly Emubrelte, "Oh, Oh, Im't He slow" Evans Dialogne, "Emigration "

Soprapo (Song), "Here By The Ben
Comedian und Sombrette, "You Waratio Call Me Baby "..................... Wolly Juvenite Lead (Song), " Shellin' Peas Quartet, "Harry Back" Keopp, Dinaxay and Kar/mim Comedienne (Song), "Sally's Come Home Agaiu" ..................... Kerrick Wincott Sramo (Song) Ecene IV,
Sopraso (Song), "The Island of Etarici" Comedian, " Done ${ }^{\text { }}$

Bluffa, Bailey and Stanley Quertet, " Ukulele Blues "
Stage Directar, Lapham, Breen and Kors The Compry Novello The Compary, "Camping" Daizy McGcogh Scene V.
Soprano (Songh, " Wandering "
Comediense (with Quartet)
Wilde
*Oh.
I Wish I Krew "... Brockman, IV cudling Quartet, "Oh, Papa " …............ EZman Soubrette, "Oh, Daphne " .............. Boodle Juvenile Lead, "The Bariey Mow

Homand
The Company, A Novel Song Scena, "Songs Of a Wayside ln

Kay Forter and F. Muller
Produced by YICTOR SMYTHE.
Solos and Ensembles rehearsed by ERIC FOGG.
Directed by D, E. ORMEROD.
10.0.-WEATHER FORECAST and NEWS S.B. trom Landom.

Sir HENRY EATRFAX-LECY, S.B. from Loudon.
Local Nows
10.35.-HARP RECITAI by SAL.ZEDO. S.B. from Loadon.
11.0.-Clase down:

5NO NEWCASTLE. 403 M .
3.45,-Orchestra, relayed from Fenwick's Terrace Tea Room.
4.45.-James Mark (Violin), London Papers. 5.15-- CHILDREN'S CORNER.
6.0.-Scholars' Half-Hour. "The Story of Sir William Ramsay," ly Mr. E. J. Williams, B.Sc.
6.20.-Farmers' Comer: Mr, H. C. Pawson, " Agricultural Research.
7.0.-WEATHER FORECAST and NEWS. S.B. from bondon.

Air Commodore T. I. WEEB BOWER. S,B, from London.
7.25,-Music, S.B. from Lendon.
7.35.-Royad Horticultural Society Talk.
7.40.-Miss A. E. HORNIMAN. S.B. from Emrion.

## Verdi.

GERTRUDE JOHNSON (Soprano). WILLTAM HENDFY (Baritone). THE STATION ORCHESTRA: Condactor, EDWARD CLARK.
8.0. WILLIAM HENDHY.
Recit., "Can This Be Real?
"Aria, "Oh, Tllasion "
Caballetta, "The While Wea- ("Erisani" ")
pon of Revenge" .............)
8.10 THE ORCHESTRA. March from " Aida."
8.20. GERTRUDE $30 H N B O N$
"Saper Vorreste" ("Un Ballo in Maschera ").
"Merce Dilette Amiche "' (" I Verpri Sicıliani ${ }^{71}$.
8.30. WILLIAM HENDRY.

Recil., "The Last Farewell
IBin Thee .............. ("Simon Aria, "Tortured and Torn Boccanegra ")
with Suffering " ........

Rerit., "My Country ". . . . . .) ("I Vespri Aris, "O Thou Palermo" .. Siciliani")
8. 40.

## Selection, THE OROHESTRA.

Selection, "il Trovatore?

## . GERTRUDE JOHNSON.

Addio, del passato dei sogno ( fr La Ahent fors e lui " ................... Traviata"
9.0.

THE ORCHESTRA, Bellet Masic from the "Siclian Vespers.
5. THE LONDON RADIO REPERTORY PlayYERS
CHRISTOPHER COLUMBUS
A Historical Listening Play by Bichard Hughes.
(Author of "Danger," "The Man Why Sang in fis Bath, " etc.)
Columbre .................. HENRY OSCAR
Bosun ............ DRELTNCOURT ODLUM
Cakin Boy …..t........... LEWI8 SHAW
Manoel ….................. TARVER PENNA
Diego ..................... ASHTOX PEARSE
Scene: The deck of the Sonta Maria, Octoher, 1492.

Directed by B. E. JEPFIEY,
9.45. THE ORCHESTRA.

Valse-Caprice …................... Rubinatcin
10.0-11.0.-Programme S.B. from Lundon.

2BD ABERDEEN. 495 M
3.30-5.0.-Scottish Afternoon: The Wireless Orchestra. Ruth Donald (Soprano). Feminine Topics.
5.30-6.0-CHILDREN'S CORNER.
6.30. THE WIRELESS OHCHESTRA. Cobeert Valses.
7.0-WEATHER FORECAST and NEWS.
S.B. from Londor.

Air Commodore T. I. WEEB BOWER. S.B. fram Lendan.
7.as.-Music. S.B. from London.
7.40.-The Rev. MoINTOSil MOWAT, B.L.,
on " Things That Matter-Solitude.'
8.0-10.0.-Programame S.B. from Glavgove.
10.0-11.6.-Programmet S. B, from Londom.

## 5SC

## GLASCOW.

422 M.
11.30-12.30.-Midday Transmission.
3.30.-Beoadeast to Schools.
4.0.-The Wireless Quattet. Iua Fergasou (Soprano).
4.45.-WOMEN'S HAEF.HOUS ; Sioclair Leonard, on "Elotsam."
5.15.-CHILDREN'S CORNER.
6.0-6.5.-Weather Forecast for Farmers.
7.0-WEATHER FORECAST and NEWS.
S.B. from London.

Air Commodore T. I. WEBB BOWER S.S. Jrom Landon.
7.25,-Mnsic. S.B. from London.

740 - Mr. D. B. MUNGO, M.A., LL.B., Secretary for Scothand. "

## Beethoven Masterpieces.

8.B. to Abcrduen, Edinbirgh, and Dundec. THE STATION SYMPHONY

ORCHESTRA:
Condacted by
HERBERT A. CARRUTHERS
DAISY KENNEDY (Violin)
THE STATION CHOIR.
8.0, THE ORCHESTRA.

Overture, "Leonora," No. 3 in C.
8.15. DAISY KENNEDY,

Concerto in D Major, for Violia and Orchentra.
8.45 THE CHOIR AND ORCHESTRA.

Symphony No. 9 in D Mirior (Choral).

### 9.46. DAIBY KENNEDY

Violin Solo, " Romance."
10.0-11.0.-7'rogrammo S.B. fran Zondon.

## WORLD RADIO TIMES.

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

EIFFEL TOWER (FL FRANCE.
 .40 a.m., Weather (exe, Suc.); 1u. 0 . Whathota (ese

 RADIO-PAIIS (CFA) $-1,750 \mathrm{~m}$. (abl, \& kw.) Sundays: 12.45 pm.m, Con., News; 8.15 , News, Eqpec-
ante (oos. or Dance. Weeke. Cons: of Dance.
Weekdays: $12,30 \mathrm{p}, \mathrm{ta}$. Con. Market, Weither, News 4.30, wtock Eart.; Cons, (The.); 8.15, Newe, Can. of wance. de Mac.m Marts provites a spectal Con.
 0015 kw . CFR frequeatly reliys 5 NX after $10.0 \mathrm{p} . \mathrm{m}$ ECOLP SUP, DES POSTES ET TELEGRAPHES (PTT) Parts, $45 \%$ m. ( 800 wh)

2 p.m, Lec, rechyed from Sorbonne Enlverity (Thu,
 or entside relay almont daily
TITIT PAMESEX "- Parts, 3 ts in. (500 w.).
ATELAERS JACK 390 mi ( 300 w ).
EADIO TOULDOUSE- Cont

 Nens: 8.45 p,in.
Sat, and Suin).

## QERMANY.

CASBRL, (Relay Station)- 388 m , (1+ low.). From Franlfort
 MAMETRACh.
HAMBURG-3g m. ( 1 kw ). Also EANOVER ( 206 m .) REMEN ( 330 ma ).



 Theatre, Kevs; 12,15, Markets; 12,55, Namen


 Opera: 10 p.m., Marke
MUENBFER- 410 m. $(2)$ Kw.
$.16 \mathrm{a} . \mathrm{m}$. , Hadlo Talk, Divine Service ( Bum ) ; 12.30





## IRESLAI -118 m . (1t kw.).

11.15 a, mi. Stock Fxch., Weatlier; 12.0. Con, (dally) Drine Service (Sun), 1HK5, Nauen The Kg g (8un.),
 (Sun.) 5 s.m. Con. 77 p.m., Lee: : Fogilith (Mon.) Shorthind (Wed.) IEalisu (Tha) : 8.30 pmm , Cont Weather, Time sig., Newe ; $0.45 \mathrm{p}, \mathrm{mi}$, Dance (\$un., Thuirs.).
BELtIN (Yox Hans) $505 \mathrm{~m} .(11 \mathrm{lcm})$
9 a.m. Sacred Con. ( 8 ma ) : 10.0, Markets, Nens,
 1250, Xaron time 8ig., Xemi, Weather; $2.15 \mathrm{p} . \mathrm{m}$. .




 p.m. Fram 13-10 p.int, Cons. relayed by Koenlgawister hanietion 1, 306 m
BERLIN (Witylekes)-abt $560 \mathrm{~m} .(10 \mathrm{k} . \mathrm{w})$. Teiting shortly.
STUTPGART- 43 m (1) kw).
11.30 u.m., Coht. (Sun.) ; 4.30, Con. (weeklayy) $: 5$ p.m.,
 (Wed.) ; 8 p.m. Coul (dally), D.15 p.mi, Twe Stil, late Can, of Cxharet.
L.ETPZIG-454 m. $(500 \mathrm{w}$.
8.30 n.m., Saired Con, (Sun) 11.0 , 10.0, Marketa, Ness,

 Con, Ctidren (Wed) ; 0.9 , Marknto, stock Exith., Kews: 10 pan, Con Cabarch or Dance (not dally).
KCNNIGSBITRG- 63 m m ( 1 lw )

 Opera, Weather, New, Dance (ifr.)
 0 a.tn, Saered Con (Suh): T0.45, 8tock Exch,
12.55, Naven Tline sis, : $\$$ jon., Stock Exch MarKents ; i p.m., Con. (Sun.) ;-Childres (Wed.) ; Marketg, Nens; 2.30, Con. $5 \mathrm{pm} . \mathrm{m}$. Con. Dec. (8un.): 6 pm . Markets, lect \&horthand (Thu.); Itallan (Fri);

 (almost dailys.
 1.30 . Lec. Gon. (sun.) $\frac{2}{2}$ p.an. Timb Sta, News;
4.30 Orch. (Weoldays) : 5 p.m., Qulldren (Wed.) 6.30, Con. (weektays); 7.15, Jee., \%.30, Can, (Sun)


 Berlin (Vox Haus), Con, 9 j th. daill,

$4,000 \mathrm{~m}$. $(10 \mathrm{kw}) .7 \mathrm{sim}-2.0 .1 \mathrm{~mm}$. News service.

## IENNA (Radio WUST) AUSTRIA

.ni., Markets (sis. 0 m. (1.A kw.).
Fth., sun): 10 (exs, Suil) $; 11.0$, Con. (Tue., Thu Stock Exch. (exc, Sun.) : News, Con: 5.15 , Goplaren Thu.) ; $\$ .45$ p.m. Dece, Women (Wed); 7 pue. Cob. Lec, News, 7.45 p.m., Kaghish (Mon., Fri.)
 Turs., Thu., Fat.). Own Com, 5 pili, Man., Wed.,
Fri.).

BELGIUM.

a p.m. Lec., Con. : 10 p.m., Sewn, Apecini Galai
Con. evety Toe, at 8.15 pim.

## CZECHO-SLOVAKIA,

 a.m., stock Exch, 11.0, Can, (sun); 11.30, stock Gat.) : 6 p.m. Stock thech. (weekdays) : 7 . 15 , Cous. or boc, Weather, News, Childreen (Sat); ; pmi, Con.
 n.m., Con. (Sun.) ; 2 p.nt, Stock Exeh. ; News, ete.
7 p.ain, Lec., Con., or D.nte.

COPENHAGEN <br> \section*{DENMAFK. <br> \section*{DENMAFK. <br> DENMARK. <br> REN (K olenhavns Radiofoulstation)-775 in}发 pas.), Nutines, Lec Con.* (Tue., Thut., Rat.) ; 2.30 pon, Drperanto (Wed.).
This Con. Is alao relayed by the Aalborqlius Ellp Station on 445 m . Bunday: Copenhagea only.

Weekdays ; 7.20 p. in, New, Stock Fixeh.; 9 p.ini and
10 p.m, News, Weather, Time salg
Sundayn: 4 p.m., and 9 p.un., News.


## FINLANO.

HEI,SINGFORS (Helaninli)- 370 m .
9 a.m., Sacred Service (Sum); 6 p.in., Thae Skg:

## holland.


Mon, and Sat, when $10.80-11,(0)$.
AMSTERDAM (PAG) $-1,050 \mathrm{~m}$.
AMSTERDAM (PXU) $-1,070 \mathrm{~m},(400$ w.).

10.40, Sacred Servieo (SunL).
12.51. Neas : 2.50 p.m, Con. (Sat, San.) ; th20 p.ms.
 BLOKMENDAAI 345 mm . . Divine Sarvice (Sum.)


BEDA-PESTH (Catrel) HUNGARY.
 sat.).
HOME (IRO)- 125 m (2TALY.

 puat, Enperaito


## BELERADE - 1.050 JUCO-SLAVIA.

30 pom, daily; Con, News, Weather (thelay of
Opera on Thurs.).

## nonwar.

$08 L 0-380 \mathrm{~min}$. ( 500 w ).
MALESUND -515 m . (temp.). Testing
VARSAW (PTE)-385 POLAND.
6 p.m. Cons.; Nows, Weather.

## RUESIA.

(ENTRAL. WIRELFSS 8 TATION - 450 m
Sundays: 1,45 pro.; Lec.; 4.30 p.m., News ; 5.15 p.1. Weekluss: 2 pan, Markets $; 4.30$ prei, Neon or fon Sundiys : 10 a am. Tee, 11, Radio Tals; 9,80 pam. Tha, Friy
6 pmin , Coth. (Mon, and Wed.).
MADRID (EAJ6)-309 MPAIN.
Sidapye: 7 pm . Tine Sig ., Cois, Lec
Con. (Tue., Thas, sut, , Fiadio Madrin La Laterlided (Mon, Wed. Vri), Time Sif, Lec.
MADRDD (ARE) 190 mm . ( 1 kw .).
1600 , Con (dally)
MADRID (EAJOK)


6.90 p.m. Lec. Markets, Stock Fxrt, Conk 100 m .).

BAFCELONA (Itadio Catalana)- $433 \mathrm{mb} .(1 \mathrm{~km})$. Testfig.

SFVIMR. Con News
-350 ml ( ( 1 lw .).

caplifathout 300 ma .
Tenting.
SOCTHOLM SWEDEN.
Sundays : 10 a.m. Sacred Sorvice ; 5 pm , Colldren ; 6 p.in, Sacred Service ; 8 p.m., Con; 9 p.tion Neus Con. i 8.15 , Wealher.
Weelatays. 12. So p.m.; Weather, Stock Exch, Time Slg. (12.is); 6 pem., 1.ec, 7 p.m., same as, sump ; *GOTHENBURG (SASB) 200 In. ( 500 wa)
$10 \mathrm{am} . \mathrm{m}$., Eacted (Con. (Sun) ; from it p.13., enwanls 3.B. from stockholon. Weckilays, $11,50-12$, and frome 0 , S.B. from stochholm.

MALMOLE (8ASC7-420 mi. $(500 \mathrm{w}$.
As Gothonbung:
it. ( 500 F.).

FALUN (SMZZK)
Thrice weckly : 7 乡.m., s.IB, from Stockholm

KARISTADT (8MX 6 ) $870 \mathrm{~m} .(250 \mathrm{~m}$.$) , and$
TsOLLAATTAN (SMXQ)-355 m. (200 W.), An Falun.
SWITZERLAND
 News, Markes, Weather, Stoek, Nauch Time Sig., Pate
Rotia

 LAUSANNE (HBZ)-850 m. (500 w.).



## AFRICAN STATIONS.

CAPE TOWN (WAMG)- 375 m , (from $4.30 \mathrm{p} . \mathrm{m}$ ).
 DURBAN $-150 \mathrm{~m} .(11 \mathrm{kw}$.)
GRABASTSTOWN- 350 m.

## PRINCIPAL AUSTRALIAN BROADCAST


PEATH ( 6 WY ) $-1,250 \mathrm{~m}$.
MELBOUBNB (SLO) -1 , i26
PRINCIPAL U.S.A. AND CANADIAN BROADCAST AND CANA
STATIONS.
Kgo -361 m . Qakind, CGI, Bens.
CNRA- 313 m . Aoticton, New Brueswfek
KDKA -309 m . Rast Piteatirg, lat.
Wiz- 385 mo . Springtielt, Mork,
WGY -480 mL Schenectady, N.Y.



## WIRELESS PROGRAMME－THURSDAY（ Jme 3 st.$)$

The letters＂ $8 . \mathrm{B}$ ．＂printed in italite in these programmes signity a simultaneous Broadcast irom the station men－ tioned．
The High－Power（Chelmsford）Pro－ gramme will be found on page 585. 2 LONDON． 565 M ．
1．0－2．0．－Timo Sigaal from Greenwich．The Week＇s Concert of New Gramophone Records．

## Luncheon．

In honour of
The Rt．Hon．The EARL OF READING； at the Hotel Cocil．
Given by the British Inctian Union and the Northbrook Society
2．0．－H．R．H．The DUKE OF CONNAUGHT （Chairman）will propose the health of the Eart of Rending．
H．H．The MAHARAJAH OF JHODPUR will propose the health of the Chairman．
3．15－3．45，－Tranamission to Schools ：Mr．J．C． Stobart and Mr．R．E．Jeffrey，＂Shakes－ peare＇s Monarchs－Lear．
4．0－5．0．－＂Figures in Fiction－Colonel New－ combe，${ }^{\text {，}}$ by Ella MacMahon．Trocaderc Tea－time Music，＂Play and Players at Wimbledon（1）${ }^{\text {th }}$ by Eileen Hooten Stnith．
8．0．－CHILDREN＇S CORNER：Pinno Solos by Ivy Herbert．＂The Bearded Fig Tree．＂A Zoo Story by L．G．M．of the Daily Mail．
6．30．－Children＇s Letters．
6．40．－Market Prices for Farmers．Fortnightly Bulletin of the Ministry of Agriculture S．B．to all Stations．
2．0．－TTME SIGNAL FROM BIG BEN． WEATHER FORECAST and 1ST GENERAL NEWS BULLETIN．S．B． to all Stations．

All Star Programme．
Provided by
＂THE DALLY GRAPHIC and
Allied Newspapers
THE INFANTS HOSPITAI．
WESTMINSTER
（S．B．to all Stations．
7．15－10．15．
JOSE COLLINS（Soprano） DINH GLLLY（Operatic Baritone）．

GEADYE COOPER．
Lady DIANA DUFF－COOPER．
HENRY AINLEY
HEATHER THATCHER and
LESLIE HENSON．
8．0－8．30（approx．）
＂The Co－Optimists．＂
Relayed from
The Hippodrome，Portsminth．
ANITA ELSON．
GHBERT CHILDS．
STANEEY HOLLOWAY
AUSTIN MELFORD．
WOLSELEY CHARLES．
MELVHLE GIDEON． And
DAYY BURN ABY．
8．45－10．15（approx．）．
Scenes from

## ＂No No Nanette，＂

Relayed from the
Palace Theatre，Londom．
BINNIE HALE．
TRENE BROWNE
JOSEPH COYNE，
And
GEORGE GROSSMITH
Including the Bongs ：＂Tea For Two＂ You Can Dance With Any Man＂s und ＂I Want To Be Kappy．
10.15 （approx．），WEATHER FORECAST and 2ND GENERAL NEWS BULLETIN． S．B．to all Statione．Local News． 10.30 （approx．）

THE SAVOY ORPHEANS
THE SAVOY HAVANA BAND．
Relayed from the Savoy Hotel，London． S．B．to all Stations．

## 11．30．－Close down．

$5 I T$ BIRMINGHAM．$\quad 479 \mathrm{M}$ ．
3．30－4．30．－The Station Pianoforte Quintet． Constance Willis（Contralto）．
4．45．－WOMEN＇S CORNER：Mr．G．F．J． Buvington（＂Chnnticleer＂），＂Chickens and Ducklings in Midsummer，＂Edith Freeman（Contralto）．
5．15．－CHILDREN＇S CORNER．
6．0－6．5．－Children＇s Letters．
6．40－11．30．－Programine S．B．from London．
6BM BOURNEMOUTH． 386 M ．
3．45，－Talk to Women：London Papers by Anne Farnell－Watson，The Wireless Orchestra，Conducted by Capt．W．A． Featherstone．
5．0．－CHILDREN＇S CORNER ：Songs and Stories，ete．
5．30－5．45．－Children＇s Letters，
6．0．6．30．－Scholars＇Half－Hour＂Memory．＂
6．40－11．30．－Programms S．R．from London．
5WA
CARDIFF．
353 M ．
3．0－4．30．－Ronald Chivers（Vocalist）．The Station Orchestra：Conductor，Warwick Braithwaite．
5．0－＂ 5 WA＇8＂＂FIVE O＇CLOCKS＂
5．30．－CHILDREN＇S CORNER．
6．5．－＂The Letter Box．＂
6．15－6．30．－＇Teens＇Corner ：Sports and Recrea－ tions．
6．40－11．30．－Programme S．B．from Londor．

## 2ZY MANCHESTER． 378 M．

11．30－11．45．
$12.0-12.30$.$\} Concert by tho＂ 2 \mathrm{ZY} \mathrm{Y}^{\prime}$ Qaartet．
12．0－12．30．S Concert Sehools：Mr．E．G．Grean well，＂Choice of Employment－（3）What the Juvenile Employment Bureaux arg Doing ${ }^{n}$
4．30．－Concert by the＂ $2 Z Y^{*}$ Quartet．May Blyth（Soprano）．Talk to Women．
5．30．－Children＇s Letters
$5.45-6.30$ ．－CHILDREN＇S CORNER：Ida Starkie（Solo＇Cello）．
6．40－11．30．－Programase S．B．from London．

## 5NO NEWCASTLE．$\quad 403 \mathrm{M}$ ．

11．30－12．30．－Ella Tornlinson（Violin）．Edward Bird（Baritone）．Gramophone Fecords． 3．45．－Mr．Moses Baritz，Leeture Recital with Gramophone Mlustrations．London Papers．Florence Hicks（Soprano）．
$5.15-6.0$ ．－CHILDREN＇S CORNER．
6．25．－Mr．L．K．Gibson，B．A．．Freneh Talk． 6．40－11．30．－Programme S．B．from London．

## 2BD ABERDEEN．

495 M ．
3．30－5．0．－The Wireless Orchestra．Reginald Whitehead（Bass）．Feminine Topies．
5．30－6．0．－CHILDREN＇s CORNER ：Auntie Chrissie，＂The Gnomes and the Fairies in Dreamland＂（2）．
6．15－6．30－－Boye＇Brigade News Bulletin；Mr A．S．Anderson，Battalion Quartermaster on＂Camp from the Quartermasters Btandpoint．＂
6．30．－Gramophone Music
6．40－11．30．－Programmic S．E．from London．
5SC GLASGOW． 422 M ．
3.30.

## An Hour of Molody．

THE WIRELES8 OUARTET．
EARLE SPICER（Baritone）
4．45．－WOMEN＇S HALE－HOUR ：Helena Tavlor（Soprano）
5．15．－CHILDREN＇S CORNER
6．0－6．⿱亠䒑．．Weather Forecast for Farmens．
6．40－11．30．－Programine S．B．from London．

## EVENTS OF THE WEEK．

SUNDAY，June 21st，
LONDON，3．30．－Military Band．
LONDON，9．0．－De Groot and the Picca－ dilly Orchestra．
BIRMINGHAM， 9.0 ．－Radio Fantasy， No．5，＂Sweet o＇the Year．＂
MANCHESTER，2．30．－Inaugurel Cere－ mony of the Manchester and Salford Motor Lifeboat．Relayed from Trafford Mharf．

MONDAY，June 22 nd．
LONDON，8．0．－Popular Classics and Drama．
BIRMINGHAM，8．0．－A Programme of French and Italian Music．
MANCHESTER，8．0．－Light Classical Music and a Play．
NEWCASTLE，8．0．＂Trilby．＂
GLASCOW，8．0．－Verse and Song
TUESDAY，June 23 rd．
ALL STATIONS $]_{8.0}^{\text {＂A．Midsummer }}$ except＂ 5 XX．＂$)^{8.0}\left\{\begin{array}{c}\text { Night＇s Dream } \\ \text {（Shakespeare）．}\end{array}\right.$
ALI STATIONS，10．30．－＂The Beggar＇s Opera，＂Aet IV．Relayed from the Lyric Theatre，Hammersmith．

WEDNESDAY，June 24 th ．
LONDON，8．0．－Water Music．
ALL STATIONS， $\mathbf{1 0 . 3 5}$ ．－A Harp Recital by SALZEDO．
BIRMINGHAM，8．0．－An Hour with Sir Henry Bishom．
BOURNEMOUTH，8．0．－Ballads and Scenas．

CARDIFF，8．0．－Operatic Ensembles MANCHESTER，8．0．－The 4th Edition of＂The 7.30 Revue
NE WCASTLE，8．0．－Verdi，and the Play
Christopher Columbus，＂
GLASGOW，8．0．－Beethoven Master
pieces．
BELFAST，7．30．－Symphony Concert．
THURSDAY，June 25 th．
LONDON，2．0．－Speeches by H．R．H．The DUKE f CONNAUGHT，H．H．The MAHAMAJAH of JHODPUR，and the Rt．Hon．the EARL of READING，at a lunchieon at the Hotel Cecil．
LONDON，8．0．－＂Daily Graphic＂Con－ cert．S．B，to all Stations．

FRIDAY，June 26th．
LONDON，8．0．－Quartet，and Variety．
BIRMINGHAM，8．0．－An Hour with the Classics．
CARDIFF and SWANSEA，8．0．－6th Aber ystwyth Festival Music．
MANCHESTER，8．0．－Chamber Music and Songs．
ABERDEEN，8．0．－Light Opera and Musical Comedy．

SATURDAY，June 27th，
SHEFFIELD，8．0．－Transmission from a
Coalmine．S．B．to other Stations．
BOURNEMOUTH and＂ 5 XX, ＂ 8.30 ．－Light Symphony
ABERDEEN，8．30．－Scottish Night，
BELFAST，7．30．₹－Popular Concert．

## WIRELESS PROGRAMME-FRIDAY (Jmone 2fit)

THe letters " $\mathrm{s} . \mathrm{B}$." priated in italies in these programmes signity a simultancous Brasdeast from the station men
The High-Power. (Chelmsford) Programme will be found on page 585.

## $2 L O$ LONDON.

365 M.
1.0-2.0.-Time Signal from Greenwielh. Lunch time Music at the Hotel Metropole.
3.15-3.45.-Transmission to Schools: ${ }^{*}$ South ward with the Prince-Southern Rhodesia and Bechomanaland," by Mre. Charlotte Mansfield, F.R.G.S.
4.0.- "The Excursions of Petronella," by Constance Coventry. Dance Music, relayed from the Capitol Theatre, Haymarket. "Amusements and the Law," by Junior Comsel.
5.0.-An Hour's Dance Music
6.e.-CHILDREN'S CORNER : Dance Music Songs by the Uncles. Dialogue and Chatter by the Wicked Encle.
6.30.-Children's Letters.
6. 40.- Music.
7.0.-TIME SIGNAL FROM BIG BEN. WEATHER FORECAST and 1ST GENERAL. NEWS BULLETIN, S.B. to all Stations.
PERCY SCHOLES, the B.B.C. Masic Critic. S.B. to all Stations.
7.25.-Music, S.B. to all Stations except Belfast.
$7.40 .-\mathrm{Mr}$. H. M. TOMLINSON, "London River." S.B. to other Stations.
" 2LO" Quartet and Variety.
BEATRICE TELEGAR (Lady Baritone). HELENA MILLAIS (Entertainer).
PETE MANDELL (Solo Banjo)
JACOBS AND GIBBON
(Saxophone and Piano).
THE " 2 LO " QUARTET.
8.0.

THE QUARTET.
To Spring ",....."
JACOBS AND GIBBON
in Instrumental Duets.
HELENA MILLAIS
In Songs and Fragments from Life.
8.30. FETE MANDELL.

Savoy Rag" .................. Pcte Mandell
" Do Xou Forget ? " (By Requeat)
Kenyon and Butten
Excerpts from "No No Nanette" (By Request) THE OUARTET
'Lullaby "
THE QUARTET.
The Watermill "
.........Kenneth Wright
"Prairie Lullaby"
.. Stanford Robineon JACOBS and GIBBON in More Duets.
9.0. "A SISTER TO ASSIST 'ER." By John Le Breton.
Mrs. May (a Charlady) LOUIS HERTEL Mrs. Meifull (Her Landlady)

HELENA MLLLAIS
9.30 . PETE MANDELL.
"Get Goin'
Medley of Blues.
Take Your Pick" (By Requia, Mandell BEATRICE TELEGAR
"Sandalled Feet" ........ Noel Porrester (Accompanied by the Composer.)
"I Love My Ladye" ..... Kcmnedy Rusesll "Ill Sing Thee Songs of Araby THE QUARTET Frederic Clay
Favourite Airs from * Cavall
Favourite Airs from "Cavalleria Rusti-10.0.-TIME SIGNAL FROM GREENWICH WEATHER FORECAST and GENERAL NEWS BULLETIN. to all Stationk.
"The Man and the Moment." S.B. to all Stations. Local News.
> 10.30 .

Aileen Stanley.
The Famous Americat Disease.
In American Radio Successes.
S.B. to other Stations.
11.0,-Close down.

5IT BIRMINGHAM. 479 M .
3.30-4.30.-Lozells Picture House Orchestra. James Howell's Party.
4.45.-WOMEN'S CORNER : Estelle SteelHarper, "The Rose in Art and Craft.
Janet MacFarlane (Soprano).
5.15.-CHILDREN'S CORNER.
6.0-6.5-Children's Letters
7.0. WEATHER FORECAST and NEWs, S.B. from London.

PERCY SCHOLES. S.B. from London.
7.25.-Music, S.B. from Lendon.
7.40. HILDA A. HIPRISLEY BARNES, B.Se. F.R.G.S "The Story of Glastonbury, THE STATION ORCHESTRA. MAY BLYTH (Soprano).
IDA STARKIE (Solo Violoncello). An Hour Wita the Classics.
8.0.

Overture, "Cosi fan Tutte" Cosi fan Tutte
MAY BLYTH.
Spring Had Come "...... Coleridge-Taylor Morning "........................ Tehaikovsky Spring, " Summer," "Autumn," Winter ".................Aylmer Buesst
Selection, "Cavalleria Rusticana
Mascagni-Tacan IDA STARKIE.
...de Ferch
Sonata in F Major.
Porpora THE ORCHESTRA.

de Mai ${ }^{\text {T.............. }}$
.Bantock
9.0. An Hour's Populiar Music.

Overture, "Orpheus in the Underworld
Offenbach
The Lorelei

## MAY BLYTH.

. $E i s=1$
Serenade " .................................... Brahms
Daffodil Gold" "...........Robertson Hodgson THE OMCHESTRA.
Selention, "Looking Backward "......Finck IDA STARKIE.
Kol Nidrei"
Ma.e Bruch
Abendilied
Schumann
Allegro Apparsionato THE ORCHESTRA.
Intermezzo, "Hearts and Flowers" Tobani March, "The Vanished Army ".......Alford
in. WE. WEATHER FORECAST and NEWS. S.B. from London.

Tho Man and the Moment." S.B. from London. Local News.
(10.30. Irish Song and Humour by JEROME MURPHY
The Donovans Nedham

The Rocky Road to Dublin "....... Breyton
The Prescription Vincesut
The Girl from Mayo …............
Takin' from Mayo $\qquad$ Vincent
Mary Callachum and Mo $\qquad$ Brayton
The Jug $0^{\prime}$ Punch . Muller
11.0.-Close down.

6BM BOURNEMIOUTH. 386 M .
3.0-3.30.-Educational Talk by Mr. J. C. B. Carter, B.A., "Books How and What to Read- 'Silas Marner '(George Eliot)." (Read by the Rev, R. F. Pechoy.)
3.45.-Talk to Women: "Descriptive and Dramatie Musie," by Charles R., Fisher. Orchestra, relayed from the Bungalow Café, Southampton. Musical Director: Café, Southamp
Arthur Pickett.
5.0.-CHILDREN'S CORNER : Unete Jack' Fairy League Talk.
5.30-5. 45 .-Children's Letters
7.0.-WEATHER FORECAST and NEWS S.B. from London.

PEREY SCHOLES, S.B. from Londor. 7.25.-Music. S.B. from London.
7.40. Mr J. WALLACE COLLETT (The Li-ti-Kah), "My West African Grass Widow.
8.0.

## Other Stations.

During this evening we will visit other Stations and listen to their programmes 10.0.-WEATHER FORECAST and NEWS S.B. from London.

The Man and the Moment." S.B. from London, Local News.
10.30. Other Stations (Continued).

5WA CARDIFF. $\quad 353 \mathrm{M}$.
3.0.-Sohool Tranmission: Travel Talk by

Mr. E. Theo Mansfield. "The South of Ireland To-Day."
3.30. - The Station Trio: Frank Thomas (Violin), Frank Whitnall (Violoncello), Vera McComb Thomes (Pianoforte).
4.0-4.45. - The Carlton Orchestra, relayed from the Carlton Restaurant.
5.0.-" $5 \mathrm{WA} \mathrm{S}^{\prime}{ }^{*}{ }^{\text {FIVE O'CLOCKs }}$
5.0 - - 5 WHALDREN'S CORNER.
6.30.- CHILDREN'S CORNER.
6.5.- The Letter Box:
$6.15-6.30$. - Teens Corner
30.-Teens Corner. "What Doe
Migration Mean \&" by Mr. R. Hellyar.
$6.40,-\mathrm{Mr}$. Norman Riches, ${ }^{4}$ A Oricketer's 'Over '- The Second Ball."
7.0.-WEATHER FORECAST and NEWS.
S.B. from Liondon

PERCY SCHOLES. S.B. from London
7.25.-Music. S.B. from London
7.40.- Mr. J. KYRLE FLETCHER: "David Morgan, the Welsh Jacobite.

## 6th Aberystwyth Festival of Music.

Under the Direction of
Sir WALFORD DAVIES, Mus, Doce
Director, National Council of Mrasic,
University of Wales
Programme of the
FIRST FESTIVAL CONCERT.
Relayed from

The University Hall, Aberystwyth, 8.0.-10.0.

A Mozart Overture.
Vaughan Williams' Mase in G Minor.
Hubert Parry's Two Songs of Farewell.
Bach's Piano Concerto in E Major.
Coleridge Taylor's "Hiawatha's Wedding Feast.

THE WELSE SYMPHONY ORCHESTRA with W. H. REED
(of the London Symphony Orchentra) as Guest-Leader.
HAROLD SAMUEL (Pianoforte). Conductors
Dr. VAUGHAN WILLTAMS
and Sir HUGH ALLEN.
10.0.-WEATHER FORECAST and NEWS S.B. from London.

The Man and the Moment." S.B. from Londor.
Local News.
10.30.- Programme S.B. from London.
11.0.- Close down.

2ZY MANCHESTER. 378 M.
1.15-2,0.-Musie relayed from the State Café,
3.30.-Broadeast for Schools : (3.30) The Rev. H. Allen Job on "Ceylon." (3.45) Mr. Edward Cressey on "Artificial Ice."
4.0-5.15. - Concert by the "2ZY" Quartet. Harry Liston (Entertainer). Talk to Women.
5.30.-Children's Letters.
$5.45-6.0$.-CHILDREN'S CORNER.
5.45-6.0.-WEATHER FORECAST and NEWS. S.B. from London.

PERCY SCHOLES, S.B. from I.ondon.
7.25.-Music. S.B. Jrom London.
7.35.-Boy Scouts' Local News Bulletin.

Lancashire Beokeopers' Association Bulletin.
7.40.-Mr. W. B. WRIGHT, F.G.S., "The Floating Crust of the Earth.'

Chamber Music and Songs. CONSTANCE WILLIS (Contralto)
STANLEY R, MAHER (Bass).
THE GAYTHORPE TRIO:
CECIL BROWNLIE (Violin): HAROLD PHILLIPS ('Cello); G. W. GAYTHORPE (Pianoforte) ; STANLEY R. MAHER. See Shanties-I
Billy Boy" ........
Bound for the Rio Grande
Blow the Man Down" arr. R. R. Terry
Hanging Johnny
"Boney Was a Warrior"
"Whisky Johnny " ...

WIRELESS PROGRAMME-FRIDAY ( Jme zath)

The letters "s.e." printed in fialics in these programmes tignity a simultancous Broadcast from the station mentioned.


Trio in D Minor. . .................Mosart Allegro; Andante: Alegro di Mentretto
Allegro. CONSTANCE WTLLIS.
"Twas In a Land ${ }^{\text {T }}$.
*itournelle " .... ......... Chrminade

- BI H Eyes"
S.B. from London.
"The Man and the Moment." S.B. from Londoze:

Ben Brierley.
(Born June 26th, 1825.
10.30. L. T. WHITT (Dialect Entertainer).
${ }^{46} \mathrm{Ab}^{\prime} \sigma^{\prime}$ th' Yate on Chep Fioef 't Ben
11.0. Close down.

5NO NEWCASTLE. $\quad 403 \mathrm{M}$.
3.30.-Broadcast to Schools : Mr. E.J. Witlitur. B.se, "Etementary
Our Light and Life.
4.0.- Orchestra relayed from Tilley's Restaurant.
5.0.- London Papeers.
5.15.-CHILDREN'S CORNER.
6.0-6.20. Scholare Half-Hour: Mr, A. H.

Robins, "The Past in the Present-Our Shíps. ${ }^{3}$
7.0-7. $55 .-$ Programme S.B. from Loirdon.

Musical Comedy.
MAY GRANT (Contralto). NORMAN CURRY (Baritone) THE STATION ORCHESTRA: Conductor-EDWARD CI.ARK.
8.0. THE ORCHESTRA.
Scleation, "Miss Hook of Holland " Puberes
8.10 .
8.10. MAY GRANT:

Any Time's Kising Time Freduvic Norton
Find Vilia ${ }^{\text {tr }}$ NORMAN COMRE. Frans Lehar
8.20. NORMAN CURRY. Queen of My Heart " (" Dorothy ") Yo Ho, Little Girls " (" A Counitry Girl " ${ }^{\text {M }}$ )
8.30. THE ORCHESTRA.

Selection, "Our Mige Gibbs"
8.40. MAY GRANT. Caryll and Monekton
" Ender the Deodar", ............. Stuart Just Been Wondering" . Ireme Camming
8.50. NORMAN CLRMY.
"Star of My Sout " ("The Geisha ") Sones

* A Gentletuan of France " ("The Duchess of Dantzig ${ }^{\text {¹ }}$ ) …........... Ivan Caryll
Violin Recital

Violin Recital
DAISY KENNEDY THE STATION ORCHESTRA : Conductor-EDWARD CLARK.
VIOLIN AND ORCHESTRA.
9.0. Concerto in D Minor . . . . . . . . . . Mieniauraki Allegro Moderato, Romamce, Allegro eon
Fubeo-Allegro Moderato (i) la. Zingari).
$\left.\begin{array}{l}\text { Bourrée in B Minor, } \\ \text { Andante in C Major } \\ \text { Prelude in E. Major }\end{array}\right\}$ (Unaceompanied) Prelude in E Major Bach Waltz. ............... Weder, arr, Burnester Hungarian Dance ......... Brahms-Joachim Menuet . . . . . . ..................... Debussy 10.0-10.30.-Programme S.B. from Londou. 10.30. UNIVERSITY COLLEGES CONCERT PARTY.
Opening Chorns, "One by One " Fred Geci Duet: Soprano and Tenor, Marcheta
Trio: Humonous, "The Pansons) Fnd
 Qturtet: Humorous, "Ttalio de Lingo"
Excerpts from Shakespeare in the Tyneide Dinlect.
Soprano Soto, "The Daneing Lesson (" The Passing Show")..... H. Ohicer Quartet : Humorous, "The Puritans"
11.0.-Close dewn.

2BD ABERDEEN. 495 M .
3.80.-School Transmission: Dr. W. Douglas Aberdeenshive Soldiens-(2) FioldMarshal Prince Barclay de Tolly." "Strite
3:45.-The Wireless Orehestra:
 "Landmarks in Symphony, Musie- (2) 4.15-4.45. The Wirelees Orcheetr. Feminine Topics.
5.15-CHILDREN'S CORNER.
6.0.-Crieket Corner: Mr. C. H. Webster on "Bowling" (7).
6.30.-Half-an-Hour of Ciramophone Muric. 7.0-7.40.- Programme S.B. from Loudons,
T.\$1.- Representative Miners, by the Rev: CHAREFS E. FORSTER. M.A

An Hour of
Light Opera.
HELENA TAYLOR (Spprano)
EARLE SPICER (Baritone).
THE WIRELESS ORCHESTRA.
8.0. THE ORCHESTRA.

Selection, "La Belle Hélene". . Offenbach 8.15, TEIENA TAYIOR.

Waltz Song " ("Tom Jones "t ... German
Love is Meant to Make Js Chad Gemmant The Old-Fashioned Cloak " ( 4 The Rebel Maid ") $\qquad$
Overture, "The Gondoliens " . . Sulliven
Selection, "Merrie England", .....German
FARLE SPICER.
A Bachelor Gay (" The Maid of the
Mountains ") Mountains ") ............ Fruser.Simson The Cobbler's Song " ("Chu Chin Chow ") The Fishermen of England" ("The Rebel Mnid ${ }^{11}$ ) ................... Phillips

An Hour of
Musical Comedy and Ballads.
THE ORCHESTRA.
9.15. Selection, "The Belle of New York" Kerker $9.15 . \quad$ HELENA TAYLOR.

Dutch Tiles "+ ................. Sharpe
" Beat of the Passionate Heart .... . Phillins
"Husheen " . ................... Needham "Tulips "
9.30. THE ORCHESTRA.

Selection, "Stop Flirting
Gershacin, Daly and Larmin EABLE SPICER. Our England "t ("Our Nell "1) ....Novello The Sailor's Life" ("A Country Girl")

10.0. -WEATHER FOFECAST und NEWS. S.B. from Liondois.
"The Man and the Moment." S.B. frow Local Nesys.

Recital of Norwegian Song3.
10.30. JOHANNE LARSEN
(Norwegian Mexan-Soprano)


"Eommernat " ..................Nila Larich
"Der Skrek en Fugl " ........... Sinding
"Widmung" . . . ............ Rober Frakz
Aris ("Samson and Dolitah ). Savit-Saens
"Blackbird'r Song ". ....... Cyril Scoft
11.0.-Close down.

5SC GLASGOM.
422 M.
11.30-12.30.-Midduy Transminaton.
3.30.-Broadeant to Schools.

Musical Moments.
4.0. "SHOEBE DAVHE (Sopmang),
"Snowtlakes" ................. F, Coteri
"The Sleepy Song " ............. K. Barry:
4.10. THE WIRELESS QUARTET.

Overture, "Marco Spadn" . ........ Auber
Morecau, "Simple Aveu "\% ....... Thoms 4.30. PHOEBE DAY1F.

4.45.-WOMEN 8 HALF-HOUR: Mirs Murray, ${ }^{\text {" Pienic Hints }}$ " (11).
5.15.-CHILDREN'S CORNER
6.0-6.5.-Weather Forecast for Firmers.
7.0.-WEATHER FORECAST and NEWS. S.B. from Londor.

PERCY SCHOLES. S.B. from L.ondon.
7.25.-Mnsic. S.B. from Eondon.
$7.40-7.05$,- Prof. PATERSON : Agrieultural Bulletin.

Popular and Comedy. THE STATION ORCHESTRA :
Condacted by
HERBERT A . CARRUTHERS.
THE LONDON RADIO REPERTORY PLAYERR.
ELDER CUNNINGHAM (Baritone).
8.0. THE ORCHESTRA.
Overture, "Carmanal de Venice" Thomma Entr'acte, "Handel Wakes" . AForresay 8.15.

ELDER CUNNINGHAM.
"Ae Fond Kiss"

Exciseman
8.30.

Re THE ORCHESTRA.
Selection, "Amasia" "........ Faraday
Dance of the Hours ") ("La Gioconda ")
"Chgdren's Suite" ................ Ansell
"Rumehinello "; "The Musical Box ";
"The Box of Soldiees "; "The Story
Book ${ }^{*}$ \& "The Fairy Doll."
9.0. ELDER CUNNINGHAM.
"Queen of the Earth" ........... Pinsuti
"My Old Shako " . . . . . . . . . . . . . Trotere 9.15.

THE PLAYEERS
"A MONTH COME SUNDAY."
Written for Brondcasting by Ashton Pearso.
Nance Timgenna. ...... ESME HUBBARD
Tom Gregg.............ASHTON PEARSE Josiah Tregenna (Nance's Uncle)

DRELINCOURT ODLUM
Widow Bugg. MABEL CONSTANDUROS
Scene : Joginh Tregenmis Gardion on a Weat Country Cliff.
Directed by R. E. JEFFREY.
8.45. THE ORCHESTRA.

Walta, "Vision in a Drears ". ..... Strauss
March, "Father Vietory " ........ Ganne
10.0-11.0.-Programme S.B. from L.oidon.

## WIRELESS PROGRAMME-SATURDAY (Jume 2 ith)


The Migh-Power (Chelmsford) Programme will be found on page 585 . 2LO

LONDON.
365 M.
4.0.-Time Signal from Greenwich. Concert The "2L.0" Octet, Cecil Butt (Baritone), Dora Ingleton and Claude Pilgrim (Duets), Harry Gibson (Entertainer). "How to Choose a Chair," by Capt. Edward Gregory (Author of " The Art and Crait of Homemaking ${ }^{4}$ ). A Garden Chat by Marion Crin, F.R.H.S
6.0.-OHILDREN'S CORNER: "The Comic Court Poet." Music by the Octet. Selected Iterns by Children.
6.30.-Children's Letters
6.40.-Music.
6.50.-An Appeal on behalf of the Metropolitan Hospital Sunday Fund, by the Rt. Hon. The Viscount KNUTSFORD.
7.0.-TLME SIGNAL FROM BIG BEN WEATHER FORECAST and $18 T$ GENERAL NEWS BULLETIN. S.B to all Stations.
Travel Talk-Mosul," by Mr. F. W, CHARDIN. S.B. to all Stations.
7.25.-Mnsic. S.B. 10 all Stations eacept Belfast, 7.40.- "Caravaning," by Mr. J. HARRIS STONE. S.B. to other Stations.

## $8,0-8,30$. Transmission from a Coal Mine,

S.B. from Sheffeld.

The reception of programmes broadeast from the surface of the earth is to-day a commonplace ; to pick up signala from aeroplanes is equally aimple; the hydrophone has enabled us to transmit submarine noises ; it reraains, then, to broadcast from under the earth's surface, and this we propose to do to-nipht.
From 8.0 to 8.30 listeners will hear many of the noises inseparable from the working of a great coal mine. The mine in question is the Numnery Colliery, near Sheffield, and the microphone will be placed in the Park Gate Seam, at a dopth of 750 feet below ground level. The distance from the pit-shaft to the face of the seam is one mile.
The various noises to be heard will bo explained by the Manager of the mine, and will include

1. COAL CUTTER
2. SHOT BORER.
3. EXPLOSION OF SHOT.
4. FALL OF COAL.
5. FILLING OF TUBS
6. NOISE OF TRANE
7. SIGNALLING APPARATUS OF THE CAGES.

Popular Programme.
PATRICK BYRNE (Baritone).
JEANE PAULE and
LEONLE LASCELLES
(Syncopated Duets).
THE WIRELESS ORCHESTRA.
8.30 .

THE ORCHESTRA.
March, "Powhattan's Daughter" Sousa
Waltz, "Venus on Earth"
Lincke PATRICK BYRNE.
"From the Land of the Slcy-blue Water" Cadman
"Go Not, Happy Day " ... Frank Bridgo JEANE PAULE and LEONIE LASOELLES,
"Wondering " .............. Margaret Bell "Is There Anybody Hero ? " H, B. Hedley $^{\text {" }}$ 'I Wanns Go" ....... Sebastian Barker THE ORCHESTRA.
"Petite Suite de Concert" Coleridge-Taylor PATRIOK BYRNE.
.To Daisies "....................Reger Quitter Come You, Mary " ....... Harold Craxton JEANE PAULE and
LEONIE LASCELLES
"Shanghai " .............. Horatio Nicholls
"Far Away from London " Leslie Allegn "Everybody Loves My Baby" Williams and Palmer

THE ORCHESTRA
Seleetion, "The Little Michus" Mesauger Amour Shimmyques" ................ Bozo 10.0.-TIME SIGNAL FROM GREENWICH. WEATHER FOREOAST and 2ND GENERAL NEWS BULLETIN. S.B. to all Stations.
Sports Talk. S.B. to all Stations except Glargone:
Local News.
10.30. THE SAVOY ORPHEANS,

THE SAVOY HAVANA BAND,
and
THE SELMA BAND.
Relayed from the Savoy Hotel, London. S.B. to all Stations.
12.0.-Close down.

5IT BIRMINGHAM. 479 M .
3.30-5.30.-The Buffalo Orchestra: Direction, Shenkman and Quitt,
4.45.-WOMEN'S CORNER: Hilda A. Hippieley Barnee, B.Sc, (of the Birmingham Natural History and Philosophical Society), "A Week in Paris."
5.15.-CHILDREN'S CORNER: Auntie Phil and a Further Snooky Adventure.
8.0-6.5.-Children's Letters
7.0.-WEATHER FORECAST and NEWS. S.B. from London.

Mr. F. W. CHARDIN, S.B. from London. 7.25.-Musio. S.B. from London.
7.40.-Major VERNON BROOK, M.I.A.E. "How Is It Made ?-(No. 4) The Making of Kitchen Utensils."
8.0-8.30. TRANSMISSION FROM COAL MINE.
(See London Programme.)
S.B. from Sheffeld.
8.30. Outside Coneert.
THE CITY OF BIRMINGHAM POLICE BAND
Conducted by RICHARD WASSELL. JOAN MAXWELL (Soprano). Relayed from the Band Stand, Cannon Hill Park. THE BAND.
Duet, "Miserere Scene " (" II Trovatore") P.C , arr. Godfrey (P.C. JAMES and P.C. COOK.) Waltz and Pizricato from Ballet "Sylvie" JOAN MAXWELL.
Fifinella " THE BAND.
Comet Solo, THE BAND.

March, "William Tell" (P.C. COOK.)
$\qquad$ .. Olieer

Rossini, arr. Sommer

## Studio Concert.

ANDREW SHANKS (Baritone). EDNA GODFREY-TURNER WILLIAM MACREADY ...... Playere. ANDREW SHANKS.
The Volga Boest Song "1
Chaliapin-Kocnemai
'There Be None of Beauty's Daughters "
Quiller
'Birds in the High Hall Garden
Somervell
"Sigh No Mare" , Aikin
The Jolly Tinker Newton A HOUSEHOLD FAMKY,"
A Light Comedy Trifle in One Act. Written by Francis Talfourd.
Julian .......... WILLIAM MACREADY Katharine EDNA GODFREY-TURNER Scene : Julian's Apartments. ANDREW SHANKS.
"Bedonin Love Song " ............ Pinsuti
" Messmates" ............................... Lohr
"When Childher Plays" ... Walford Davies
"A Soft Day ". .................... Stanford
0.0.-WEATHER FORECAST and NEWS S.B. from London.

Sports Walk. S.B. from Loodon.
Local News.
10.30,-THE SAVOY BANDS. S.B. from London.
12.0.-Close down.

6BM BOURNEMOUTH. 386 M
3.45.-Gardening Talk to Women by George Danee. THE ROXAL BATH HOTEL DANCE ORCHESTRA, relayed from King's Hall Rooms. Masical Director: DAVID S. LIFE. Phillip Kellaway (Baes).
5.0.-CHILDREN'S CORNER.
5.30-5.45.-Children's Letters.
6.0.-Scholars Half-Hour : "The News Bag." by J. H. Roberts.
6.30.-Music.
7.0. WEATHER FORECAST and NEWS.
S.B. from London.

Mr, F. W. CHARDIN. S.B. Jrom Lomdon. 7.25.-Music. S.B. from London.
7.40.- "The History of Coalmining," by DATELLER." S.B. from Sheffeld.
8.0-8.30. TRANSMISSION FROM COAL MINE.
(See London Programme.) S.B. from Sheffield.

## Light Symphony Concert. Relayed to " 5 XX ."

HELEN DE FREY (Sopvano). GORDON BRYAN (Solo Pianoforte) THE WIRELESS AUGMENTED ORCHESTRA. Conducted by
Capt. W. A. FEATHERSTONE.
8.30. THE ORCHESTRA.

Overiure, "Nell Gwynn".... Ed. Genman 8.40 HELEN DE FREY.
A Song of London
Oypit Scont
"Go Down to Kew in Lilac Time"
Graham Ped
8.45. GORDON BRYAN.

LONDON PICTURES,
Ternple Gardens" ("Carnet de Voyage") Reynaldo Hahn
The Bouncing Ball " (Caledonian Market)
London Bridge H. Balfour Gardine Flower Sellees (Piecadilly Cireus)" "Rotten kow (Hyde Park)" (from Lond don Fantasies, Op. 50) Percival Garratt
8.55, THE ORCHESTRA.

Ist and 3rd Movements from "The London Symphony " ....... Vaughan Williams
9.20. HELEN DE FREY

French Folk Song, "Cruelle Départie"
Russian Folk Song, "The Shepherd's Song' Rimsky-Korsotiou (For Voice Alone.)
9.30. GOIBDON BRYAN

Pianoforte Concerto in A Minor Padercicala, Allegro, Romanze (Andante), Finale (A). legro molto vivace).
10.0.-WEATHER FORECAST and NETH S.B. from London.

Sports Talk. S.B. from London.
Local News,
10.30 .-THE SAVOY BANDS. S.E. from tondon.
12.0.-Close down

5WA CARDIFF. 353 M .
3.0. - Organ Recital, relayed from the Park Hall Cinema.
3.30-4.30.- Garforth Mortimer and his Orehestra, relayed from the Park Hall Cinema.
$5.0,-45 \mathrm{VA}$ 'S "FIVE O'CLOCKS."
5.30 --CHILDREN'S CORNER.
6.5.- "The Letter Box."
6.15-6.30. -Teens' Cormer: Tale for 'Teenst
7.0. - WEATHER FORECAST and NEWs.
S.B. from London.

Mr. F. W. CHARDIN. S.R. from Lonilon. 7.25. - Music. S.B. from Londom.
7.40.-Mr. R. T. GABE on "Golf."
8.0-8.30. TRANSMISSION FROM COAL

MINE.
(See London Programme.)
S,B. from Sheffield.

## WIRELESS PROGRAMME-SATURDAY (Jme zritu)

The lettors "\&.8." printed in italies in these programmes signity
tioned.

## A Varied Entertainment.

MAY BLYTH (Soprano). DA STARKIE (Solo Violoncelto) JEROME MUHPHY (Entertainer) THE STATION ORCHESTRA.
Conductor: WARWICK BRAIPHWAITE 8.30. THE ORCHESTRA.
8.45

Smile of MAY BL.YTH. "If I Were the Man in the Moon"

Wallace I
"Andache" IDA STARKIE.
Andacht
Minuet
8.59.
"Tatters and Tucks Becthoren
"The Preseription "
Norton
Monologue, "Michael Patrick Doolan.
9.6.

THE ORCHESTRA.
Suite, "Othello" ...... Coleridye-Taylor Dance, Chiddren's Intermazzo, Funeral March, The Willow Song, Military Mareh.
0.21. Masetta's Song "" ("La Bohème ") Pucrine ${ }^{* A}$ Brown Bird Singing $"$
9.28.

Romance tr ........... Hamilton Harty IDA STARKIE.
8.35. WEROME MURPHY.

The Boy from Ballytearin' "
Recit., "Tim, the Iriah Terrien " Mrs. Letts
"The Maid of the Sweet Brown Knowe"
9.42. THE ORCHESTRA.

Der Rosenkavalier " ("The Rosehearer ")
Straus
Entrance of Rosebearerand Duet ; Ochs Walta ; Air of the Tenor ; Breakfast Scene : Trio: Closing Seene.
10.9.-WEATHER FORECAST and NEWS. S.B. Jrom Loridon.

Sports Talk. S.B. from Landon.
Local News.
10.30.-THE SAFOY BANDS. S.B. from London.
12.0.-Close down.

2ZY MANCHESTER. 378 M . $3.15-4.0$. $\begin{gathered}\text { The Band of H.M, Life Guards : } \\ \text { Conductor, Lieut, H }\end{gathered}$ $4.10-5.0$. relayed from the Municipal 4.0-4.10. -Edith Lemch (Soprano)
5.0-5.15.-Talk to Women.
5.30.-Children's Letters.
$5.45-6.30$.-CHILDREN'S CORNER
7.0.-WEATHER FORECAST and NEWS
S.B. from London.

Mr. F. W. CHARDIN. ©.B. jrom Lomion. 7.25.-Musio, S.B. from London
7.40. - Weekly Talk on Sport.
8.0-8.30. TRANSMISBION FROM

> COAL MINE.
(See London Programme.)
S.B. from Sheffield.

## Dances-Song-Humour,

FORSYTH'S DANCE BAND
Corductor, W. E. WRIGHT.
FRED BERRY (Tenor).
MIDDLETON WOODS (Entertainer).
8.30. ERED BERRRY.
"My Dreams ${ }^{\text {" }}$. ........................ Tosti
Nirvana " ${ }^{\text {Passing }}$ By . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Purcell
THE BAND.
Waltz, "Melody of Memories " . . Pecorine Fox-trot, Selection.
Fox-trot, "Kashmir" ........... Williams MIDDLETON WOODS.
"My Stick "
"An Alnhablit" $\qquad$ Middleton Woods
"Politeness" THE BAND.
One-step, "Knock, Knock, Knock" Henley Fox-trot, "Tea for Two ", ..... Youmans Waitz, ${ }^{\text {Weur Kise Told Me }}$ + .... Sirmay

## FRED BERRX,

"Come Into the Garden, Maud" . Balfe "Like Stans Above" Squire Jane" ...................... Loin Barker MIDDLETON WOODS.

- Redeeming Features ${ }^{*}$ Down Our Street ${ }^{* *}$... Martion Herbeck Down Our Street
A Dog Yarn ${ }^{4}$.
$\left.\begin{array}{l}\text { "A Dog Yarn " } \\ \text { "The Wheeltapper's } \\ \text { Story" ........... . Middleton Woodle }\end{array}\right\}$... Story ${ }^{3}$
Shut Up
THE BAND.

Ted Lymbrey
Nichols
Fox-trot, "Shanghai "
Fox-trot, "Alabamy $\mathbf{B}$
.
Fox-trot, "Alahamy Bound ", Henderson Waltz, Solected.
10.0.-WEATHER FORECAST and NEWS. S.B. from London.

Sports Talk. S.B. from London.
Local News.
10.30.-THE SAVOY BANDS. S.B. from London:
12.0.-Close down.
$5 N O \quad$ NEWCASTLE. $\quad 403 \mathrm{M}$.
3.45. - Nora Young (Contralto). Sydney Starkey (Banjo). Sigmand Oppenheim (Pianoforke). George Tindle (Baritone). London Papers.

## ( $5.15-6.0$.- CHILDREN'S CORNER.

6.50,-Poultry Nofes.
7.0.-WEATHER FORECAST and NEWS.
S.B. from London,

Mr. F. W. CHAFDIN. S.B. from London. 7.25.-Music. S.B. from London.
7.40.-Mr. J. HARRES STONE. S.B. from 1.0ndor.

Popular Concert.
HELENA TAYLOR (Mexeo-Soprano). JACK MACKINTOSH (Cornet). EARIE SPICER (Baritone).
FRANK CHARLTON and TED BATEY (Entertainers).
THE STATION ORCHESTRA Conduetor, EDWARD OLARK.
8.0. Overture THE ORCHESTRA.

Overture, "Light Cavalry "...... Stoppe
8.10. HELENA TAYLOR.
HELENA TAYLOR.
I7th Century Ballads.
Begone, Dull Care?
Come, Lisses and Lads.'
Drink to Me Only.
The Lass of Richmond Hill."
8.20.
"Fantasia Polloa" ("Cleopatra") Damare
8.30. FRANK CHARLTON and TED BATEY.
"When We Stroll in the Mall". . Bmham
8.40.

"Duna ${ }^{\text {To Anthea . . . . . . . . . . . . . . . . . . . . . . Hosephine Matton }}$
"Steal Away " (Negro Spiritual)
The Litele Admiral" C. V Sianford
"Dawn " THE ORCHESTRA.
"Dawn . . . . . . . . . . .
9.0. HELENA TAYLOMR.
"What's in the Air To.Day ? ". . Edens
Can't Remember" . . . . . . . . . . . Goatley
"Sing, Joyous Bird " ............. Philips
9.10. JACK MACKINTOSH.
9.20. Carnaval de Venice FRANK CHARLTON and Avban FRANK EHARLTON and TED BATEY.
*The Loofah and the Sponge ${ }^{\circ}$. . Cideon "Operatic Football" ${ }^{\text {" }}$......ast. Chariton 9.35. $\qquad$ EARLE SPICER.
"The Crown of the Year " Easthope Martin
"Thinkin' of You" ......... Rrid Coates
"Young Richard" (Somerset Folk Song).
"The Fishermen of England " M, Philipa 8.50. THE ORCHEBTRA.

Suite, "The Green Lanes of England"
10.0.-WEATHER FORECAST and NEWS, S.B. from London.
Sports Talk. S.B. from London.

Sports Nalk.
Loeal News.
10.30.-THEEY'S DANCE ORCHESTRA.
11.15.-THE SAYOY BANDS. S.B. from
London,
12.0.-Close down.

2BD ABERDEEN. 495 M . 3.30. THE WIRELERS QUINTET A. NICHOL (Ist Violin) ; J. HEGGIE (2nd Violin); PAUL KILBURN (Viola), J. H. SHAW (Cello): W. HARKINS (Clarinet).

Clarinet Quintet .....................
THE WIREFESS QUARTET.
THE WIRELESS QUARTET.
Quartet in C Major, No. $77 \ldots$.. Haydn 4.45.-Feminine Topics.
5.30.-CHILDREN'S CORNER: Hawailim Musie by the Aggasilds.
6.0. -Mr . William Brown, B.Sc., M.R.C.V.S., E.R.C.P., "Veterinary Topies."

Farmers Advice Comer: Conducted by Mr. Don G. Munro, B.Sc.
6.30. THE WIRELESS ORCHESTRA. Miscellaneous Programme. Dance of the Camorrists "... Wolf Ferrari
Sertnade Humoresque" "........... Collins "Séránade Humoresque"............ Collins "Mediterranean" ...............Arnold Bax
Serenade "............................. Arensky
7.0.-WEATHER FORECAST and NEWS.
S.B. from London.

Mr, F, W. CHARDIN. S.B. from London.
7.25.-Music, S.B. from London.
7.40.-This Week's Interesting Anniversary
(Prepared by John Sparke Kirkland), "Bannoekhurn, June 24th, 1314."
8.0-8.30. TRANSMISSION FEOM COAL MINE.
(See London Programme.)
S.B. from Sheffeld.

Scottish Programme.
FLORA M. JOHNiSON (Soprano)
HUGH FRIEL (Tenor). THE WIRELESS QRCHESTRA.
8.30, THE ORCHESTRA.

Fantasia on Scottish Airs"+...... Mulder FLORA M. JOHNSON. Gaelie Songs:
"Fear a Bhata" Tow.....t....") arr.
"Soraidh Slan le Fionnairidh"
"Moladh na Lanndaidh", arr....... $\int$ Maffat
8.50.

My HUGH FRTFE.
My Love is Like a Red, Red
Kirkconnel Lea H............... arr. Moffat
9.0. "Kirkconnel The Orchestra.
"Keltic Suite "...................... Foulds
FLORA M, JOHNSON.
9.10. There Grows a Bonnie Briar Buah"

Traditiona!
"The Boatmen o' the Forth" ("Caller Ou Hosebud By My Early Walk :", Gray
A Rosebud By My Early Walk. Senior
9.20. HUGH FRTEL.
"Ofton Water" ${ }^{\text {A }}$ "..... the Airts
"The Cameron Men"
THE "2BD *" REPERTORY PLAYERS. THE WIRELESS ORCHESTRA.
9.30. The Orchestra
"An Interludo " (Muted Strings),.....Uh
9.35. "A MODEL OF TACP." A Comedy in One Act by

> A. F. Hyslop.

Jack (The Husband) WHLITAM DUNDAS
Joan (The Wife) ........DAISY MONCUR
George (A Bachelor Friend of Jack's)
G. R. HARVEY

Scene: A Sitting-Room.
Tine: Present Day.
Produced for Broadcast by
W. D. SIMPSON.
9.50. THE ORCHESTRA.
"Peasant Dance "....................... Cons
10.0.-WEATHER FORECAST and NEWS. S.B. from London.

Sports Talk. S.B. from London.
Local News.
(Continued on page 599.)

## WIRELESS PROGRAMME-BELFAST <br> (June 21st to June 27th.)

The totiers "s.8." primted in italics in these programmes sienidy a simoitancous Broadcatt trem the station mentiomer.

## 2BE <br> 439 M . <br> SUNDAY.

3.30-5.30.- Pragranume S. B. from London.
9.0 THE STATION CHOIR.

Hymn. "Father, Again in Jesu's name We Meet.
Anthem, "I Will Lay Me Down in Peace " (Bates):
The Rev. S. RUDDOCK, oi East End Bap. tint Tabernade: Address.
Hywn, Sawiout, Again to Thy Dear Name Wo Raise.
Benediction and Stainer's Seventold Amen.
9.30,-DE GRDOT and tho PICCADILLY ORCHESTRA. S.B. from London 10,0-WEATHER FORECAST and NEWS. S.B. from London. Local News. 10.15.-De Groot and the Piecadilly Orchestra 10.30. - Close dow

## MONDAY. <br> 2BE ' Quartet.

4.0.5.0. - The
5.30.- CHILDREN'S CORNER.
5.55.6.0. -Children's Letters.
7.0.-WEATHER FORECAST and NEWS.
S.B. from London.

Dr, J. J. SIMPSON. S.B. from Cardiff-7.25.- Music, S.B, from London.
7.40.- Topical Talk. S.B. from London:
8.0.9,0.- Programme. $8 . B$. from Glaugow.
9.0.

## Musical Comedy.

THE STATION ORCHESTRA.
J. H. CHAMBERS (Baritone).

THE ORCHESTRA.
Selection, "No No Nanette"... Youmans,
Oncatep Robinson Crusoe Isle,
("Whirled Into Happiness"). ...... Stolz
Selection, "Katja the Dancee ".
Eroham and Gibbert
f. H. CHAMBERS.

Coraline " "Chu Chin Chow'
The Fishermen of Eugiand"
Nortoni The Fishermen of Eugiand" (TThe Rebel Maid" ", ......" ("A Prien Phillipe
Four Joly Sailormen Four Jolly Sailormen" ("A Princess of
Kensington Kensington
THE ORCHESTRA.
Fox-trot, " And That's Not All'
10. 0 - Vets ' VEATHER FORECAST and NEWS.

PupS.B. from London.

Prof. Lascelles abercrombie. S.b.
from Lecid-Brudford. Local News.
10.30.

Dance Music of Two Scasons.
THE ORCHESTRA.
Fox-tivots.
What Do Youn Do Sunday, Mary y! Jonea It Ain't Gonna Rain No More "... Hall Why Did I Kiss That Girl! ?'

King coid Henderson
Any Way the Wind Blows"....... Honitey
Horsey, Keep Your Tail Ep
Hivat and Caplam
Barearolle Fox-trot, "By the Lake" Lange
Walk, "I Love the Mon""....... Rubene
Waltr, "Creep Into My Arms.'
Fox-trots.
Ten for Two 等 Oh, Darling, Do Say Yes,
When Percy Eifte-His Bowler Hat One-steps.
He slow.

Evans
Ot. Oh, $\mathrm{Fn}^{4} \mathrm{t}^{\mathrm{C}} \mathrm{He}$
I Doan Wanna Go
Bernett
11.80.- Close dawn.

## TUESDAY.

11.30-12.30--Gramophone Record

THE STATION ORCHESTRA.
ROSA KNIGHTS (Contralto).
4.0. THE ORCHESTRA.

Overture to the Opera "Mka " Dopplir
Holiday

| Ertractes |
| :---: |
| $\sim$ Rosamunde |

lin Forest."

## A Country Song

ROSA KNIGHTS
The Arrow and the Song
I Dream of a Garden of Sunshine
When Spring Comes to Hermann Lokr the Islands
he Quiet Hills

- Gerala Came THE ORCHESTRA
Audante for Solo Violin and Orchestra
L'Ame des Humbles " ("Rustio Scenes")
Waltz, "Estudiantina " ..... Waldteufel Fox-trot, "Paradise Alley

Areher and Carlton
5.30.-CHILDREN'S CORNER.
5.55-6.0.-Children's Letters.

## 7.0-12.0. Programme $8 . B$. from London.

7.0.-WEATHER FORECAST and NEWS JOHN STRACHEY

### 7.25.-Masie.

7.40.-Mrs. IBABEL CRESSWELL.
8.0.10.0. "A MIDSUMMER NIGHT'S DREAM " (Shakerpeare)
10.0. WEATHER FORECAST and NEWS Mr. A. LLOYD JAMES.
Mr. A. LLLOy
Local News.
10.30. "THE BEGGAR'S OPERA," Act: IV. 11.15 ,-THE SAVOY BANDS.
12.0.-Close down.

## WEDNESDAY.

4.0-5.15.

THE STATMON ORCHESTRA. DOROTH V CAMLIN (Soprano).
PADLINE BARKER (Ifarp). HAROLD HOLT (Ohoe)

THE ORCHESTRA.
March, "The Irish Patrol "
Overture, "The Merry Wives of Windsor"" Nícolai
Entr'acte, "Pizaiento" Parri Portridge DOROTHY CAMMEIN.
A Summer Ldyll " ............ Michael Head
Starry Woods H. ................. M. Phillipe
Down by the Salley Gardens "H. Hughte PAVLINE BARKER
Mazarka THE ORCHESTRA
Idylle Ecossaise" for Oboo and Strings
The Bells of Ouseley " ............ Fogg
The Bells of Ouseley the Way to Go
Fox-trots $\left\{\begin{array}{c}\text { Home "................. King } \\ \text { " Raxadise Alley " }\end{array}\right.$
One-step, "One Little One More" Bennict 5.30.-CHIEDREN'S CORNEB.
5.55-6.0.-Children's Letters.
7.0.-WEATHER FORECAST and NEWS.
S.B. from London.

Air Commodore T. I. WEBB BOWER.
S.B. from London

## Symphony Concert.

EARLE SPICER (Baritone). FREDA CAHHLL (Solo Pianoforte) THE AUGMENTED STATION ORCHESTRA
Conducted by F GODPREY BROWN. T. O, CORBIN (At the Piano).
7.30.

THE ORCHESTRA.
March on a Russian Theme, Op. 76
Glazounon
Overture, " The Yeamien of the Guard ".
EARLE SPICER.
Aria, "Hear Me, Yo Winds and Waves Handel
Isobel Frank Bridge
To Anthes
,
............ ... Pred Clay
"The Sands
The Little o Dee
THE ORC O. V. Stanford

Capriecio Italien RA.
Thaikeesky

EARLE SPICER
Two North American Indian Songa
Far OrI I Hear a Lover's Elute "; The
Moon Drops Low.'
THE ORGHESTRA
Irish Rhapsody No. 4 in A Minor, "The
Fisherman of Lough Neagh and What He
Saw "1 Stanfore
EARLE SPICER.
Negro Spirituals.
Standin': In De Need $0^{\prime}$ Prayer'
arr. Earle Spuers
Steal Away
arr. Zawrence Brown
Every Tipe I Feel De Spirit
FRED A M"E. Datcrence Bromn
scherzo in B Flat Minor
Three Studies $\frac{-N o}{7}$ in 5 in E
Minor, No 7 in e Sharp
Minor, No, 8 in F
wo Waltzes, In G Flat, In
In
E Minor
THE ORCHESTRA
Suite No. 6 for full Orchestra Bach-Wooid FREDA CAHILI
Almerin
Alberis
Jeux d'Eau
Racel
Prelade
THE ORCHESIRA
Three Spanish Dances " Granados-Wood
10.0.-WEATHER FORECAST and NEWS.
S.13. from Londom.

Sir HENRY FAIRFAX-LUCY, S.B. from
fondor. Locat News.
10.35.-HARP RECITAL by SALZEDO. S.E.

110 from hondon
11.0.-Clase down.

## THURSDAY.

4.0. THE STATION ORCHESTRA

YOLANDE ADAMS (Soprano).
THE OROHESTRA
Maxch in D............................ Schuber
Movements from Symphony in $Q$ Minor
Mozar
Selection from "Manon ""......
YOLANDE ADAMS.
Ever So Far Away " ............ C. Brairh
Phiflosoply " ….................... D. Emanel
Among the Willows " ........ M, Philline
I Love the Moon

1. Philligs

THE ORCHESTRA
Selection, "The Baby's Opera "...... Byny
Three Dances, "Tom Jones"...... German
Two-step, "The Nigger's Birthday
Fox-trot, " Poor Little Rich Girl " Conrod
Fox-trot, "Jography ................. Stran
One-step, "If All the Girls '
O.-CHILDREN'S
30.-CHILDREN \& CORNER
5.55-6.0.-Children's Letters,
6.40-11.30.-Programme S.B. from Toadon.

## FRIDAY.

11.30-12.30.-Gramophove Records.
4.0-5.0. - The " 2 BE " Quintet.
5.30.-CHILDREN'S CORNER:
5.50-6.0.- Children's betters,
7.0.-WEATHER FORECAST and NEIVS:
S.B. from London.

PERCY SCHOLES. S.B. from London.

## "A Visit to the Country."

THE STATION ORCHESTRA
MURIEL CHILDE (Mezzo-Contralto). REGINALD DOBSON (Violoncelfo). THE BELFAST RADIO PLAYERS.
7.30 .

## HEORCHESTKA

A Motor Ride" ..t................. Bidgood
Overture, "Poet and Peasant". ..... Suppe MURIEL CHILDE.
In Summertime on Bredon " P.......... Pet The Lark Now-Leaves His Watery Nest"
The Wayfarer's Night Song "
Eositiono Martiv: Breicer
The Fairy Pipers "
(Continued on the fecing page.)

## BELFAST PROGRAMME. <br> (Continued from the facing page.)

THE ORCAESTRA
Sketch, "By the Tarn," Op. 15, Mo, 1, for string Orchesrra and Clarinet ... Coossens Burat Suite, "Woodland Pictures

Pletcher
In the Huyfield ": "An Old World Garden ": "The Bean Feast."

RELATNALD DOBSON.
Cello Solo, "I idylle" "... At
Morris Dance, "Skipton Big"
Holliduy

## "Back to the City." <br> THE ORCHESTRA

March, "The Special Constable" St. Quentin Selection, "To-Night's the Night" Nubena Good Night, Beloved
(Sola Cormet, H. TAYLOR.)
9.15.-Councillor R. T. HARPUR; " The Wet face of the Blind in Belfast.:
9.30.

The Padin! Playes
COLDMBINE
A Fantasy by Regimald Axkell. With Music by
I. STANTON JEFFERIES, Charactera
Dan' (An Old Man)...CHARLFS K. AYRF: Nathan'l (A Poy) .......J. It. MAGEEAN
Columbive .......... NORAH CAMPBELL Colambine Harlequin Pierrot TYRONE POWER Play Priten MALCOLM Play Prodnced by
TYBONE POWFi,
7.0.-WEATHER FORECAST and NEWS. S.E. from London.

The Man and the Mument. S.B. from Eondon.
Lucal News.
10.30.-Progronime S.B. trom London.
11.0.-Close down.

## SATURDAY.

4.0.-Children's Concert by Members of the Radio Loagre.
5.30--CHILDREN IS CORNER.
5.55-6.0. -Children's Letters,
10.0.-WEATHER FORECAST and NEWS, S.B. from London.

Mr. F. W. CHARDIN
8.B. from London.

## Popular Song and Ballad Memories.

7.30. THE STATION ORCHESTRA.

Royal Air Force March " Wasford Daviea Selection of Popular Sengs
Selection of Popular Song
Wilfred Sunderion

## Below Ground.

8.0-8.30. TRANBMISSION FROM A COAL MINE.
(See London Programme.
s.A. from Sheffeld.

## Above Ground.

8.30. Gapriccio, "Butterflies "............ Hume Song Without Words, "The Bees" Wedding" The Two Nightingules "- Polka for Two Piecolos and Orchestra .i............. Roe (S. H. DARVILL AND W. P NEAVE.) Violin Solo, "Le Cauari" ….... Poliakia (ERNEST A. A. STONELEY.)
Dances from "The Blue Bird"...... O'Neill 9.15.-DANCE MUSIC. S.B. from Glasgow.
10.0.-WEATHER FORECAST and NEWS. S.B. from Landon.

Sports Talk. S.B. from London.
Local News.
10.30.-THE SAVOY BANDS. S.B. from London.
12.0.- Close down.

## PROGRAMME 12.0.-Close down.

5SC GLASGOW. 422 M An Hour of Melody.
THE WTRELESS QUARTET.
D. R. PRENTICE (Bass).
3.30.

THE QUARTET:
Qverture, "Poetand Peasant
.........Suppe Selection, "La Tosca",......... D. R. PRENTICE.

The Gentle Maiden . Pnctini
......arr. Somervell 4.0. The Little Adminal" ............Stanford 4.0. Symphe QUARTET, Symphony, "The Clock \#........... Two Entr actes .Haydn

Valse, "Wiener Laft $\qquad$ Thomas 4.30. D, R. FRENTICE
"Silent Noan" ...... Vaughon Ziehrer

Father OFlym
SATURDAY
(June 27th.)
(Continued from page 597.)
4.45.-WOMEN'S HALE.HOUR.
4.45-WOMDA HALE.HOUR.

Day for Children of All Ages.
6.0-6.5.-Weather Forecast for Farmers.
7.0.-WEATHER FORECAST and NEWS. S.B. from London.

Mr.F.W. CHARDIN. S.B. from London.
7.25,-Music. S.B. from London,
7.40.- "The History, of Coalmining," by
"DATELLER?" S.B. from Sliefficld. 8.0-8.30. TRANSMISSION FROM COAI. MINE.
(See London Programme.) S.B. from Sheffield.

Request-Humour-Dance.
THE STATION ORCHESTRA . Conducted by ISAMC LOSOWSKY. REGINALD WHITEHEAD (Bass). DANIEL SEYMOUR (Tenor).
8.30. REAINALD WHITEHEAD. Song Recital.
${ }^{*}$ Freighte song Recites.
"Masic. When Soft Voices Die ". Besty He That Loves a Rosy Cheek "......iemoorn If All the World " ${ }^{\text {I }}$................... Philtips The Pipea of Pan ".....................Elgar 'Old Engish Love Song '"..........Altition

Second Episode.
*THE THREE MUSKETESERS * (Dumas):
Incidental Music by
THE STATION ORCHESTRA.
Arranged for broadeast by MUNGO M. DEWAR and GEORGE ROSS.
THE STATION DRAMATIC COMPANY :

## DANLEL SEYMOUR

and
THE ORCHESTRA.
Latest Chorus Numbers.
Fox-trot. "Follow the Swallow ", Waltz "Lovers' Waltz ", Fox-trot, "Oh, How I Love My Darling " ; Fox-trot, ${ }^{*}$ In a Rendez-Vous" ; Walts a Melody of Momories " ; Fox.trot, "Shanghai "; Fox-trot, "Show Me the Way to Go Home."

DANCE MUSIC
Relayed from "The Plaza."
S.B. to Belfast.
10.0.-WEATHER FORECAST and NEWS. S.B. from London.

Mr. G. B. PRTMROSE : "Sport of the Day,"
10.30.-THE SAVOY BANDS. S.E. from Lordon.
12.0.-Close down.

You can't get wet in the 29/6
Feather Weight STORMPROOF
The 1925 PRICE REDUCTIONS show appreciable savings on "Mattamac " Stormproofs. The "Mattamac" is identical in appearance with the usual five-guinea Weatherpcoof. In utility, also, it equals its much-more-costly competitor. It wears as long, weighs one-third, and is albsolutely Waterproof. Light and compact-folding, Wind, Chilf and Wet proof, a "Mattamac " is the ideal generalutility Coat to take with you on Holidays. It combines the purposes of Light Overcoat and Stormproof.

Don't risk disappointment with an imita-
tion. Get the penvine, which is habelled
WEIGHT 19 ozs.
FOLDS INTO
THIS SIZE

"Mtatta" Fabric is exceedindy. "Matta" Pabric is exceedingly
Mapact: The Coat worn by the 60 . iman beneath, when folded, fust made
this handful, rais for toin form an arinel
3 ozs . HEAVIER THAN AN UMBRELLA


MADE FOR EVERY OUTDOOR PURPOSE
Town and Country Unbelted Models in Fawn, Olive, Gown ander, Nigger, Silver, Black and Blue, 29 6; Belted Models, 32.6; (no extra charge for even the largest Adult sizes) ; and grown-up-style Models for Children Acilis sleses, at size prices. Made entirely from the kentione "Matta" (Reg'd) Fabric, with adjustable wind-cutis, perpenalicular pockets, lined zhoulders, Raglan sleeves, roomy "under-arms" and the Raman sleckes, Conduit St, London, W.
"MATTAMAC" ART BOOKLET POST FREE illustrating in Models. A p.c. brimgs the Boolklet and Patterns of "Matta" Fabric, or you can sately send your order without waiting, wherever you may live SENT ON SEVEN DAYS' FREE APPROVAL You buy without risk, Send cbest measurement over waistcoat (Ladies meisure over Blouse), height and remittance, stating colour, and your "Mattamac' will be sent post free British Istes (extra abroad). If you are not fully satisfied you can return it within days of receint and get your money back in fall.
"Mittamac" Stormproofs are only obtainable from the "Mattamac" Showroons and Branches, from our accredited Provincial Agents, and oy pose from the
Conduit Street Headquarters. If nuable personally Conduit Subet headquarkers with remittance, or to inspect Models, send order the "Mattamac" write to Pearson Bros, for the ir
Booklet 170 A .


Booklet 170 A.
4,5 NBWBURT Hocsi
BROTHERS
, LONDON, W. 1 (1)
MATIAMAC" BRANCHES NOW OPEN AT:
Ladeate Hill, Losdes. E.C. (tes doort from St. Paul'):

 12as, Vietoria St. Westminater, S.W. (twe doors fros Ashley Mace). ant at 134 . Neve St. Birniegham (nest Joar to Grummar Schan). 400 PROVINCIAL. AGENCIES HAVE AMPLE STCCKE.

## Motorists and Muddled Laws.

## By Stenson Cooke* (Secretary of the Automobile Association).

AD laws differ from customs in that laws just grow. If a law is bad, or stupid, custom, in time, will kill it.
According to law we may not sell a postage stamp to a friend without having a licence Cusfom says: "That's all nonsense"-and our friend gets the stamp. We may not ride our bicycle across the foot-path from our gate to the road. Pram and seooter are equally taboo, according to law. It is illegal to drive a motorcar faster thail twenty miles per hour on any public highway-but we do.

## "Keep to The Left.

In law there is no wrong side of the road. We may drive-or ride-on either side. Only when meeting other traffic we must keep to the left, but there is no general rule that we must overtake en the right.
Thus saith the law, but custom improves on this, It tells us to keep well over to the left, cither on the straight or round corners, because it is safer to do so.
According to law, when on the highway wo may walk anywhere, or how, down the very middle of Piceadilly if it please us, and mo constable may deny us progress, be that progress ever so stupid. Oh, yes. The law is funny, and custom is nearer to our heart. It is so much moro human. Nevertheless, we must abide by both in order to obtain quiet enjoyment of the road, which belongs to us all.

## A Bonfire Tragedy.

Technically, wo may not fly kites in the street, nor make slides upon ice or snow. We may not hang a clothes line over the highway-nor an aerial. We miny not fire a gun, nor make a bonfire within fifty feet of the middle of a high road. All very sound and reasonable-especially the last. Farly this year one of our A.A. Inspectors was killed within half-an-hour of leaving fis home. He was riding the usual Road Service Duttit. A big bonfire was well under way in a sectl-far too near the road. A gust of winda screen of moke-a cart round the bend-and smash : Perhaps something similar happened in the old days, and instigated this law. All the same, I think there are too many road laws, and we must clamour to have them simplified.
We, whose life work it is to serve road users' intereets-are clamouring loudly and incossantly. That old word "precedent" helps in this respect.

## Byo-Laws That Differ,

Nincty years ago, when skirts were really skirts, and shingles were chignons, the Powers that were raked over a hotch-potch of Statutes, cut out a lot of extraneous stuff, and served up the remainder as the Highways Act of 1835 . Now, ninety years later, we are by way of getting a whole bunch of Acts of Parliament similarly pruned and mbodied in one practical Road Bill. And high time, too. Never was coordination so badly reeded.
In so simple a matter as overtaking a tram the bye-law of one town differs from that of another town. In one we may overtake on the near-side ; in another we must pass on the off-side-which is absurd. Costoms, too, needs bringing up-to-date.
Until quite recently the signals made by police officers when directing traffio were quite ais diverse. Drivers were muddled. What was right in one town was wrong twenty miles away, and sometimes it meant forty shillingy und costs, to say nothing of an endorsement on our licences. The Chief Constables of Counties and Cities and Boroughs, met together, pooled

[^0]their ideas, and evolved a uniform system of police signals, so that we who run may read. All honour to them.

These sane and sporting officials of the vast road-using public did more. They invited $u s$ organized motoring - to their deliberations, and we evolved together a uniform system of traffic signals for drivers, which was approved by the Home Office, and, in due course, published.

## The Sword Arm Free.

From very old custom we drive by the left and walk by the right. Why? I have never read or heard of any reasons, Perhaps the first was because to do so gave more room to flourish the whip without annoyance to people on the footpath-and the second, sarely to leave the sword arm free for instant use against Mr. Bad Manners, who then, as now, would barge and bully his way along-until he met resentment this time with a point sharp and ready.
Blind corners are allowed by law. They are typical of our British love of privacy, which impels a Londoner to build high brick walls or eultivate dense foliage right up to the last inch on corners or side turnings, and so sereen the beauties of his park or garden from the common gaze. Blind corners, now, are very productive of aceident. Progress calls loudly for their removal-but the problem is difficult.

## The Warning Light.

Gates acroes main roads are bad. In certain cases they are allowed by law, which does not even provide for them being properly lighted. Railway level crossings are not quite so bad. Some gatea must display a red warning light-but not all. Why \& I can only assume that these selfish and profitable developments by railways were wangled through Parliament before there was in being any powerful and watchful organization of road users,

Electris tramways, too, have mixed their blessings, Law permitted the erection of centre-standards, which carried the electric current to both lines of tramway. This was an economy to the tramway combines, but an obstruction and a danget to other road usens. And custom (voiced by organized motoring) proclaimed this as an evil, and most of the obatructions have now been moved.

In England efforts are now and then made to subordinate the smooth and easy pdssage of other traffic to the convenience of tramways, Bils are presented to Parliament containing clauses which would, if paseod, compel all overtaking traffic to stop every time a tram stops, and not to proceed untit its passengers have entered or alighted from that particular tram.

## Congestion and Loss of Time.

Hurriedly, you would say that seems fairsafety of the public and so on-but-NO: It would lead to restraint and congestion and loss of public time-and, after all, the publie safety is properly observed by all considerate drivers-and by the police-in whose capable hands we may quite well leave the tapk of dealing with the inconsiderate-and inconsiderable fow.

One of the best forms of discretion is never to overtake and pass another unit of the road army when yet another unit is approaching on its proper side, the sido allotted hy custom, which means safety. Never should we do it unless the road is so clear and the distance between us so great that no danger can arise.

There is nothing so apparently easy, yet 80 really difficult, as to judge the speed of an oncoming vehicle. In such case-when in doubt - dor't A mistake like that may be made once. There may be no twiec.

## Is. British Music Original?

## Works That Appeal To Listeners.

DURING the last few months listeners have heard many works by contemporary British composers: Although I am not in the secrets of the powers that run the B.B.C.. I think I am justified in concluding that it is the policy of the company to hroadcast as many native examples of the art of music as they fancy their public cain digest. This being so, and taking for granted that the compositions selected are representative, the average reader will have formed, no doubt, some opinion of the value, or otherwise, of British works.

## Too Reminiscent.

Is there, then, in these works an idiom, a lower common multiple, which we can at once recognize as being our own? That is the question, and I submit that the answer is not int the affirmative. The music of our composers is too reminiscent. We are not the only offenders. It would bo very hard for anyone but an expert to tell the difference between modern German, Dutch, or Austrian music. Of modern Russian misic, owing to the Revolution, we know practically nothing; but it is a comparatively easy matter to distinguiah between Freneh, Italisn, and Spanish works.

To return to our own art. I think all will agree that John Ireland, Holst, and Vaughan-Williame have intensely individual styles. There is a sort of sincerity shout their work and an atmosphere of honesty which, rightly or wrongly, one comecots with this ceantry.

## Three Exceptions,

Arnold Bax is much more cosmopolitan in outlook, and so is Holbrooke. The former at onc moment reminds one of the last-century Russians, at another of César Franck, and at another of the rather seutimental Irish folkidiom. The latter's great facility partakes more of the Geriman mode than our own. Cyril Scott's niver is essentially French in feeling, and, althongh he was a pioneer of miodern nusio amongst us, yet within the last few years ho has failed seomingly to write any works of great significance.
But there are, to my mind, at least throe composers whose idion is unmistakably Britieh. Their tumes are Edward German, BalfourGardiner, and Percy Grainger. The former is chiefly known by his adminable light operas, Merris Eugland and Tom Jones. He has been called the successor of Sullivan, and this is in part true, although he poseesses certain characteristics that Sullivan never had, and lacks some that Surlivañ possessed. Balfour-Gardiner has written compratively little, but it is all good, honest, hoalthy stuff, full of strong melody and virile harmony.

## Tunefulness and Humour.

Percy Grainger is now a nataralized American, but this cannot prevent us from realizing that his short works like "Shepherd's Hey," "Mock Morris," "Handel in the Strand " represent the English characteristics of cheerfulness and jollity botter than any other contemporary compositions.

In the confines of a short article like this such a big subjoot as I have indicated cannot he adequatoly corsidered, but I would beinclined to wager that the works that appeal most to listeners are those infused with that tunefulnees and humour which is so characteristio of the three composers mentioned above.
The other sort bores them. It is not only becanse such work is experimental, but because the British spirit as exhibited therein is, like a certain other British spirit, considerably under proof.
C. a Beckett Wrilays.

## Earning a Living By Radio.

## Wireless as a Career. By P. P. ECKERSLEY.

THE ubiquity of "Wireless," its fascination as a hobby for the mechanically-minded, and the ease with which the simplest apparatus works (to an extent) have led many parents to think that it presents a wonderful opening as a career for their boys. As one who has been through the mill and who, in his official capacity, is besieged with applications for employment I think it might be advisable to point out possibly somewhat pessimistically, that though potential careers may be looked forward to in the industry, as much training, technical application, and skill is necessary as for any other vocition.

## Enthusiasm and Enjoyment.

Someone has said that the greatest of fun in the world is work. To my mind, the application of the saying needs qualification. If it really were 80 , would we have the problems in Industry which confront us as a nation to-day? Does not boredom breed, too often, unvent? To make the saying come true, one might say that the greateat fun in the world is work for which one has a vocation. Enthusiasm is the mainspring of the enjoyment of work-it is the sine qua won for atvancement; but enthusiasm must be wedded to knowledge, if suceess is to be the child of the union.

Enthusiasm we have, however, in the would-be followers of the Wireless art, and this gives a happy augury for their future; enthusiasm drives ; but, alas ! it may drive us into barren paths, if we have not a knowledge of the general lio of the land we are to explore

Knowledge! An easy term, but its true interpretation is often diffieate to interested people, A present, the Wircless world is overrun, from top to bottom, with people who have not enough baste knowledge to give them the authority they sometimes assume. A humbler aspect towards the problems which beset is would uften more become those who assume the mantle of "experts," and give them in some eyes a better right to the regallia.

## A Sure Foundation.

The object of this article is t 0 indicate how this desirable knowledge is to be obtained. May 1, for what my opinion is worth, first indieate what I consider the ideal? First, a good general elucation, and, if it mitist have a buss, it should be towards the appreciation of the scientific method which is, I suppose, to go no further than knowledge leads, A good classical education is no bar to a man's appreciation of a good eleotrical deaign! After a matriculation, the particular study ot electrical engineering is desirable-the study of Wireless itself is quite subsidiary-know physics and electrical engineering, and Wirelear is a side-line. True it has its own technology ; but still it remains subservient to the trasic subject

Particularly one advises is real knowledge of attermating current, Le it concerned with the fifty cycle A.C. supply commonly used for lighting and power, the higher


CIVILZATION.
Here with a loaf of bread beneath the bough
A double Scotch, a book of verse and " 2 LO
Beside me, singing in the wilderness,
And wilderness is Paradise enow.

I have, perhaps, indicated in my ideat something unattainable by those-alas 1 how manyunable to afford Universities and such like; whose children, in fact, must earn their living us soon as may be. In indicating an ideal I have, however, given them an object to work for, a model to follow, however impossible the ultimate attainment. May I tell them that to-day some of the wen whose opinion I respect most have had few of the recommended advantages, but still have had the sense and the imagination to study the essentials and leave the ephemera to the noisy and the pretentions? Whoever aspires to bigh honours in the technieal world of Wireless must, beyond there qualities of imagination and mother wit which God has given them, bring also application to master those fundamentals which alone are important.

## What to Read

The principles are all laid down in text books purchasable for a few- shillings. Fleming's "Magnets and Electric Currents," Joubert Foster on "Electricity aid Magnetism," Fleming on "Waves and Ripples in Water, Air, and ※ther," Sylvanus Thompson's "Calculua Made Easy," have all helped me at one time and another. To the student equipped with fair mathematical knowledge, Turner's "Outline of Wireless" and Dr. Eceles's "Wireless Telegraphy and Telephony" are both excellent. Bangay (Part I. and Part IL.) is good for the more elementary. I do not know of a firstelass book on alternating currents. If any reader would recommend a boek for my perusal. I should be delighted to gise its name Jater in 7 the Radio Times.
To a man wishing to become an operator, there are, of course, numerous schools all over the country. An operator's training and later his actual serviee give an excellent foundation for betterpaid and more reaponsible posts.

## Go!den Watch-Words.

thove all, my advice, for what it is worth, is to study the fundamentals; the rest will be easy From Ohm's law thoroughly mastered is not a far step to the same law applied to alternating eurrents, and that alone will help a man to a Wincless knowledge far aurpassing those in the profession who are stuck fast on account of their lack of appreciation of the basio faets of the art.

The watchwords are, then, Imagination, Enthusiasm, and Basic Knowledge - the last an acquired characteristic, unfortnmately not inherited.

There is, of course, the factor of Luck, of which the writer has had more than his fair share.

It has been suggested that some recent experiments with the broadcasting of poetry imposed upon a background of stritable music have boenso anecessful that they should be developed as a feature of the work of the B.B.C. To earry out this idea is by no means easy, It is necessary that there should be artists capable of improvising musie oonsistent with the idea of the poetry.

# THE CHAIRMAN OF THE B.B.C. SERVICE OF WIRELESS NEWS 

## WIRELESS IN NATIONAL LIFE.

## A Public Service.

## To the Editor of "The Times."

Sir,-During the last few days I have noted with great interest your institution of a new daily feature dealing with wireless and broadcasting. Believing. as 1 do, that wireless broadcasting has now become a permanent part of the machinery of our civilization, 1 feel sure that your enterprise and foresight will be greatly appreciated by your readers.
The articles and letters are such as to increase the interest of the public in the development of wireless transmission and reception. Moreover, the constructive and well-informed criticism which your new feature promises will be of great value to the Broadcasting Company in consolidating the public service character of their work and improving their programmes. - Yours faithituly.

GAINFORD. Chairman. The British Broadcasting Cow, Ltd. Headlom Hall, Gninford. Darlington. May 28.


To be kept well-informed on all wireless matters.
No other daily newspaper gives the same service of News, Technical Notes and Articles.

## TWOPENCE DAILY

## Dundee Programme. 2DE 331 M .

Week Beginning Sunday, June 21st.
SUNDAY, June 21st.
3.30-5.30- - Programme S.B. from Glangow.
6.30-7.45. - Service conducted by the Rev. GEORGE A. MILL.S, M.A. Relayed from Dundee Pariah Church (8t, Mary's). 9.0-10.30.-Progranume S.B. from London.

MONDAY, June 22nd.
3.0-4.30--Concert. Women's Topics.
5.30-6.0.-CHHLDREN'S CORNER.
5.40-8.0.-Programme S.B. from London.
8.0-11.0.-Progranme S.B. from Glasgote.

TUES., June 23rd, THURS., June 25th.
11.30-12.30-Recital of New Gramophone Records. (Tues, ).
3.30-4.30.-Kinnaird-Hall Picture House Orchestra.
$5.30-6.0 .-\mathrm{CH}$ ILDREN's CORNER.
U, 40 onwards.-Progroumes S.B. from Landon.
WED., June 24th, SAT., June 27th. 3.0-4.30.-Concert. Women's Topich 5.30-6.0.-CHILDREN's CORNIER. 65.40-7.40.-Programine S.B. from London. 7.40.-Boy' Brigade Tall. (Wedneeday). 7.40.- "2DE" Sporta Comer. (Sat.). \&. 0 onwards.-Programme S.E. from Gtasgow.

FRIDAY, June 26th.
3.30-4.30-Kinnaird Hall Pieture House Or chestra.
5.30-6.0.-CHILDREN'S CORNER.
6.40-7.40.- Progratume S.B. from London.
7.40-8.0.-Dundee Horticultaral Society Bulletin.

With the Festival Winners 1. Instrumental.

AUGMENTED STRING ORCHESTRA Under the Direction of WILLIAM HARTLEY,
8.0 .

GRACE FORBES (Contralto). Suite from the Opera, "King Arthur" Overture, Introduction to Act $\mathrm{B}_{\text {. }}$, The Grand Dance.

NAN LACKIE (Solo Violin) Sonate in G (1st Movement) ...... Tartinis Jig ....................... Iamervell

Romance ("Migmon") ........ Thomas -Softly Awakes My Heart ". . Saint-Siens THE ORCHESTRA.
Sinfonietta in D
Mozart
Seremata
Tosell
Humoreake
Deoval
MARY LESSLIE (Violin):
Sonata, No, 8 (Allegro Vivace) Becthoven GRACE FORBES.
PPersian Love Song
Pubinstetin
Roam As I May "...... Salvator Rosa Go, Lovely Rose " . . . . . Roger Quilter
9.0. THE ORCHESTRA.

Suite for Strings, "The Seasans"
Serenata
T. C. Ames

Mop=kowski
Gavotre "Mignon ") ........ Thomas
DOROTHY ROY (Solo Violin).
Andante from Sonata, No. 2, in A .. Bach Hornpipe

Rowsby Woof
ARTHUR PATERSON (Violin) :
HAROLD HALL ('Cello):
Trio, "Celtio Prelude" Rutland Boughton
GRACE FORBES.
*Song of the Pitgrims Braok
"Where Corals Lie" . . . .............. Elgar
Meadowrweet " Brahe
THE ORCHESTRA.
Minuet in A ................. Boccherivi Andante Cantabile .......... Tchcuikoneky Doges' March .......................... Rosae 10.0-10.30.- Programmo S.B. from Landon. 10.30. F. ELLLOT DOBIE (Bess-Baritono). Song Recital.
11.0.-Close down.

Weekdayn 0.0 - 6.5 -Chintdren's Letters.

## Edinburgh Programme. 2EH $\quad 328 \mathrm{M}$.

Week Beginning Sunday, June 21st.

## SUNDAY, June 21st,

3.30-5.30--Programine S.B. from London. 8.0-9.0. - World Convention of the Women's Temperance Union. Principal Speatker: Lady ASTOR. Relayed from the Usher Hall.
9.0-10.30.-Prognaminc StE. from London.

MON., June 22nd, TUES., June 23 rd , THURS., June 25 th.
11.30-12.30.-Gramophone Recorde (Tues and Thurs.).
3.0-4.0. - The Station Pianoforte Trio,
5.0.-CHILDREN's CORNER.
5.50-6.0.-Children's Letters.
6.10-6.25:-Miss Asa Matsuoka on "Educution in Japan." (Tues.).
(6. 40 onwards.- Programme S.B. from London

WEDNESDAY, June 24th.
2.30.- The Station Piamoforte Trio.
3.30.-Talk to Sehools : Mr, E. W. M. BaliourMelville, M.A., on " Sir Robert Poel.
5.0.-CHILDREN'S CORNER.
5.50-6.0.- Children's Letters.
8.10-6.25.-Dr. Amna Gordon of Itinois, U.S.A.
6.10-7.35.-Proprammo S.B. from Lomdon.
7.35.-Mr. J. CHISHOLM = Horticultural Talk.
7.40-8.0.-Programme S.B. from London.
8.0-11.0.-Pragramme S. B. Jrom Glangae
11.0-12.0.-"THE ROMANY REVELLERS
from the Dunedin Palais de Danse.
FRIDAY, June 26th.
2.30.-The Station Pianoforte Trio
3.30.-Talk to Schools: Mr. Edward Albezt, M.A. : "The Historical Novel " (3).
5.0.-CHILDREN'S CORNER.
5.50-6.0.-Childran's Letters.
6.40-7.40.-Propramme S.B. from London.
7.40.-Talk by The Edinburgh Radio Society.

## Dramatic and Musical Evening.

EDNA GODFREY-TURNER and
WHLLIAM MACREADY
Dramatio Perforimanee.
8.0. "A DAUGHTER'8 CHOLCE."

By Doniald Eduardes.
8.35. VIDA VALLANCE (Contralto).

The Glory of the Sea " ...... Sanderson
8.57 Soul of Mine " ........................ Barne
8.57. REGINALD WHITEHEAD (Bass) Cumberland Way "r ................... Lee
-The King's Minstrel "..................... Pinsudi 'Five Eyes ${ }^{\prime \prime}$............................. Qibb ${ }^{\circ}$

### 8.58.

 VIDA VALLANCE.The Lament of Isis "............. Bantock "The Rose Stall Bloom Again" "... Oliver The Little Rose-clad Window Forstec
9.11. REGINALD WHITEHEAD

## Rondean "

Contrabund "1
"Old English Lave Song " Morning Hymn ............... Henachel

### 9.23. <br> 9.03.

IIARRIED ITLE
VIDA VALEANCE.
Lochnagar ${ }^{7}$
Sound the Pibroch "1
............... Sculch
"Caller Herrin
10.0.-WEATHER FORECAST and NEWS. S.B. from London.

The Man and the Moment," S.B. from London.
G. I. MARSHALL on Station Topics.
10.35 (appros. ) DUPITER MARS (Entertaines). In Selections from his Repertoire.
11.0.-Close down.

SATURDAY, June 27th.
3.0-4.0.- The Station Pianoforte Trio.
5.0.-CHILDREN'S CORNERE.
5.50-6.0.-Children's Letters.
8.40-7.40.-Progranme S.B. from London.
"History of Coalmining." By "Datel. lee." S.B. from Sheffield.
8.0-12.0.- Prognamamo S.E. from London.

## Hull Programme. $6 \mathrm{KH} \quad 335 \mathrm{M}$.

Week Beginning Sunday, June 21st. SUNDAY, June 21st.
3.30-5.30.-Programme S.B. from London.
8.30-9.0.-Studio Service
9.0-10.30--Programaue S.B. Jrom London.

MONDAY, June 22 nd, and WEDNESDAY. June 24th.
3.0.-Musie from the Majestic Pieture House. 4.0-4.30.-WOMEN'S HALE-HOUR.
5.15.-Children's Letters.
$5.95-6,0$. - CHHDREN's CORNER.
6.10-11.0.-Programme S.B. from Loiddon.

TUESDAY, Jane 23 rd, THURS., June 25th.
3.0.-Herman Darewski and his Band, relayed from The Spa, Bridlington.
4.0-4.30.-WOMENS HALE-HOUR.
5.15.-Children's Tettens.
5.25.-6.0.-CHH.DREN'S CORNER.
6. 40 onwards.-Progranme S.B. from LondoH.

## FRIDAY, June 26th

3.0.-Music from the Majestio Pieture House.
3. 30 -.-Transmission to Selioels : Mr. C. H. Gore, M.A., on "Music.
4. 0 --WOMEN'S HALR-HOUR.
4.30.-Gramophone Records.
5.15.-Children's Letters.
5.25-6.0.-CTHDDREN'S CORNER
6.40-7.40.-Programme S.B. from Loilon
$7.40-7.55 .-\mathrm{Mr} . \quad$ C. W. RODMELL, B.A., A.M.E.Chem.E., "Photography" (4). Opera.
8.0. THE HULL MILITARY BAND.

Overture, "The Flying Dutchman
Hragner HARHY BRINDLE (Baritone)
Vulean's Song
Gounod

- Mephisto's Serenade ". ............. . Gounced

Recit., "I Rage, I Melt, I) ("Acis and
Burn " ...................
Aris, "o Ruddier Than the Galatea")
Cherry " THE BAND.
Selection, "Rigoletto" . . .......... Verdi HERBERT THORPE (Tenor)
Celestia! Aida" "Alda ")......... Verdi
On With the Motley" ..... Leancatallo
Let Me Like a Soldier Fall" ...... Wallace
Solection, THE The MaND. Tarriage of Figaro"
HARRY, BRINDLE AND HERBERT THORPE.
"In the Solemn Hour ................ Verdi
"The Moon Hath Raised " ...... Bencdict
9.15. THE BAND

March. "Sons of the Brave "... Bidgood Concert Valse, "Destíny "............Baynes HARRY BRINDIF
Linden Lea " ..... Vaughan Filtiams
It's a Beautiful Day " Sterndate Bernell Come to the Cookhouse Door Wotreley Charles THE BAND.
Suite, "Three African Danees"......Ring
10.0-10.30.-Programine S.B. from T.andon.
10.30. HERBERT THORPE.

At the Mid-Hour of Night "......Coven
Sea Gipsy ".............. Michact Head
Molly Brannigan (Irish Air)...Sennford
HARKY BRINDLE AND HERBERT THORPE.
 THE BAND.
Suite, " Americama "................... Thurbath
11.0.-Close down.

SATURDAY, June 27th.
3.0.-Herman Darewski's Dance Orcheatra,
4.0-4.30-WOMEN'S HALF-HOUR.
4.0-4.30.-WOMENS HA
5.15.-Children's Iatters.
$5.15 .-$ Chtaren's Latters, CORNER.
$5.25-6.0$. CHILDREN'S CORN.
6.40-7.40--Programme S.B. from London.
7.40. - History of Coalmining," by "Datel-
ler." S.B. from Sheffild.
8.0-12.0.-Programine S.B. from Loniort.

## COUPONS IN LAST FOUR ISSUES OF TIT-BITS.



IN this Competition "TIT-BITS" offers to readers a double opportunity of winning a Handsome Cash Prize and of hearing their own favourite programme broadcast by the B.B.C.

All that Competitors have to do is to select from a list of outstanding Features of the wireless programme the ten they consider most popular, and place them on the Coupon in order of popularity.

The last coupon for "Wireless Features" free ballot appears in this week's "Tit-Bits" now on sale. Buy your copy to-day, or if you are too late, ask your newsagent to obtain a copy for you. Closing date June 25th.

## THE PRIZES.

$£ 500$ will be awarded to the sender of the coupon which gives the greatest number of popular features correctly placed or nearest to order of voting. Another $£ 500$ will be offered in "Tit-Bits" on sale to-morrow in connection with wireless programmes, when you will be able to vote for your favourite Artistes.
||


## Leeds-Bradford Programme. 2LS $\quad 346 \mathrm{M} . \quad 310 \mathrm{M}$.

## Week Beginning Sunday, June 21st.

## SUNDAY, June 21st.

3.30-5.30.-Progrxmme S.B. from London. 6.30-8.0.- Independent Order of Foresters, High Court of Yorkshire Church Parade. Service relayed from Brunswick Chapel, Leed. Address by the Rev. A. E. WHITTAM.
8.15-9.0.-Service relayed from the Cathedral, Bradford.
9.0-10.30.-Programino S.B. from London.

## MONDAY, June 22nd.

11.30-12.30. -Signor Calamaniand his Orchestra, relayed from the Scala Theatre, Leeds.
2.45-3.45.-The Station Trio.
5.30.-CHILDREN'S CORNER: Uncle Bob's Evening of Song and Story.
6.10.-Children's Letters.
6.15.-'Teens' Corner.
6.40-11.0.-Programme S.B. from London.

## TUESDAY, June 23rd.

11.30-12.30.-Gramophone Records.
$3.30-4.30$.-Dance Orchestra, relayed from the Majeatio Restaurant, Leeds.
4.45-5.15. - WOMEN'S HALF-HOUR
5.30.-CHILDREN'S CORNER: A Musical and Dramatic Evening by Uncle Max.
6. 10.-Children's Letters.
6.15.- Teens' Corner.
6.40-7.40,-Programme S.B. from London.
7.40. Scouts' Corner: "The Cub Law and Promise," by Mr. Piehardson.
8.0-12.0.-Programme S.B. from London.

## WEDNESDAY, June 24th.

11.30-12.30.- SignorCalamani and hisOrchestra. 3.30-4.30. -Signor Calamani and his Orchestra. 5.30.-CHILDREN'S CORNER : An Excursion with Auntio Nora.
6.10.-Children's Letters.
6.15 .-Teens' Corner.
6.40-7.35.-Programme S.B. from London. 7.35-7.40.-Horticultural Talk.
7.40-7.55- ${ }^{4} \mathrm{On}$ My Anvil," by the Smilesmitl. 8.0-11.0.-Programme S.B. fromt London.

## THURSDAY, June 25th.

11,30-12.30.-Gramophone Records.
2.30-4.0. - The Bradford Theatre Royal Picture House Orchestra, relayed from, the Honse Orchestra, relayed
4.45-5.15.-WOMEN'S HALF.HOUR.
6.30.-CHILDRENS CORNER: A Fairy Play by Uncle Thespis.
3.10.-Children's Letters.
8.15.-Thens' Corner.
6.40-11.30.- Programme S.B. from London. FRIDAY, June 26th.
11.30-12.30, - Signor Calamani, and his Orchestra.
3.30-3.45.-Talk to Local Schools.
4.0-5.0.-Signor Calamani and his Orehestra. б.30.-CHILDREN's CORNER: Auntie Doll's Evening.
a.10.-Children's Letters.
6.15.-Teens' Corner.
6.30.-An Appeal for the National Children's Home and Orphanage, by Mr. FREDER. ICK SCHOFIELD.
6.40-8.0.-Programme S.B. from London.

NELLIE JUDSON (Soprano).
LOUIE COCKCROFT (Contralto). VINCENT WARD (Tenor). HERBERT BUTTERWOKTH (Bass). ALFRED GIESSING (Solo 'Cello). KATE SMITH-OATES (Solo Piano). NELLIE JUDSON.
8.0.
"Spring " Gumey
"Should Ho Upbraid ; ". ............... Biskoy
"Love's Philosophy" . ............. Quilter
VINCENT WARD.
"Swing Low, Sweet Chariot"
"Go Down, Moses" "The Sun God"
.Burleigh
The Sun God" .............
LOUE COCKCROFT.
"Caro Mio Ben Giordani My Ships" Barratt

HERBERT BUTTERWORTH.
"Vulcan's Song " (" Plilemon and Baucis") Gounod
Huhn
"Invictus " .............. Brwno Huhn
8.45.

KATE SMITH-OATES
and ALFRED GIEs8ING.
Adagio atid Rondo .... Trickler, 1750-1813 ALFRED GIEBSING.
Andante Lento
Piatti
Scherso KATE SMITH-OATTG Van Goens
Arabesque
ATE SMITH-OATES
Toccata:
ABFRED GIESSING.
Cantilems
Schumaran

Cantilenu
Galtermann
Arlaquin .................. Ejter Jensen
"Filtered Philosophy," by the Alchemist.
Pbilosophy, by the
NURERY RHYMES
(Dr. Arthur Hill.)
Quartet, "Ding Dong Dell."
Quartet, "The Duke of York."
Soprano, "Littlo Miss Muffet."
Soprano and Contralto, "Sing a Song of Sixpence,"
Tenor, "Ride a Cook Horse,"
Quartet, "Queen of Hearts."
Quartet, "Hey, Diddle, Diddle"
Soprano and Tenor, "Mary, Mary Quite Contrary:"
Quartet, "Dickory, Dickory, Dock."
Quartet, " Hmmpty, Dumpty.
Soprano and Contralto, " Little Bio-peep."
Contralto and Baritone, "Old Mother Hubhard:
Baritone and Quartet, "Old King Cole,"
10.0.-WEATHER FORECAST and NEWS. S.B. from London.

The Man, and the Moment:" S.B. from London.
10.30-11.0.- Programme S.B. from London. SATURDAY, June 27th.
2.45-3.45,-The Station Trio.
5.30.-CHILDREN'S CORNER : Visitors' Day.
6.10.-Children's Letters.
6.15.-'Teens' Comer.
6.40-7.40.-Programme S.B. from London.
7.40.- Farmers' Corner : "The Story of the

Horse" (Contd.), by Prof. W, JONES
ANSTEY, F.W.C.E, Lecturer in Farriery,
Leeds University.
8.0-12.0.-Programme S.B. from London.

## (Continued from column 3.)

IDA SARGENT.
Little Brown Owl" .........
Litte Brown Owl ......... Sanderson
Castles in the Air" (Request) ... Sargent
I Guess It's Love" "............ Sargent THE ORCHESTRA.
Suite, "Summer Days" ...... Eric Coates REBY BARLOW and
EDWARD BONFIELD.
A Farce.
"AT THA PLAY"
(Edunard E. Piaggio). THE ORCHESTRA
The Phantom Brigade"
Myddleto
Blue Danube Blues " ............. J. Kem
"June Night" " MA............ A. Bacr

Her Dream " Waller
Juat a Little One ".... Sterndale Bennett
Go to L.O.N.D.O.N." .................. Le 10.0-10.30.-Programme S.B. from London. 10.30. THE ORCHESTRA.

Selection, "No No Nanette"... Xoumans IDA SARGENT.
"A Top Flat
Sargent
"I Knew Something ... Wreford THE ORCHESTRA.
Valse in A Minor, Op. 34, No. 2 ...... Chopin
"Medley of Medleys " ... arr. Debroy Somers 11.0.-Close down.

## SATURDAY, June 27th.

$3.30-4.30$. - The Savanna Band.
5.0.-CHILDREN'S CORNER: Scholars of Mundella School in "The Cockle Boat," by Felix White.
5.50-6.0.-Children's Letters,
6.40-7.40.-Programme S.B. from London. $6.40-7.40$.-Programme
$7.40-7.55$.-Mr. FRANK HEALD ('John o'

Trent "): Outdoor Topies.
8.0-12.0.-Programme S.B. from London.

## Nottingham Programme. 5NG $\quad 326 \mathrm{M}$.

Week Beginning Sunday, June 21st.

## SUNDAY, June 21st,

8.30-5.30. 30. Programmes S.B. from London. MONDAY, June 22nd.
11.30-12.30.-Midday Transmission.
3.30.-The Scala Picture Theatro Orchestra ; Musical Director. Androw James.
4.30-5.0.-WOMEN'S TOPICS.
5.15.-CHILDREN'S CORNER.
5.50.-Children's Letters.
6.0-6.15.- 'Teens' Corner.
6.20-6.30.-Station Topies,
6.40-7.40.-Programme S.B. from London.
$7.40-7.55 .-\mathrm{Mr}$. J. M. DICKSON, B.Sc., A.M.I.Mech.E., "The History of Soma Old Inventions ' (3).
8.0-11.0.-Programme S.B. from London, TUESDAY, June 23 rd.
11.30-12.30.-Gramophone Records.
3.30.- Lyons' Caf́́ Orchestra : Conduetor, Bras. sey Eyton.
4.30-5.0.-WOMEN'S TOPICS.
5.15.-CHILDREN'S CORNER.
$5.50-6.0$. - Children's Letters.
6.20-6.35.-"Teens' Corner.
6.40-7.40.-Programme S.B. from Landon.
7.40-7.55.-Dr. W YCHE : "Caravanning."
8.0-12.0.-Programme S.B. from London. WEDNESDAY, June 24th.
11.30-12.30.-Midday Transmission.
3.15.-Mr. L. Mosley : Astronomical Notes.
3.30.-Lyons' Café Orchestra.
4.30-5.0.-WOMEN'S TOPICS.
5.15.-CHHDREN'S CORNER.
5.50-6.0.-Children's Letters.
6.20-6.35.- 'Teens' Comer.
6.40-11.0.- Programme S.B. from Lonajin.
11.0-11.30.-THE SAVANNA BAND, relayed from the Palais de Danse.

## THURSDAY, June 25th.

11.30.-12.30.- Midday Transmission.
3.25.-Transmission to Schools : Mr. E. H. Birkf, "A Ramble Down the Trent,"
3.45-4.45. The Scala Ficture Theatro Or. chestra.
5.15.-CHILDREN'S CORNER.
5.50-6.0.-Children's Letters.
6.20-6.35.--Teens' Corner.
6.40-11.30.-Programme S.B. from London.

FRIDAY, June 26th.
11.30-12.30. -Gramophone Records.
3.30.-Lyons' Café Orehestra.
$4.30-5.0$. - WOMEN'S TOPICS.
5.15.-CHILDREN'S CORNER,
5.50-6.0.- Children's Letters.
6.20-6.35.- 'Teens' Corner.
6.40-7.40.-Programme S.B. from London,
$7.40-7.55,-\mathrm{Mr}$. E. L. GUILFORD, M.A. "Famous Men of Nottinghamshire-(7) Thoroton and the Thoroton Society."

## A Midsummer Concert.

IDA SARGENT (Songs at the Piano). RUBY BARLOW ......) Comedy EDWARD BONFIEICD Sketches THE MKADO ORCHESTRA : Musical Director,
8.0. FREDERICK BOTTOMLEY.

March " THE OFOHESTRA.
Valse Song "i Gromes Br... R. Chapi
$\qquad$
Fox-trot, "Will You Remember Mo?" Davis, Santley and Eichman IDA SARGENT.
"Sometime, Never" ............... Gallaily
"Ma Lil Banjo" ................... Diclumond
"The side Car"
....Fizher
"The Boy Next Door" $\}$.........
THE ORCHESTRA.
Overture, "Mirella ${ }^{\text {" }}$
. Gounod

RUBY BARLOW and
EDWARD BONFIELD A Comedy Farce :
THE PERFECT PAIR (Vera Beringer).
THE ORCHESTRA
Selection, "Lilao Time" Schubert-Olutsom (Continued at foot of previous colamn.)

## 



THE NEW E.B. SET.-R/185.
This Edison Bell receiver comprises a Double Purpose Unit and a condenser-tuned Crystal set. As such, it uses two tuned circuits giving considerable selectivity. When long distance and high selectivity are not required, the crystal can be cut out, and the Double Purpose Unit used as a valve detector. It is an extremely efficient receiver and has been designed for the use of the radio enthusiast who wishes to explore the ether with the minimum amount of valves. This Edison Bell model is fitted with a high frequency transformer suitable for the broadcast band between 300 to 500 metres wave length ; other transformers suitable for 500 to 900,900 to 1600 (Chelmsford) and 1600 to 2800 metres can be supplied at a slight extra cost.

The range of the Edison Bell model illustrated under normal conditions (interference permitting) exceeds the following :

Manipulation o! the set is simplicity itself.
Cat. No. R/185 ... ... Retail Price \&9. 17.6. Marconi licence 12/6 extra.
This price does not include valve or batteries.

## The

## Music - Perfect

is the very thing you have been desiring -so distinct and different from everything else. Compact, neat, light and strong, the Edison Bell Speaker gives you just what is broadcast-no more, not less. It provides you with the very voices (human and instrumental) and other sounds transmitted from the broadeasting stations and this without any of the distortion which so frequently mars reproduction by other speakers.
The ever-growing popularity of the Edison Bell Speaker has compelled us to greatly extend our factory facilities and manufacturing on the lines of mass-production we can now offer the Edison Bell Speaker at the

## Reduced Price . . . £2 2s.

No Metal Horn. No Metal Diaphragm. No Metallic Noises. ORDER FROM YOUR DEALER.


Wholesale and Export Only.

## There is over 30 Years' Reputation behind the Name Edison Bell

## Liverpool Programme. <br> \section*{$6 \mathrm{LV} \quad 315 \mathrm{M}$}

Week Beginning Sunday, June 21st. SUNDAY, June 21st.
3.30-5.30.-Prognamme S.B. from London. 8.30-9.0.-Religious Service from Studio. Addreas by the Rev. FLEMING SHEAREB. 9.0-10.30.-Programme S.B. from London. MONDAY, June 22nd.
11.0-12.0.-Midday Concert,
$3.30-4.30$. - Orchestra, relayed from the Troca dero Cinema.
5.45.-Children's Letters.
5.55, CHIIDREN'S GORNER.
6.25-6.40.- 'Teens' Corner.
6.40-7.40.-Programme S.B. fram London. 7.40-7.65.-Mr. G. H. BOWKER on "Choosing ${ }^{\text {a D Dog. }}$
8.0-11.0.-Prognamme S.B. from London. TUESDAY, June 23rd.
3.30--WOMEN'S HALF-HOUR. 4.0-5.0.-Guillard and his Orchestra, relayed from the Scala Super Cinema. 5.45.-Children's Letters. 5.55.-CHILDREN'S CORNER.
6.25.-Teens' Corner.
6.40-12.v.-Programme S.B. from London. WEDNESDAY, June 24 th.
11.0-12.0. Midday Concert.
$3.30-4.30$. - The Stetion Pianoforte Quartet and Augusta Paddon (Contralto).
5.45.-Children's Lotters.
5.55.-CHILDREN'S CORNER.
6.25.--Boys' Brigade Talk.
$6.40-7.40$.- Programme S.B. from London.
6.40-7.40.-Programme S.B. fram L.
$7.40-7.55 .-$ Station Director's Talk.
8.0-11.0.-Programme S.B. from London. THURSDAY, June 25 th.
3.30-WOMEN'S HALF-HOUR.
4.0-5.0.-Oreheatra, relayed from the Futurist Cinema.
5.45. - Children's Letters.
5.55.-CHILDREN'S CORNER.
6.25. TTeens' Corner.
6.40-11.30.-Programme S.B. from London.

FRIDAY, June 26th.
3.15-3.45.-Transmisgion to Schools: Nutural History Talk, No. 3, by Mre Geoffrey Paget.
4.0-5.0.-The Station String Quartet and Dorothy Lewis (Soprano).
5.45.-Children's Letters.
5.55.-CHILDREN'S CORNER.
6.25. - Teens' Corner.
6.40-7.40.-Programmie S.B. from London.
7.40-7.55.-Locel Talk.

## Request Programme.

8.0. The various items in this programme will be selected from requests forwarded by our Eisteners.
10.0.-WEATHER FORECAST and NEWS. S.B. from Liondon.

The Man and the Moment." S.B. fram London.

## Local News.

10.30.- Request Programme (Continued). 11.0.- Close down.

SATURDAY, June 27th.
3.0-4.0.-Mr. Ellingford's Organ Recital, re. layed from St. George's Hall.
5.45. -Children's Letters.
5.55.-CHHLDREN'S CORNER.
6.25, -'Teens' Corrier.
6.40-12.0.- Prognamme S.B. from London.

## "RADIO TIMES" READING CASE.

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


No one has ever heard a bird sing a false note. Birds take their music from no tuningfork, for theirs is natural music. They do not reason-they merely render. But they render in all truth and sincerity.
IT is in this way that Cosmos Radio Valves make possible the hearing of true music.

D. E. 11 (Dud Emituer Tree)

## 12/6

This combines remarkably efficient rectification with good high and low frequency amplification and works successtully off a single 2 volt accumulator or dry batteries.

A. 45 (Bright Emitrer Type) $7 / 6$
This type is an excellent "General Purpose" valve which gives brilliant results. It combines the advantages of other highand low frequency valves in the one valve.

Type S.P.18. A real two volt power valve. Price I2/6

## cosmos RADIO VALVES

METRO-VICK SUPPLIES, LTD.,
4, CENIRAL BUILDINGS, WESTMINSTER, LONDON, S.W.I Pripuiters: Metropolitan-VIoker: Electrical Compary Lid.

## "What Pelmanism Has Done For Me"

## PUBLICATION WHICH ESTABLISHES ONCE AND FOR ALL THE ENORMOUS VALUE OF SCIENTIFIC MIND-TRAINING TO MEN \& WOMEN OF EVERY PROFESSION, TRADE \& OCCUPATION

THERE has been issued a 16 -page publication which establishes once and for all the enormous value of scientific mind-training to men and women of every Profession, Trade and Occupation.
It is entitled "What Pelmanism Has Done For Me," and is composed entirely of letters received by the Pelman Institute from men and women who have trained their minds by means of the famous Pelman System.

These letters describe some of the benefits gained as a result of following a course of Pelmanism, and the varied nature of these benefits is as remarkable as the varied nature of the occupations represented by the writers of these reports.
Here are a few summarised extracts from this publication, which will be sent free of cost to every reader who applies for it to day :-
An Insurance Secrefary writes that ho has secured a higher position, which he attributes very largely to the " interest and stimulus derived from his study of Pelmanism
A Clerk reports that since taking Pelmanism he has been transferred to a more responsible position.
A Lady Student states that she has passed an examimation with great success and " attributes this honour to the study of the Pelman Course
An Artist writes: "The results are wonderful What I have gained up to the present could never be called costly even had I paid $\& 50$.
A Chiof Draughtsman states that Pelmanism has improved his ability to negotiate- and discuss policy with his superiors in businets and has cured him of the "somewhat indefinable reserve "which was holding him back.
A Student writes that Pelmanism has given him " an astounding facility in memorising' whieh has greatly helped him to pass examinations.
A Salesman reports that since starting Pelman training he has bettered his position and brought in a great deal of new business.
A Sub-Postmaster writes: Pelmani-1m is the finest thing on earth. It has done me a world of good already.
A Clerk writes: "There is no quackery about Pelmanism, and although everything seems so simple, yet there is something about its kimplicity that should appeal to the most shy and mixdirected young man."
An Engineer writes: "1 have benefited considerably by the Course, having obtained a better pestion thin the onc I previously held."
A Farmer reports that Pelmanism has improved his powers of quick Perception and his Memory and has given him more Self-Confidence and a greater interest in life.
A Clerk reports that he has "received a sub. stantial rise" and has been "ear-marked for a good position.
A Shop Assistant states that he has been able to secure a new position with twice his previous salary.
An Airman writes that since starting Pelmanism he has had two promotions with about so per cent increase in pay.
An Insurance Clerk writes: " Financially. I am over 30 per cent. better off than before mentally and plysically, I am some hundreds per cent, better ofi.
An Assistant Manager reports that he is indebted to Pelmanism for his present position. The Course has given him Courage, Hope and Energy
Aa Advertising Introdueer writes that Pelmanism has played a big part in his progress. "The 'Litile Grey Booky are the greatest treasure in my bookcase.
A Lady Student writes that she has passed an examination at Girtom." "This, 1 am sure, is owing to your Course."


A Dressmaker records amongat the results obtained: "Greater powers of Observation, Greater Confidence. A Brighter Outlook on life. In Business ideas come much more quichly. Ability to get through much more work. A 25 per cent, rise in salary,
A Musle Teacher reports the following benefits All-round improvement of mind and memory. increased self-respect and self-confidence. Enharged mental capacity. General bracing up of the nervous system. A broader outlook
A Coal Merchant's Manager writes that he has developed confidence in himself and has gained the confidence of his employer.
A Librarian reporis that amongst the benefits he has received are : Increased self-confidence ; a better memory: more use of the imagination; wiser use of will-power; a better method of reading so as to retain essentials.
A Shop Assistant reports a 25 per cent, increase in salary as a result of more methodical and systematic ways of doing business
A Master Mariner states that Pelmanism has lifted him out of the rut and given him an aim and purpose in life.
A Civil Servant writes: "Since taking the Pelman Course I have been put in charge of a small Government branch, solely, as my official chief said, on account of my remarkable memory for detail.
An Engraver and Dle-SInker writes that Pelmanism has helped to increase his business,
A Shop Assistant reports that he has been appointed temporary branch manager with a view to permanency when a yacancy occurs,
A Male Nurse writes that Pelmanism has strengthened his Will Power and his powers of Concentration.
A Clerk writes that he has nearly trebled his salary.
A Salesman states that he has increased his salary to per cent. "The Course has certainly made a new mas of me.
A Book-keeper writes that he has improved in Self-Confidence, Memory and Concentration. " I have learnt how to deal with difficulties instead of succumbing to them."
A Manageress reports an increase in salary of 100 per certit. Pelmanism "is just what I needed.
A Major writes: "Auto-Suggestion has been of the greatest service to me. It has already on many oceatsions restored peace of mind when before worry would have won the day."
An Inspeetor of Factories writes: "I have found the Course very interesting and helpful. It has helped ruy reasoning powers and given me more confidence in my own judgment, and consequently leasened my fear of responsibility.

A Telegraphist writes that he has improved his observation and has thus been able to suggest certain improvements in apparatus, for two of which ho has received a cash award from the Department.
A Clerk states that he has improved his Memory by about 100 per cent.
A Shop Manager reports that he has improved his powers of Concentration.
A Civil Engineer writes: "I find my diftidence in front of other people is disappearing.
A Cotton Salesman reports a rise in salary of 25 per cent.
A Clerk reports that as a result of Pelmanism he has developed Self-Confidence and secured an increased salary.
A Studeat of Music reports that he has gained immensely in Self-Confidence, Efficiency and Quickness of Understanding
A Secretary and Cashfer reports an increase of 880 in salary.
A Clerk reports two inereases of salary in twelve months
A Doctor states that as a result of Felmanism lis memory is more accurate; his powers of Concentration are much better: and his will Power and his Self-Confidence have much increased.
Pelmanism is quite simple and easy to follow. It takes up very little time. You can study it for an hour one evening a week, or you can practise it for two or threcevenings a week. And as the famous "Little Grey Books" are printed in a handy "pocket-size" you can slip one of them in your pocket and refer to it in odd moments during the day or when going to and fro in the tram or train.

> If you mould like fo sall at the Relman Instifute one day and see the Chief Conswliant please do so. He will be pleased to advise you on any point abowt which you way have some doubs and will charge no fee for the constultation.

If you would like to know more about the subject you should post the following coupon to the Pelman Institute, 95 , Pelman House, Bloomsbury Street, London, W.C.r. By return you will receive not only "What Pelmanism Has Done For Me," but a copy also of a most interesting book entitled " The Efficient Mind," which contains a full description of the Pelman System and shows you how you can enrol for a course of Pelmanism on the most convenient terms. Call or write to-day

## POST THIS EREE COUPON TO-DAY

## To THE PELMAN INSTITUTE,

## 95, Pelman House, Bloomsbary Street,

Londow, W.C. 1.
Sir,-Please send me, gratis and post free, a copy of "What Pelmanikm Has Done For Me, "together with the book, "The Efficient Mind," and full particulars showing how I can enrol for a course of Pelmanism on the most convenient terms.

## Name

$\qquad$

All correspondence is emfidential.

## Plymouth Programme.

## 5 PY 338 M. <br> Week Beginning, Sunday, June 21st.

SUNDAY, June 21st.
$3.30-5.30$.
$8.30-10.30 . J$ Programmes S.B. from Londort.
MONDAY, June 22nd.
11.30-12.30.-Gramophone Records.
3.30-4.30. -Ernest Manning and his Orehestra, relayed from the New Palladium Cinema. 5.0.-WOMEN'S TOPICS.
5.30. - Children's Letters.
5.35-6.29.-CHILLDREN's CORNER.
6.40-11.0.-Programme S.B. from London. TUESDAY, June 23rd.
$3.30-4.30$.-Ermest Manning and his Orchestia. 5.0,-WOMENS TOPICS.
5.30.- Children's Lettere.
5.35-6.30.- CHILDREN'S CORNER.
6.30.- Boy Scouts' Bulletin.
6.40-7.40.-Programme S.B. from Lovdon.
7.40.-Dr, A, T, NANKIVELL: "Milk-Hcw to Kcep it Clean."
8.0-12.0.-Programme S.B. from London. WEDNESDAY, June 24th.
11.30-12.30.-Gramophone Recordis.
3.0.-Plymouth Hospitals Exhibition: OFening Speeches by th:o Rt. Hon. Lord St. Lovan, and others. Followed by Massed Military Bands.
5.0.-WOMEN'S TOPICS.
5.30-Childiren's Letters.
5.35-6.30. CHILDREN'S CORNER.
6.40-11.0.-Programme S.B. from Londar. THURSDAY, June 25th.
4.0.-AIbert Fullibrook and his Trio, relayed from the Royal Hotel.
5.0.-WOMEN'S TOPICS.
5.30.-Children's Letters.
$5.35-6.30$ - - CHILDREN'S CORNER.
6.40-11.30.-Programme S.E. from Londor. FRIDAY, June 26th.
3.30.-Talks to Eehools: Col, W. P. Drary, "The French Maid and the English Archers,", Musical Interlude. Mr. Walter P. Weeks, "Musio Approciation shape.:
4.0.- Albert Fullbrook and his Trio.
5.0.-WOMEN'S TOPICS.
5.30.-Children's Letters
5.35-6.30.-CHIDDREN'S CORNER.
6.40-7.40.-Programmie S.B. Jrom London.
7.40-7.55. Mirs LESLIE KEENE: "My Herbaceous Border.
GERTRUDE MeMAHON (Solo Violin). ALAN MANSEIELD (Tenor). FRED CAVENDISH (Entertainer)
ST, GABRIEL MALE VOICE QUARTET. THE BAND OF THE $18 T$ BATT.
THE SOMERSET LIGHT INEANTRY,
(By permiasion of Let.-Col. J. S. N. Harrison,
D.S.O., and Officers.)

## OId Favourites.

8.0. THE BAND.

Overture, "The Bohemian Girl ". . Balfe
Valse, "The Ouaker Girl"
8.15. THE QUARTET.
"Piocaninny Lallaby"
Massa's in De Cold Gronnd
...Macy
arr. Tom Sutton
"The Long Day Closes " ..........Staltivan 8.30. GERTRUDE MAMAHON.
"Londonderty Air" .... O'Corióor Morris "Home, Sweet Home ". ...arr. McMahon
8.45. THE BAND.

Selection, "The Merry Widow " ....Lehar Interlude: Speech by "CASsiUS." Individuality.
9.0. Bandsman F. EAMONT.

Cornet Solo, "The Clildren's Home"
ALAN MANSFIELD.
"1'II Sing Thee Sougs of Araby ". . . . Clay
"Mary, My Love".......... Loughborough "Eily Mavourneen" (" The Lily of Killarney ") ...............................
9.15. GERTRUDE MEMAHON.
"Hungarian Air" . ................. Emst
"Hejri Kati" . ....................... Huday
(Continued in column 1, pega 613.)


W
HEN you want Power Valves for highly efficient power amplification, it will pay you to emphasize

## MULLARD D.F.A. MASTER VALVES

These Valves have been specially designed for maximum power work with a low temperature, long-life filament for minimum current consumption.
THEY'RE MULLARD, SO THEY'RE GOOD.

## Note the Distinctive Types for Special Operation.

For large loud speakers giving increased volume and clarity:-

$$
\text { D.F.A. } 0 \text { ( } 35 \mathrm{amp} \text {.) (for } 4 \text {-volt accumulators) each } 22 / 6
$$

D.F.A. I ( 2 amp .) (for 6 -volt accumulators) each 22/6
D.F.A. 3 ( 06 amp .) (for dry cells or accu-
mulators, 6 volts)
each $24 / 6$
For Resistance Capacity Amplifiers:-
D.F.A. 4 ( 2 amp .) (for 6 -volt accumulators) each 22/6

Leaflet V.R. 25 gives full lechnical information.

## WHEN YOU BUY, EMPHASIZE-



Addt.-THE MULL.ARD RADIO VALVE CO., LTD., (R.T.), NIGHTINGALE WORKE,
BALHAM, S.W.I2.


## Sheffield Programme. 6FL $\quad 301 \mathrm{M}$.

Week Beginning Sumday, June 21st.
SUNDAY, June 21st.
$3.30-5.30$.
$8.30-10.30$. Proprammea S.B. from Londow MONDAY, June 22nd.
11.30-12.30.-Cramophone Records
4.0.-Orcliestra relayed from the Cinaed Hotel 4.0-5.20. WOMEN's CORNER. 5.30.-CHILDREAS CORNER.
6.15-8.30,-Clutition's Letters.
6.40-7.40.- Frignamme S.E. from Eoirdan. 7.40.-Station Director'a Talk. 8.0-11.0.- Programme S.B. frome Loidor.

## WEDNESDAY, June 24th.

11.30-12.30.-Gramophone Recorde.
3.30-4.30. -Gramsphone Lecture by Mnses Barit\%
5.0-5.20.-WOMEN'S CORNER
5.30. - CHILDREN'S CORNER.
4.15-6.30.-Children's Letters.
16.40-7.35.- Programme S.B. Froms Lovdon.
7.35.-Hortíeulteral Tall.
7.40.- "Life Amongge the Samoyedes " (Part 1.), by Mr. J. A BAIN.
8.0-11.0.- Programme S.B. Jram Laidon.

TUES., June 23rd, THURS., June 25 th. 11.30-12.30,-Gramophone Recorde. $3.30-4.30$.- Orchestra relayed from the Albert Hatl.
5.0-5.20.-WOMEN'S CORNER.
5.30.-CHILDRENS CORNER.
15.15-6.30.-LChildren's Letters.

1. 40 onwards.- Programme S.B. from London. 7.40.-Mr. ROGER DATALEER: "The Miner -(2) Mornings at Four." (Tues.)

## FRIDAY, Jane 26th.

11.30-12.30.-Gramophone Records. 4.0.-Orehestra relayed from the Grand Hotel. 5.0-5.20.-WOBEN S CORNER 5.30.-CHILDREN'S CORNER.
6.15-6.30.-Children's Letters.
6.40-7.40- Pragranme S.B. from Lawdon:
7.40.-Mr. CLIEFORD K. WRIGHT, B.A., "Popular Pyschology-(6) Tho Gentle Art of Sugreation.

THE LINCOLN CLOISTER QUARTET.
PEGCY GAMBLE (Soprano).
ALAN SMITH (Violin).
HARRY ANSON BRIGGS (Recitals).
8.0.

Come, Let Us Join "............. Beale
The Wanderer's Sung ".............. Ab Ab
Love and Courage " ................ . . Spahy PEGGY GAMBLE.
" Snowflakes" $\qquad$
Night

## ALAN SMITH

" Intrada" .................
Melody, "Green Buahes in . . arr. Moffal
Dance, "Red Petticoat " THE QUARTET.
"Song of the Volga Boatmen"
Traditional Russian Foll Sang
"I Love My Jean "...)
The Tryating Tree "ो,... G.J. Bewncas
VICTOR MARSTERS.

- The Sandman " . . . . . . . . . . . . . . . Brañme Myra" . . . . . . ............ Clubvam ALAN SMITH
Melody, Op. 42................ Tchaikorsky
"Le Jardin Hollandals "......... Moffat Allegretto . . .......... Bocherini-Kreisler THE QUARTET.
" The Young Musicians " . . . . . . . . Kweker "Jalin Peel"............. arr. A. B. Plant

> dan feel L. ENDERSBY.
"The Windmilt ".... . .............. . Netson
"Twankydillo" ..... . ETroadieoded NFaillavid
"Tixumerei " LLAN SMITH.
"Tisumerei " ..................... Wuerss
"Tambourin " PECGY GAMME. ....
"A Brown Bird Singing ". . Haydn-Wan " Spriag's Swathming " ......... Said dertona (Continued on page 6I3.)


# The easiest way of finding and locating distant stations 

-by means of the Burndept Ethophone Wavemeter

WITH the Ethophone Wavemeter, you can easily tune your set to a distant station, without causing "interference" by oscillating; and you can also locate stations by measuring their wave-lengths with the Wavemeter and then consulting the tables published in the technical press.
When you have such an accessory as the Ethophone Wavemeter. the operation of your set is simplified and you can get more enjoyment with less trouble.
This new Wavemeter is complete in itself and can be read at a glance. It has two ranges, covering British and European broadcast stations $-200-500$ and $800-2000$ metres either range being selected by means of a switch. The accuracy of the calibration is well in excess of the requirements of owners of broadcast sets. The Wavemeter is very "sharp." Further particulars of this useful Burndept instrument will be sent on request.

## BURNDEPT

WIRELESS UMITED
Makers of the World's Best Wireless Apparatus


No. 1541.
Ethophone Wavemeter, in polished mahogany cabinet - $26 \mathbf{6 s}$.
HEAD OFFICE: Aldine House, Bedford Street, Strand, London, W.C. 2.

$$
\text { Telephone: Gerrard } 9072 .
$$

Telegrams : Burndept, Westrand, Londona BRANCHES at Mancheter. Birminghum. Bristal. Leeds. Northnmpton Cardiff. Nevccastlo and Nottinghum.


CENERAL PURPOSE VALVES Type K , 8- each | mlament valtage .... 4 solua |
| :--- |
| Elannent.curaht.... | Max. plate voltage., 100 volts Typo B $3 . .14 /-$ each Filanent yoltage.... $1.1 /$ volty Mament ecrreit. . 0 Sa atup MaX. phato voltage. 100 yol

${ }^{\text {Type }}$ B $5 \quad 16: 8$ each Fifununt voltage..2.8.3 volts Flamint currati 0.0 F amp. 3lax plote voltuge. 80 yolts POWER AMPLIFYINC VALYES Type B4... :2/6 eath Ylament tollage. . 5.6 rolts
 Max. plate voltage ; 2 zu voh Flarment voltage... 3 a rotes Filament curnent. . 0.12 amp Max. plate rottage. 192 soth Type B7, $24 / 6$ each
Elament voltape
i volta Filament voltagat.. 0.06 volte Max plateveltage also wolla - Tor use with Dey Cells.

## Where Expert $\mathcal{E}$-Amateur agree

The test reports of experts in the technical journals, and the verbal and epistolary comments of amateurs all over the country, alike testify to the marked superiority of B.T.H.Valves. The three B.T.H. "general purpose" valves give better results in any position in the circuit than many valves designed and recommended for a single function only; while the three "power" valves are unequalled for L.F. amplification.

$$
\begin{aligned}
& \text { USE B.T.H. VALVES AND } \\
& \text { GET "EXPERT" RESULTS } \\
& \text { Erom all Electriclans and Radio Dealers }
\end{aligned}
$$

Made in Rugby, Englund.

## Sheffield Programme.

(Continued from page 611.)
L. ENDERSBY.

Old Father Thames " . . . Enerson James Still Is the Night ". ................... Abt THE QUARTET.
Lend an Ear ${ }^{"}$.......

10.10.30.-Peogramme S.B. from London.
10.30 .

THE QUINTET HARRY ANSON BRIGGS
Old Man and Jim ".... Whitcombe Ritey Dan'I Peggotty ". ................ Dickens The Viltage Reunion ${ }^{\text {in }}$. .............. . French The Vithage Reunion " $\because$........ French
PEGGY GAMBLE and L. ENDRRSBY.
"In Springtime" ........................etern "Still as the Night " . . . . . . . . . . . . . Bohm 11.0.-Close down.

SATURDAY, June 27th.
4.0.-Orchestra relayed from the Grand Hotel. 5.0-5.20.-WOMEN'S CORNER.
5.30.- CHILDREN'S CORNER.

6,15-6.30.-Children's Letters.
6.40-7.40.- Programme 8.B. from London.
7.40.-" History of Coal Mining," Dateller.
8.0-8.30. Transmission from a Coal Mine. S.B. to all Stations except Nercastle.

The reception of programmos broadcast from the surface of the earth is to-day a commonplace; to pick up signals from acroplaves is equally simple; the hydrophone his enabled us to transmit submarine noiser: it remains, then, to broadcast from under the earth's surface, and this we propose to do to-night.
From 8.0 to 8.30 listeners will hear many of the noises inseparable from the working of a great coal mine. The mine in question is the Nunnery Colliery, near Sheffield, and the microphone will be placed in the Park Gate Seam, at a deptb of 750 feet helow ground level. The distance from the pit-shaff to the face of the seam is one mile.
The various noises to be heurd will be exptiniint by thio Menager of the mine, and will melude
COAL CUTTER
cyea por
SHOT BORER.
EXPLOSION OF SHOT
FAIL OF COAL.
EILLING OF TUBS.
6. NOISE OF TRALNS.
7. SIGNALLING APPARATUS OF THE CAGES.
8.30-12.0.-Programme S.B. from London.

## Plymouth Programme.

(Continued from page 609.)
9.30. FRED CAVENDISH.

I Don't Want to Get Married"
BeNand, Brennan, aid Jerome
The Photo of the Girl I Left Behind Me ${ }^{-1}$
Merson
4.49

Melodious Memories "Finck Pot-pourri, "Melodious Memories
10.30,-Programme S.B. from London,
10.30. $\quad$ Popular Pieces.

GERTRUDE MeMAHON.
Homance
Scotah Aire "
THE QUARTET.
"Drink To Mo Only With Thine Eyes" arr. Eltiot Button
Robin Adair" ..............arr. Cantor - Allan Water "I . . . . . .arr. Elliot Button Amie Laur BAND
Selection, "No No Nanette" . . . . Yokmans 11:0.-Close down.

SATURDAY, June 27th.
3.0.-Military Bands at Fair and Exhibition for Plymouth Hespifale.
6.0.-WOMEN'S TOPIOS.
5.30.-Children's Letters.
5.35-6.30.-OHILDREN'S CORNER.
6.40-12.0.-Progranne S.B. from London.

# Get the best out 

## and solve your accumulator charging difficulties

The trouble and expense of continual accumulator recharging are the chief sources of annoyance to the valve user. You can change all this.

## TO ENSURE EFFICIENCY WITH ECONOMY FIT

## TYPE D.E. 3 REDUCED PRICE 16/6

If you have a multi-valve set-Bright emitter valves mean heavy bulky accumulators and constant recharging. Even dull emitters of the 3 amp . class may constitute Even dull emitters of the 3 amp . class may constitute make your accumulator last from five to ten times as

If you have a single or two-valve set-With the D.E. 3 you can use a 4 -volt accumulator of half the usual size; or it may be dispensed with altogether, and

If you have a crystal set-By adding a D.E 3 valve as amplifier you may enjoy all tho advantages of pure loudspeaker reproduction without the trouble and worry
long on one charge. dry cells substituted. of accumulator charging.
HEAVY AND ACCUMULATOR


FIGURES SPEAK FOR THEMSELVES

| CAPACITY OF ACCUMULATOR | ORDINARY DUL EMITTER 0.3 AMPS |  |  |  | D.E. 3 HOURS EMITTER |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1 | $\begin{aligned} & \text { Number } \\ & 2 \end{aligned}$ | $\frac{o f}{3}$ Valven | 5 | 1 | ${ }_{\text {Nimb }}^{2}$ | of | foes. | 5 |
| 20 ampere hours | 66 | 33 | $22 \quad 16$ | 13 | 330 | 166 | 110 | 2 | 66 |
| 40 ampere hours | 132 | 66 | $44 \quad 32$ | 26 | - | 332 | 220 | 164 |  |
| 60 ampere hours | 198 |  |  |  |  |  |  |  |  |

BUY THE VALVES BACKED BY THE NAMES


## The First Patent Holder was Gibbs



## British and Still the Best

The Thumb-push elevator in the base which makes Gibbs the perfect Holder, cannot be copied. It lets you push up the soap and use every bit. A Gibbs refill can then be inserted in a "jiffy." No irksome or difficult unscrewing, ete.
No other Holder can be as simple, as efficient, as convenient.


Shaving Stick in Nickel Holder Case - . $1 / 3$ In Enamelled Cases : Also in Bowls and Tins

The generous quantity of Cold Cream blended into Gibbs Shaving Soap, yields an umusually soft, creamy lather, which immediately softens the beard and leaves the skin as smooth and comforted as if newly massaged with cold cream.

One of the many nassons for buying Libbus?


Here's a delicious change that you will appreciate-dunty sandwiches of Libby's Cooked Corned Beef. Just try them - you'll like them immensely.
Libby's Corned Beef is prepared in kituchens of spodess deantiness and comes to your with the excess fin, bone andgriste temoved, in air-tighteonniner, which keeps it absolutely frech.
A tin of Libby's Corned Beef is full of nueriment to the lost crumb, and as thete is no waste it is very teonomical, too.
Order a tin from yout Grocer toddy.

Tomato Stuffed with Corned Beef






Order a fin from your Girocer to day!

Come to NORBRECK HYDRO
The self-contained Holiday Resort

## 2/3 a Jar

AT ALL CHEMISTS AND STORES
FREE-Taw am bave Somple fars of Pomeroy Skin Food and Pamenoy Day Creant (vanishing) if you send your name and address and 3d. to cover postage and parching to

Mrs. POMEROY, Ltd. (Dept. 6).
29 Old Bond Street London, W.I

Puresea breezes,
 mands imeluting ownusement in cinema, 350 bedrooms Dinint $\mathbf{P}$ ooil for 650 at separate tables
FREE Tariff and Journal
V. J. Shorrocks, Norbreck Hydro,

Nir. Blackpool. Tal. 1272 Blackpool.

## Stoke-on-Trent Programme. 6ST 306 M.

Week Beginning Sunday, June 21st.
SUNDAX, June 21st.
3.30-5.30.-Programine S.B. from London, 8.30.-Religious Service from the Studio: The

Rev, J, sadler reece, Superin-
tendent Minister, Stoke Wesleyan Circuit 9.0-10.30.-Pregramme S.B. from London MONDAY, June 22nd.
3.30-1.30. The Majestic Cinemat Orcheatra. Musicel Director, Thomas Beckett. 5. . - Children's Letters.
5.5 6.0. CHILDRENS CORNER.
6.40-11.0.- Programine S.B. Jrom Londou.

TUESDAY, June 23rd, THURSDAY,
June 25 tb , and SATURDAY, June 27th. 12.30-1.30. Midday Concert (Tuesday). 3.0-3.30.-WOMENS CORNER.
3.30-4.30. The Majestio Cinema Orchestra.反.0.-Chitdren's Letters.
$5.5-6.0$ - CHILDRENS CORNER
B. 40 onwards.-Programine S.B. Jrom L.bidon,

WEDNESDAY, June 24 th.
3.30-4.30.-Gramophone Records of the Week 5.0.-Children's Letters.
5.5-6.0,-CHILDREN'S CORNER.
B. 40-11.0.- Pmpromme S.B. jrom Londor. FRIDAY, June 26th.
12.30-1.30. Midday Coneert.
3.0.-Tran=mission to Schools: Mr. T. Lowe Geography.
$8,30-4,30$.- The Yajestio Cimems Oreliestral 5.0 --Children's Letters.
5.5-6.0.- CHILDNEN'S CORNER
$5.5-6.0$. CHILDREN S COFNER,
$6.40-7.40$. - Programme S.B. from Lomdon
7.40.- Station Topies.

WINIEKED BRADY (Soprano).
ETHEL EREEGARDE (Contralto). JACK WRIGHT (Tenor). BERNAFD KOSS (Baritone).
MARGAFET WITTON (Solo Violin)
W. T. BONNER (Accormpanist).

GEORGE BASKEYFIELD (Orgunist) CHAMBER ORCHESTRA.
8.0. QUAPTET.

Act I., Beene -9, ${ }^{\text {I }}$ II Trovatore ${ }^{\text {bi ... Verdi }}$ TRIO.
Act II, Soens 1, "Maritana" . Wallace THE ORCHESTRA.
Overture, " Crown Diamonds ${ }^{*}$. . . . Auber Arias from "Fanist" (Goumcel). BIRRNARD FOSS.
" Even Bruvest Heart." ETHEL, FREEGARDE. Flower Soug.

JACK WRIGHT.
All Hail. Thou Dwelling
WINTFRED BRADY
"King of Thule.
"Jewel Song." ETHEL FREEGARDE.
Ramanee.
QUARTET.
Act IV., "II Trovatore" .......... Fendi THE ORCHESTRA.
"Pavane"
Pavane " . ................... Lotis Ganke Fomance Sans Paroles it ... Merdelesolnt

| BERNAARD ROS8. |
| :--- |
| Paglineci |
|  |

Prologue, "Paglined ${ }^{\text {JHRK }}$...... Leoncacallo JACK WRIGHT.
"On With the Motley ${ }^{4}$..... Le Lemacavallo ENHEL FREEGARDE.
Romance ( ${ }^{*}$ Mignon " $)$......... Thomes BERNARD ROSS.
Toreador Song ("Carmen") , ...... Biset WINIERED BRADY.
"One Fine Day" "............ Ptrocim JACK WRIGHT.
"Plume in the Summor Wind ". . . Vendi QUARTET.
"Rigroletto" . . ..................... Verd 10.0-10.30,-Progranme S.B. from London. 10.30. THE ORCHESTRA.
"Andalurian Serenade": ..... Evtenberg Monuet du Printemps Beethoven, arr. F. Salabert
Gverture, "La Sirene" ........... Auber Czaudnas....... 11.0.-Cloge dowa.

## లోe"DRAGON"SHAPE An Explanation of interest



IN Loud Speaker design it is important to secure the utmost efficiency in every essential detail, but at the same time the desirability of an attractive ensemble must not be lost sight of.
Without sacrificing one iota in the way of appearance, the AMPLION has the technical advantage of an extended and correctly developing sound conduit terminating in a radiating or amplifying trumpet occupying, together, a comparatively restricted space owing to the origination of the unique and now well-known "Dragon" shape.
Let the electro-magnetic element be of the most effective type, as that of the AMPLION certainly is, it is
necessary to employ a lengthy acoustic duct of appropriate contour to enable the Loud Speaker to reproduce in full volume and tone.
To illustrate the outstanding feature of AMPLION "Dragon" design the "New" Junior-de-Luxe, Model AR 114, is shown as an example. With a back-to-front measurement of 111 inches only, there is afforded the equivalent of a "straight horn" Loud Speaker, having an overall length of 213 inches.
No other style of Loud Speaker possesses or even approaches the AMPLION in the qualities which, in association with a suitable Wireless Receiving Set, ensure "Better Radio Reproduction."

Obtainable from AMPLION STOCKISTS and Wireless Dealers everywhere.


## Amazing Offer of the Famous Berkeley Easy Chairs

 WITHIN the next few months the Berkeley Factories will have a great extension. Building operations have already commenced which will add three floors to the Warehouses where the Tapestries, Cretonnes and Covering Materials are stored. The present large stock will ultimately be enormously increased, but during rebuilding it must be diminished in volume to go into ONE QUARTER of the present space.To enable this stock to be reduced immediately, we are making the following SPECIAL OFFER The prolt on a single Berkeley Easy Chair is so suall, heing based on an eutput of hundreds per week, that no concersion in price can be made on an orlee for a single chair, but we find that customers for one piece nearly AT ONCE we are making a special

## REDUCTION of 5/- PER CHAIR for orders of TWO AT A TIME

Tuke advuntage of this opportunill y and install the famons Berkeloy. phobstery is your home at the lens pawsible expousf. Thia offer nant be withdrawa ay toon ms the Hise required
DO NOT DELAY. Orders will be executed strictly in rotation.

The regular price of the Berkeley Easy Chair is


Showrooms: 133, Victoria Street, Westminster, S.W.1, and The Arcade, High Street, Croydon.


The Best 'Popular Price' Cigarette.
SUNRIPE

The EXTRA Size CIGARETTES
For Size and Tone, They Stand Alone.
10 for $6^{\text {d. }}$
20 for $1 /$ Also 50's
The Spinet House,
Estd. 1775.
LONDON.

## "Kap fition cococe ROURNVILLE <br> Write <br> "CADBURY, BOURNVILLE" about Gift Scheme <br> 9. <br> RECIPE ON LABEL FOR DRINKING CHOCOLATE <br> 

## Swansea Programme.

## $5 \mathrm{SX} \quad 48 \mathrm{Z}$ M.

Week Beginning Sunday, June 21st. SUNDAY, June 21st.
3.30-5.30.-Programme S.B. from London.
6.30-8.0.- Service, relayed from Walter Road Congregational Chureh. Address by the
Rev, A. PENRY EVANS
9.0-10.55.-Programme S.B. from Cardiff. MONDAY, June 22nd.
3.0-4.0.-The Castle Ginema Orehestra, relayed from the Castle Cinema. Musical Director: Jack Amold.
5.0.-WOMEN'S CORNER
0.15-6.0.-CHILDREN's CORNER. (5.45.Letters.)
6.15-6.30.- 'Teens' Talls.
6.40-7.40.- Programane S.B. from London.
7.40-7.55. Mr, F. J. HARRIES. S.B. from Cardif.
8.0-11.0.-Programame S. B. from Loridon, TUESDAY, June 23rd.
3.0-4.0.-New Gramophone Reeords. 5.15-6.0-CHILDREN'S CORNER
( 5.45. Letters.)
6.15-6.30,-'Teens' Talk
6.40-7.40.-Pragramme S.B. from London.
7.40-7.55.-Miss D. J. C. REES. S.B. from Cardiff.
8.0-12.0.-Programane S.E. from London. WEDNESDAY, June 24th.
3.0-4.0. The Castle Cinema Orehestra.
6.e.-WOMEN'S TOPICS.
5.15-6.0.-CHILDREN'S CORNER. Letters)
6.15-8.30.-'Teens' Talk.
6.40-8.0.-Proyramme S.B. from London. 8.0-11.0.-Programine S.B. from Cardiff. THURSDAY, Juae 25th.
$3.0-4.0 .-\mathrm{J}$. W. Barlow's 'rio.
5.15-6.0.-CHILDREN'S CORNER. Letters.)
6.15-6.30.-'Teens' Talk.
6.40-11.30.-Programme S.B. from Londor FRIDAY, June 26th.
3.0-4.0.-The Castle Cinema Orchestra, relayed from the Castle Cinema. Musical Director: Jack Arnold
5.0.-WOMEN'S TOPICS
5.15-6.0.-CHILDREN'S CORNER. (5.45.Letters.)
6.15-6.30.- 'Teens' Talk.
t.40-7.40.-Programme S.B. from London, 7.40.-Mr. J. KYRLE FLETCHER. S.B. from Candiff.
6 th Aberystwyth Festival of Music.
S.B. to Cardiff:

Under the Direction of
Sir WALFORD DAVIES, Mas.Doe.
Director, National Council of Music, Univer.
FIRST FESTIVAL CONCERT, Relayed from the
University Hall, Aberystwyth, at 8.0 p.rn.
A Mozart Overture
Vaughan Williams's Mass in G Minor.
Hubert Parry's Two Songs of Farewell.
Bach's Piano Concerto in E Major.
Coleridge-Taylor's "Hiawatha's Wedding Feast.
THE WELSH SYMPHONY ORCHESTRA,
With
W. H. REED
(of the London Symphony Orchestra) ms Cuest-Leader.
HAROLD SAMUEL (Pianoforte). Conductors
Dr. VAUGHAN WILLIAMS
Sir HUGH ALLEN.
10.0.-WEATHER FORECAST and NEWS. S.B. from Lowdon.
"The Man and the Moment." S.B. from London.
10.30-11. New
10.30-11.0,-Programme S.B. from London. SATURDAY, June 27th.
3.0-4.0.-The Castle Cinema Orchestria
5.15-6.0.-OHILDREN's CORNER. (5.45.etters.)
6.15-6.30.-'Teens' Talk.
6.40-7.40.-Programme S.B. from London. 7.10-12.0.-Programme S.B. from Cardiff.


Braak up the forces of lightning, and you dentroy its strength. CLIMAX is the death-trag to the demon of lightning.

CLIMAX is your Safety and your Satisfaction.
THE CLIMAX LIGHTNING ARRESTER.
Made on the multi-rap. quenched spark principle. Frovidet atmespleric epace chargel and vightaing chive tance Protects the set wbether in use or not. NO
SIVITCHES NECESSARY. The miza Insulating disca SWITCHES NECESSARY. The mia Insulating discs and Eciler multiple gaps ensure complete ahsence of sthunt. ing effect. leaving your sifnols at enaximum strengti. High temblon discharges are throlsen up between the several
gaps provided. This system grearly reduces the destruciva gaps provided. This systems greatly reduces ine destrucrive mainure ot ped puit metal moled, are obviourfy a very sale ferm of protection. The glass cover protects the gaps from tecoming emi-conducting due to dict, damp of other interference Equippdi with a Climax Lightumg Arrester, an
acriat is a positive protection against Jifhtning, instead of being a source of danger. Price $7 / 6$ complete, ready to fix.
THE CLIMAX JUNIOR CRYSTAL SET DE LUXE
A very attractive crystal vet in a mall, beautifully Giniabed mahorany caso exrrying a brilliantly polished ganst with silver finished fittings. The delector is the well known Climax Sure-Set Plug-in Detector, fitted with microundef adjustmuent. This detector cant be set quickiy ane tages of a permanent detector, with the advantage that you can adjust it. The eminarure switch enables the wave lengith to bo changed over to Chelmsford without watag any loading coils.
Tuming is by variometer, and is very marp and elliciene When not to usf, the aerial can be switched direct to The higleat pensik
grade of crystal set at tha fowet pousible price.

## THE CLIMAX LOW-LOSS AERIAL

100ff, of extra bigb monductivity copper; a siagle wolke polished wire, charmilled on the surface to preserve bigt INSIST ON THE NAME "CLIMAX," REFUSE SUBSTITUTES.
Every Climax product is clearly marked with the name "Climax." In case of difficulty, or if substitates art offered you, send your order direct to us, together with P.O., and we will sead the goods by relura.

## clIMAX <br> RAD I O

CLIMAX PATENTS LTD.

## Head Office and Works?

Quill Lane, Putney, London, S.W. 15. (All Communicatloas to Head Oflice:) Shourooms:
257, High Halborn, London, W.C.1. Iclephone-Holbora 2538 ,

When you want a new crystal-specify CLIMAX Super Crystal, 1/- per box

## REAL ACCUMULATOR SERVICE <br> A Size for Every Set.

 The Radio Service Co. offer the finest and most complete Wireless Accumulator Hire or Maintenance Services that 20 years' electrical manufacturing experience can produce.
## 36 Various Services

from 2 volt 40 amps . to 6 volt 120 amps . New ROTAX Accumulators. Weekly or fortnightly exchanges with full allowance for Summer Holidays.

From 9/6 per quarter inclusive.
Delivery area Greater London. Complete satisfaction guaranteed. Phone or write for descriptive folder.
RADIO SERVICE CO.,
Phone: North 4161. 105a, Torriano Avenue, 4162. Kentish Town, N.W.5.

## Now Add Cosy Comfort to the Joys of Wireless

TAKE things easy when the day's work is over. Settle down in cosy comfort - snuggle down into the luxurious depths of your "Wycombe" -and enjoy your wireless to the full. There never was another chair to equal the "W Wcombe " for downright honest good value. It comes to you direct from the actual makers, sturdily built to give you a lifetime of wear, and your money will be cheerfully refunded if you are not perfectly satisfied.



## Take your Wireless into the Garden with

 30\% EEECTRON: Wimisen
## "TUNE-IN" FOR BUSINESS SUCCESS.

 Additional qualifications secured by study in your spare time will enable you to get in touch with the highest positions. Commence a POSTAL COURSE with Pitman's School, which offers tuition in Business, Secretarial, Accountancy, Banking, and general subjects. Write for "Home Study" booklet, which describes 90 Courses. PITMAN'S SCHOOL,269, Southampton Row, London. W.C.1.


## £10 A WEEK FOR LIFE.

Not Chance but Certainty, if you adopt this simple and sure plan of providing for your later years.
Making provision for the future is by no means the difficult thing that minat people imagine it to be. If you work to a plan and with the Sun life of Canada, you can gain financial independence at an eartier age than would otherwise be possible, and you can protect the interests of those dependent on you from the very start. The plan if not ordinary insurance; it is insurance and investment comhined. You make deposits to the Sun Life of Canade of a sum that you can well afford out of your income, and to these amounts are added most generous bonuses, so that when the agreedupon time arrives you get back not simply the money that you invested, but such a substantial addition that it makes the whole transaction one of the fineat that any investor can undertake. You also save each year a very pleasing amount in Income Tax. It amounta altogether, if you aim at the $£ 10$ a weel for life from ago 55 , to several huudreds of pounds. This is an additional saving which benefits you year by year, and it in money that otherwise would have to be given to the Income Tax collectors.

Then there is the insurance which protects your family from the moment that you make your first deposit. You are insured for a definite and large sum, and to it is added each year halt of each deposit that yon make. That is to say, should you not live to be 55, your family will receive the full sum plus half of all you had depasited.

There is also a most attractive feature which is called a Disability Clause. This is a guarantee to you of $£ 40$ per month should you during the term of the policy, either through illness or aecident, be permanently unable to earn a living. In such circumstances, not only will you receive this monthly sum until you reach the agreed-upon age, when you would get the $£ 10$ a week for life, but you would not have to make another deposit. Any time after three years you would be able to borrow money on your policy if it wero necessary, and thero are many other advantages open to you.

The Sun Life of Canada, the great Annuity company which features this plan, has assets of over $£ 56,000,000$ under strict Government supervision. There is, therefore, the ampleas security.

Let us know your name, address, exact age, and the approximate amount you can deposit yearly, and, without any obligation on your part, wo will tell you exactly how you can apply this ideal Plan of Investment Insurance to your own cireumstances.

FILL IN \& POST FORM TO-DAY
To J. P. Junkln (Manager), Sun Life Asaurame Co, of
Cauada, 12, Sun of Caniad. Hows, Vhetoria Erobankment, lonton, Wic:
Near Temple, stater
(Wear Templo Station).
Asuanlog I can save snd depietit C . $\qquad$
please seld me, witbotot obllitation on my part, full particulars of your inveatineat plan abowing:
3. What Income or onsh sum I shall receive In......... yeare (15, 20, 25, 30, as you desire).
9. What sum whit be automatlally provided for my
family in the event of my death.
3. How maich income Tax 1 shall save epch year, 4. In the event of total disability, how much I shail draw monthly.
Exact date of blrth
Married or about to be marrled
Occupatinn
Name.
Aditress


It is the new Lucas Battery Moulding Material which overcomes the disadvantages of ordinary Radio Batteries.
"M-I-L-A-M" means Moulded In Lucas Acid-proof Material and its use enables the outside covering to be moulded integral with the cells-this prevents leakage of acid, gives great mechanical strength to the battery, also a separate case or crate is not reguired.
The finish of this material resembles polished ebony and the consequent handsome appearance of Lucas Radio Batterics, besides making them an acquisition to the highest quality sets, warrants their being placed in any room where a wireless cabinet is installed.
The targe bore vents are clean and effective, the terminals robust, and another special feature is the strong leather carrier with its neat and positive attachment which facilitetes handling of the battery-a boon when it needs re-charging.

Each Battery has connections
for 2,4 or 6 volts, and prices
include Lid and Leather carrier.
Full particulars Post Free on request from Department $G$.

TYPE RM9. 6 vals. Radio Rating: 104 amp . hre. capacity. Rating: 104 amp . hre, capacity.
Dimensions: $12 \times 5 / 5 \times 107 \mathrm{in}$.

Prian E4: 1: 6 .
TYPE RM5. 6 volts. Radio Rating: 52 amp . Hrs. capacity. Dimensions $101 \times 515 \times 10=$ in. Price $\mathrm{e} \mathbf{2}: 18: 6$.


TYPE RH5. 6 volts. Radio Rating : 20 amp, hts. capacity. Dimensions: $51 \times 5 \frac{1}{4} \times \frac{50}{10} \mathrm{in}$. - Price $\boldsymbol{E 1} 1=\mathbf{9}: \mathbf{6}$,


Designed and Manufactured throughout by
The House famed for "King of the Road" Specialities JOSEPH LUCAS Ltd., BIRMINGHAM


## YOUR HOLIDAY

THIS year try the holiday that is different. Explore new country and enjoy healthy, restful change, free from int some routine.
THE NORFOLK BROADS with their natural beatities an quiet old world villges will enchant you. They aro 120 miles from London, and and Norwich. You hire from us for a week or loazer a fully furnished wherry, yect. or motor-boat, which becomes your floating home, maving when and where you wish inland, not on the sea. We can supply an attendant to manage the boat and do all cooking. You only have to enioy yourself. The cost, ihcluding boat, food, etc, averages 24 per head per week.


BLAKE'S LID. 19 Broadland House, 5 Tmin Servicen, fares and offer (Sole Representatives to) ${ }^{22}$ Newgate Street, information froma smy L.N. E.R.
LONDON, E.C.

## Happy Hours of Healthy Exercise



Get your youngster a Fairycycle without delay. The hours he will spend on it in the golden Summer sunshine will be the happiest of his young life. They are quite easy and safe to ride, and the low price-now reduced to $49 / 6$. is a very modest premium to pay for all the healthy exercise and unalloyed happiness that it will bring to him in the days to come
All good Tossbope and Stores sell. the popular Falrycycle
at 49/6, or De Luxo models at 61/6 and 69/6.
Look for the name and Red Triangle Trade Mark, and
resoletely refinse a sabstitate.

Tr Fagirycycle
Tintirs. : LINES BROS., LTD., S, Fcre sfrest, Londoa, E.C. 2



An Indispensable Work of Reference 192 Coloured Mlaps


TN the, preparation of 1 "Newnes Citizen: Atla3 appears in an entirely new dress. the publishers have spared the publishers have spared
neither pains nor expense in neither pans nor expense in
their endeavour to maintain the high standard of its predecessors. all the cartographical skill and resources at their disposal having been laid under contribution in its production.
Each nopy has heon carofolly revined mith the latert omcial
material available at the date of going to press.
NaticonTENTS
Nationat Flass of the World. Chief Territories of the World (Alphabetical, with
References).
Erymology of Place names. The Advunce of Geographical Population of the world Population of the Worla Principal ${ }^{(3)}$ Rtatigions. Areas ant Princlpal States, Areas and
Popalation. The Greatest Cities of the The British Empir pire, Area and Princtpal Lakes and Inland The Great Satp Sanals of The Greatest Bridges of the World.
A THOROUGHLY RELABLE WORK OF REFERENE WHICH SHOULD BELIN EVERYLIBRARY

To THE HOME LIBRARY BOOK CO. (GEORGE NEWNES, LTD) 67-6s, Chandos Street, Covent Garden, London, W.C.2.
 peymint of 3 ). 1 am not under' 21 years of apo

## and ind coosion


Raidoma..........................................................................

## NO ATLAS OF THIS SIZE PUBLISHED

 - AT SUCH A MODERATE PRICE -[^1]
## It's a Newnes' 2/6 Novel! <br> 

This outspoken story exposes the snobbery and petty jealousies that exist in a country village, and compares them with the broader views acquired under the severity of tropical life.

A man and woman thrown together on a desert island could not hope to remain apart indefinitely. The chief characters in this book discovered that unconventional situations demand unconventional treatment, and Love succeeded in breaking down the prejudices imposed by Society.

## - $\because$ ? :

On sale everywhere $2 / 6$, or by post $2 / 9$ from the Publishers, Geo. Newnes, Ltd., 8-11, Southampton Street, Strand, London, W.C.2.

The film version of this book will shortly be released as a Paramount Piclure.

## 28 percut Leses Rain

EVEN LAST YEAR THE RESORTS ON THE EAST COAST HAD, ACCORDING TO OFFICIAL FIGURES, $28 \%$ LESS RAIN THAN OTHER SEASIDE PLACES

YORKSHIRE COAST DALES AND MOORS


SCARBOROUGFI.
Described in Beautifully
Illustrated Information Free from, any.E.N.E.R. Ofise or Parsmer
Manager, L.N.E.R. York, or Livespool Street

## The Drier Side of tortain selvied ty the

 Condon Efloth Castem Railway.

SENTINEL guarding your RADIO
The CO-OPERATIVE INSURANCE SOCIETY LTD. are prepared to issue Policies to owners of Wireless Receiving Sets indernnifying them against any one of more of the fallowing risks.

PUBLIC LIABILITY Claims for injury to the person or TABLE damage to the property of third parties resulting from 1. breakdown of the acrials, supports, of any part of the Installation.
DAMAGE TO PREMISES caused by the breakage or collapse
TABLE of the aerials, aerial fittings, masts, standards, supports of installation to the structure of buildings whether the owner is landlord or is liable as tensant.
DAMAGE TO APPARATUS, loss or damage to the whole
TABLE apparatus (indoprs of out), inctuding loss or damsge by fire.
3. lightring storm, tempest, malicious damage, burglary, housebreaking, larcepy or theft.
The Annual Premiam for cover ander any ons of the above thbles is $\$_{2}$. Limit of indemnity for any oan accident under
Any two or more tables will be cacered for an Annual Premixm of $7 / 6$. The sbode Premiorns apply only to apparatas fixed on or in privats duveling housex, Transmitting sets are not insurent For full information wrile for Bookle: IV 27.
CO-OPERATIVE INSURANCE SOCIETY LTD., Establizhed 1867.
Chief Office: 107, Corporation Street, Manchester, ASSETS EXCEED $43,750,000$.


## Broadcast at its best

DISTORTION free . . . . . no mechanical noises . . . . no harsh overtones-exquisitely faithful in its reproduction of broadcast. Such is the performance of that super loud-speaker-the Ericsson Super Tone. To hear it is a revelation. Agents everywhere. 75/-.
II rite te-day or apply to our agonte for liferatare treatiay on our receening sets, theppomes and tesial parts.
The British L.M. Ericsson Mfg. Co., Ltd, 67/73, KINGSWAY, LONDON, W.C.2.


## SKILLED

SERVICE

The same knowledge and skill as could be given by the Manufacturers themselves is at your disposal at every Exide Service Station.

There is a Station near you, fully equipped and competent to carry out re-charging and repairs, and to advise you on all matters of Battery maintenance. Standard charges obtain throughout.

These Stations exist for your convenience no matter which make of battery you have at present.
$\begin{aligned} & \text { Our illantration booss the premises of Mr. C. S. Coop, } \\ & \text { the Exide Servige Agent for East Ham. Mr. Coop is }\end{aligned}$
the Exide Service Agent for East Harm. Mr. Coop is
now, so well estoblisbed, ar ise batery miny cceaviuns
ditriet, that he has beia told on misy ceasivns
they think of Mr. Coope"

Made in the largest Battery Works in the British Empire
The Long L-Life Battery For wirgeless

Battery Works in


The Sitan of SKILLED SERVICE

LONDON:
219-229, Shaftesbury Averue, W.C. 2 . BIRMINGHAM:
58, Date End

BRISTOL:
22, Victoria Street
MANCHESTER:
1, Bridge Street

# A Clarion call to all Loud Speaker users 

EER since Broadcasting began, users of Loud Speakers have been contranted with the difficulty of obtaining o reasomably priced Power Valve capable of producing a rich sonorous tone without the aid fran extravagant high-tension voltage. They have yed ned for a Power Valve which does not yedesstate the rebuilding of the Receving Set of the purchase of an elaborate ocosthe porvel Ty ansformer to obtain the des A antyentorte . The solution of these probley is o To be found in the new Cossor I/ Lqud siea V:lve-a masterpiece of ing pity arud of ship. Operating at 1.8 volt : 1 gon $\quad 15.5 \mathrm{amps}$., it needs
 order to pry $\quad$ rity and mellozeness which haf et d d by anyother Valve. We vent lot SO M It as its virtues become more wdels 5 , it will be selected by a discriminamb rineless public as the standard British Loud Speaker Valve.


[^0]:    - In a Talle from London.

[^1]:    ACTUAL PAGE SIZE OF ATLAS IS $14 \frac{1}{2}$ INCHES BY 10 INCHES

