

FULL PROGRAMMES FROM ALL STATIONS.

THE RADIO TIMES

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Britain's New Wavelengths.

By P. P. ECKERSLEY.

THE new plan of wavelengths for Europe, which has been accepted by most of the European countries as a basis for future working, will be definitely put into operation on November 14. Unfortunately, the date has had to be postponed twice. It was originally thought that the plan could be put into operation on September 15. Then it was postponed until the middle of October, but now we can definitely state a date and be reasonably sure of sticking to it.

I am sure that my friend and colleague, Monsieur Brailard, the President of the Technical Commission, will not think that I have usurped his functions if I take it upon myself to apologize for the delay there has been. To make up a large number of wavemeters that are essential for the successful working of the plan, and to guarantee that the manufacturers of each part will fulfil their contracts according to date, is no easy matter, and in this case it was found impossible of achievement within the time originally set. However, the wavemeters are now ready, and so the plan is due to start on the date named.

On the eve of putting the plan into operation, it is perhaps desirable to recapitulate some of the things that have been said before. There is no doubt in my own mind that many people will be adversely affected by the new plan. For instance, listeners who are accustomed to receiving a service from a relay station ten to twelve miles distant from that station, will now find that that service is denied them. There is no doubt that in the Newcastle and Bournemouth areas, to mention two places particularly, listeners will have to make considerable alterations to their sets in order to bring them down to the lower wavelengths. In fact, I am sure

that after November 14 many people will be asking why a new plan of wavelengths should have been put into execution, which apparently leaves them worse off than they were before. The object of this article is to answer in advance all such questions.

In effect, the reason for making these



M. RAYMOND BRAILLARD.

of Belgium, President of the Technical Committee set up by the Council of the Office Internationale de Radiophonie, which was responsible for the new wavelength plan.

changes in our wavelengths is simply because to leave European broadcasting to expand unchecked along its present lines would be to court final disaster. Just as an apple tree allowed to grow unpruned produces in the end worse fruit, so broadcasting allowed to expand unchecked, will in the end react

unfavourably upon the service. Early pruning is essential now if the future of European broadcasting, and with it British broadcasting, of course, is to be assured. We have looked in vain for methods to overcome this interim stage without any dislocation in the present service, but to achieve in the end a system using fewer wavelengths and higher power, we have to go through a period of restriction of service to a certain extent.

And now, having painted as blackly as I can some of the difficulties that may be experienced, I want to assure readers of *The Radio Times* that in no case, under the new regime, has service through an alternative channel been denied, and that Daventry will be the mainstay of those listeners who are left out in the cold with regard to the relay stations and, incidentally, Aberdeen and Bournemouth. We are doing our utmost before November 14 to increase the effectiveness of Daventry, and without making the slightest promise or indicating that there will be definitely an improvement, we do most certainly hope that the arrangements we are making in this connection will considerably increase the effectiveness of that station.

The change-over, then, will take place on November 14, for better or for worse. There will immediately be an outcry, I feel sure, from many listeners, because their service is not the same as it was heretofore (I reiterate the same!). We are asking them to take steps so that their service may be given through the alternative channels we have provided.

Take, for example, the case of a man living thirty miles from Birmingham, or of another living seven miles from Sheffield, or of another living fifteen miles from Liverpool.

(Continued overleaf in column 3.) S

Big Ben on the Rhine.

By Stephen E. Wadey.

I PUT my watch right by Big Ben to-day. That is a statement that calls for little interest in these days when Ben calls daily with the time in so many British homes, but to-day I found it still cause for amazement when I put my watch right beneath the shadow of Cologne Cathedral on the River Rhine in Germany.

I have had much to do with wireless since broadcasting began in England, and yet to-day I still felt a thrill of excitement when I heard, so far away from London, old Ben call out his message about time.

Quite unconsciously I shut my eyes and pictured a scene I love so well, as do all English folk. I saw Big Ben in his home by the Thames, with the lovely outline of the Houses of Parliament standing by his side, and the busy throng of people surging home southwards across Westminster Bridge. Behind him stood the Abbey, whilst almost from his feet ran Whitehall, and, in the midst of Whitehall, the Cenotaph, the symbol of our nation's mourning and remembrance.

All this I saw as I shut my eyes for a few brief seconds during Big Ben's call of six o'clock, and when I opened my eyes I looked out of the window and saw in the setting sun the glorious outline of Cologne Cathedral and beyond it the broad, swift stream of the Rhine. I realized at that moment how sound, by means of wireless and broadcasting, has done away with distance.

I did not set out to write this article about Big Ben; it was my intention to tell how I was invited to-day to be present when a lot of German school girls and boys listened to a special wireless reception of the Children's Hour broadcast from the London Station. These little Germans are not very old, and yet I found that they are all learning English. I wonder how many British girls and boys of nine to twelve are learning German? Well, I suppose it is in large measure because in Britain we live on an island, whereas in Germany the girls and boys have so many other countries on their borders, and so it's more necessary for them to learn at least two languages beside German.

Anyhow, to-day's broadcast was an English lesson, and very happy these boys and girls all looked as they gazed intently into the loud speaker on the table in front of the class.

The voice of one of the London 'Uncles' sounded very familiar to me as it was carried strongly and clearly out from the loud speaker telling the story of 'Robin Hood.' Then another 'Uncle' sang us the Cornish Floral Dance, but the little Germans know nothing about Cornwall, and I rather think they did not understand it.

Their chief interest, so their teacher told me, came next, namely, the birthdays. A large map of the British Isles was fastened to a blackboard, and as each name was called, the teacher pointed out the town on the map. I wondered what the happy little recipients of these birthday greetings would have said had they seen the sixty pairs of eager eyes watching the map of England in this far-off German city. The greetings were called a little too fast for foreign ears, and I had to act as interpreter. The children shouted with laughter at the novel idea of hunting the hidden birthday present.

After the birthdays, the London Auntie played a piece of music by Schumann (all the children know his name), and then came Big Ben at 6 p.m. How intently they listened! Ben's voice boomed out just as clear and loud as we hear it in London. I tried to explain all about Big Ben, and drew a picture of him on the blackboard.

And now, while I am writing these lines, these girls and boys are writing an essay about all they heard this afternoon.

My experience this afternoon has impressed upon me the fact that boys and girls of all nations are to-day growing up in a world wherein wireless is a great gift of God for the uplift

'IF'

(With apologies to Rudyard Kipling.)

If you can make a choice when all about you
Are praising 'dynes' and 'supers,' 'Reinartz,'
too;

If you can estimate what it will cost you
To build a set for Rome or Timbuctoo:
If you can listen not be tired by listening
To friends' romance of what their circuits do,
And in the end settle yourself to making
The set you're keen on (less a valve or two):

If you can ease the path of each electron;
Shuffle components, burning midnight oil:
If you can solder—ne'er a joint a dry one—
And wind your solenoid and 'basket' coil:
Can cross magnetic fields and stop 'em coupling
(Save in the tuner, where a cross won't do).
Adjust your 'square-law,' not a plate
a-buckling.

And test each 'lash-up' till the circuit's true;

If you can rig your earth and brave 'antenna,'
Join set to battery and loud-speaker, too,
Turn on your valves and face the wild Gehenna
So strangely conjured up to startle you:
If you can sacrifice the lure of power
And aim at getting reproduction true,
Can hunt the Continentals by the hour
Nor curse as static what's to 'foreing' due:

If you can master it—with fairy touch
Search through an ether not disturbed by you:
If you can call your friends (not vaunting much
Of what your set has done and yet will do),
And, when the cursed thing declines to function,
Can wear a smile and not confess you're done:
Then, Steadfast One, lay to your soul this
unction.

You've got the makings of a fan, my son!

A. J. CAMPBELL.

of humanity. The voice, the means by which we speak to each other, can now be sent across great distances. The peoples of the world are no longer separated by space. In talking to one another we can achieve more in a few moments than we can by correspondence in a year. Achieve more what? Why, understanding, surely.

To-night, many girls and boys in Cologne are thinking of their happy little confrères in England, and the seed set in their minds this day—the thought of loving English parents, birthday gifts and happy home life—must surely mean that a better understanding will spring up between our countries as the coming generation grows up to wisdom and adulthood.

Britain's New Wavelengths.

(Continued from the previous page.)

each of whom has been used to listening to these respective stations. Under the new regime, the Birmingham man will have to switch over to Daventry, an easy thing for him to do; the Liverpool listener will now have to choose between Manchester or Daventry, and the same will happen to the man who now normally listens to Sheffield.

Listeners in London, Cardiff, Glasgow and Manchester, who normally listen to these stations, will find no change in the service, however far they may be from those stations. Listeners to Newcastle and Bournemouth will most certainly find that while the range of the station is probably not affected, some changes in the tuning of their sets will have to be made in order that these may be adjusted to go down to much shorter waves.

Listeners to the relay stations with a radius of three to four miles from the transmitter will, we hope, find their service unaffected, except that they will have slightly to re-tune their receivers. It is only those listeners living outside the range of three to four miles from relay stations, and those about fifteen to twenty miles from Aberdeen and Bournemouth, who will be adversely affected. All these listeners we ask to try for Daventry.

There is one special favour I should like to ask from listeners—all the time hoping they will bear in mind that, in making this change, we are looking to the future rather than to an opportunist present—and that is to refrain from too much comment upon the changes during the first fortnight that they are in operation. And then at the end of that testing time, please send us your answers to the questions set out in the form printed on page 399 of this week's issue of *The Radio Times*.

Even if the British Stations settle down to their most efficient working conditions on their new wavelengths, during the first few days, it is probable that some of the foreign stations will remain unsettled for perhaps a fortnight. We are particularly anxious not to be forced, by public opinion, to abandon any portion of the carefully prepared scheme for some reason which will ultimately rectify itself. At the same time, we wish to make it quite clear to listeners that their considered suggestions and legitimate complaints will be sympathetically received—even though they may necessitate considerable alterations to the present allocation of British wavelengths.

In conclusion, here is a list of all the British Stations with their new wavelengths in metres:

Aberdeen	401.8
Birmingham	465.4
Glasgow	326.1
Belfast	361.4
London	312.5
Newcastle	384.6
Manchester	300.1
Bournemouth	300.1
Cardiff	300.1
Leeds	297
Bradford	294.1
All other Relays	288.6

London and Daventry News and Notes.

PHIL SCOTT, holder of the British Heavyweight Boxing Championship, will arrange the fourth of the series of 'My Programmes' which is to be broadcast on Saturday, November 27. This programme will have the additional interest that Mr. Scott will also give his opinions of the recent Dempsey-Tunney fight as he formed them from witnessing the film. The next of the series of 'My Programmes,' on Saturday, December 11, will be arranged by Mr. George Grossmith, the well-known actor-manager.

With a view to strengthening the lighter side of the broadcast programmes, a semi-permanent concert party, in which it is hoped to include a number of well-known entertainers, is being formed. It will give its first 'show' early in December, and thenceforward once every week from either London or provincial stations.

Seldom has a broadcast met with such universal and warm approval as Herbert Ferrers' short British opera, *The Piper*, broadcast on October 18. So successful was it that a repeat performance will be given with the original cast, conducted by the composer, on Monday evening, December 8, at half-past eight. It will be S.B. from all stations. Herbert Ferrers has had an interesting career, and it is unfortunate for music, as for himself, that for four years now he has had to retire because of failing eyesight. When he conducted *The Piper* at the London Studio in October, it was a 'return to harness' which we may be sure gave him as much delight as his charming work afforded listeners.

He began conducting in 1884 in London after six years of hard study. After some provincial work, he took up the work of opera and devoted some years to various branches of theatrical work, producing as well as conducting. He conducted the London Symphony Orchestra at its first appearance at Queen's Hall, after the retirement of the late Hans Richter. He was then engaged as Musical Director of the Moody-Manners Opera Company.

The outbreak of war prevented a world tour with the Quinlan Opera Company, which he was to have accompanied as conductor. His musical activities were then set aside to take up organizational work in a Government Department. Just before the Armistice, he was engaged as Musical Director by the Royal Carl Rosa Opera Company and again toured the Provinces and conducted for London seasons. During this engagement, he had the somewhat novel experience of conducting *Tannhäuser* in the very theatre where, nearly thirty years before as a small boy, he had listened to his first opera—the same work performed by the same company. During these various engagements Mr. Ferrers had conducted opera in more than seventy cities and towns in the United Kingdom.

Finally, he undertook the musical direction of the first season of opera at the Old Surrey Theatre, where for eighteen weeks an extensive repertoire was played to enthusiastic audiences. He had the honour of appearing as pianist and composer before the King and Queen and members of the Royal Family at Balmoral Castle. He has not appeared in public since; the direction of the performance of *The Piper* marks a return to the conductor's desk. Mr. Ferrers' compositions include several operas, choral, symphonic and chamber works and songs.

Colombo and his Orchestra at the Hotel Victoria will give the whole evening programme after the news bulletin on Sunday, December 8. It is some time since Colombo took part in a Sunday programme, and the occasion will be marked by a special concert, details of which will be given next week.

An excerpt from *Vaudeville Fancies*, which Mr. Archie de Bear is producing at the Vaudeville Theatre next week will be broadcast on Thursday evening, December 9. The programme for the half hours before and after this relay will consist of popular orchestral music, conducted by Mr. John Ansell. Later the same evening, the Ceremony of the Keys (details of which have already been given in *The Radio Times*) and a talk will be given, followed at 10.15 p.m. by a programme by the Sheffield Orpheus Male Voice Quartet, conducted by Mr. Thomas H. Ratcliffe.

A musical service, with an address by the Rev. Canon Thomas Carey, will be relayed from the Church of 'Our Lady of Victories,' Kensington, on Sunday evening, December 8.



The Rt. Hon. W. S. MONROE,

Prime Minister of Newfoundland, who is to speak on 'Our Economic Difficulties' from London at 7.40 on Wednesday, November 17.

Half-an-hour of light music, played by Arthur Salisbury and his Orchestra, will be relayed from New Verrey's Restaurant, Regent Street, at 9 o'clock on Wednesday evening, November 24.

An original Turkish musical drama, entitled *Ikbal*, or *The Circassian Slave Girl*, arranged by Laurence Morton, will be included in the programme on Wednesday, December 8. It is a story of the romance of the mysterious East of bygone days.

A programme of Handel music will be relayed from St. Anne's Church, Soho, between 3 and 4 o'clock on Saturday afternoon, December 11. It will include both organ music and anthems.

The third of the series of monthly 'Children's Services,' on this occasion relayed from Edinburgh, will be broadcast at half-past five on Sunday afternoon, November 21, the address being given by the Rev. James Black D.D. The religious service on the same evening will take place in the London studio. Dr. Albert Maasbridge, chairman of the World Association for Adult Education, being the speaker. The Week's Good Cause appeal that day will be on behalf of the Sunshine Guild and will be made by Miss Marion Findlay. The appeal from Daventry will be a general one on behalf of the provincial Wireless for Hospitals Fund.

A short programme of chamber music will be relayed from the Edinburgh Station through Daventry on Wednesday, December 8. Edinburgh, though a relay station, serves an area in which there are many musical listeners, and the frequent programmes of chamber music given by the Station Quartet, with Mr. L. S. Mann, Musical Director of the Station, at the piano, and with other Northern artists, are always well received. The opportunity for a much wider audience afforded by the high-power station will, therefore, be welcomed.

Upon episodes in Beaumarchais' trilogy of *Figaro* comedies, several composers, Mozart and Rossini among them, based operas. The second of the comedies, *The Marriage of Figaro*, was chosen by Mozart for his immortal operatic masterpiece known by this name. Rossini took the first, *The Barber of Seville*, for the opera which he wrote some thirty years after Mozart had completed his. In point of action, of course, it precedes *Figaro's Marriage*, and in both operas the general factotum and busybody of the town is a prominent character. The full story of the opera and the libretto as it will be performed in the London Studio and broadcast from all stations on Friday, December 10, is available in booklet form. Mr. Percy Pitt will direct this performance, as he has done previous operas in the series, and the cast will include Miss Sylvia Nells and Miss Gladys Palmer.

As from Tuesday, November 23, Sir Walford Davies will occupy the whole half hour between 9.30 and 10 p.m., when he gives his weekly talks on 'Music and the Ordinary Listener.' Consequently, on those evenings there will be no 9.45 pianoforte recital, except in those weeks where the nature of the recitals does not permit of any omission, when the recitals will begin at 10.15 p.m.

Some people, subjects, and dates for those who like talks:—

- Monday, November 22.—Mr. Charles F. Waters, Mus. Doc. (Lond.), F.R.C.O.: How Organ Music has Developed.
Captain F. Trimm: Air Ministry Talk—How an Airman Finds his Way.
- Tuesday, November 23.—M. Stéphan: French Reading.
Mr. Gunby Hadath: The Modern Boy and his Sister.
- Wednesday, November 24.—Lieut. Col. W. P. Drury: the fourth of his series of Historical Sketches, entitled 'Queen of Hearts and Queen of Diamonds,' on the story of the long feud between those royal cousins, Elizabeth of England and Mary, Queen of Scots.
Mr. F. A. Mitchell-Hedges: the second of his six talks in which he describes some of the horrors of the seas from which he recently returned.
Professor George Gordon on Companionable Books, his choice this evening being Walford's 'Compleat Angler.'
- Thursday, November 25.—Mr. C. Lewis Hunt: the third of his series on 'Six Great Artists and What They Stand For.' (Titian.)
Professor J. Arthur Thomson: concluding talk on 'The Mind of Animals.'
- Friday, November 26.—Mr. Ben Travers on 'The Humour of Tragedy' in the series of talks by representative humorists.
- Saturday, November 27.—Mr. Cecil Lewis: concluding talk on Chinese Life, with a description of personal experiences in Peking.
Captain Sir Arthur Willedox Clarke, K.B.E., of Trinity House: Lighthouses.

News From the Provinces.

CARDIFF.

LISTENERS will have an opportunity of attending the broadcast concert, jointly arranged by the Cardiff Station and the Cardiff Musical Society, at the Park Hall, on Sunday evening, November 28, when Elgar's *Dream of Gerontius* will be performed. The prices of admission have now been definitely fixed and they will range from reserved balcony and reserved area at 5s. 9d. and 4s. 3d., to unreserved area and balcony at 2s. 4d. and 1s. 6d. If, at the same time, tickets are taken for the series of three concerts at the Park Hall, they may be obtained at a reduced rate.

Two days later there is to be another important 'outside broadcast'—a concert from the Town Hall, Pontypridd. Among the artists will be Miss Mavis Bennett, John Henry, Mr. Ronald Gourley, Madame Vera-McComb Thomas and the Station Orchestra. Prices range from 4s. to 1s., and profits will be handed over to the Pontypridd Cottage Hospital.

It seems to be generally agreed that an outside concert is a welcome contrast to studio programmes, provided that a hall with good broadcasting acoustics is secured. A further one is to take place at Newport on Thursday, December 9—this time, a joint concert by Cardiff Station and the Newport Choral Society in a performance of *Samson*, by Handel. Miss Rispah Goodacre, Mr. Walter Glynn and Mr. Joseph Farrington will take solo parts in this production.

SWANSEA.

ONE of the most popular of our periodical broadcasts is the complete religious service conducted entirely in the Welsh language at the Capel Gomer, Swansea. The next of these transmissions takes place on Sunday evening, November 21 at half-past six, when the Rev. R. S. Rogers, B.A., pastor of the church, will deliver the address. Mr. Rogers is well known by his Eisteddfod and literary interests, as well as by his eloquence in the pulpit.

The Swansea Philharmonic Society is to provide a popular concert at 8 o'clock on Wednesday, November 24, when the Orchestra will be conducted by Mr. Oscar Thomas. This society is now in its twenty-third season, and its history is the story of an endeavour to stimulate and maintain interest in the study and performance of orchestral works.

HULL.

MANY popular items, including the better-known of Amy Woodforde-Finden's compositions and Liza Lehmann's song-cycle *In a Persian Garden*, performed by the Station Orchestra and vocal quartet, will be included in the programme on Wednesday, November 24. One of the solo artists is Miss Phyllis Hutchinson, who was selected to sing before the Prince of Wales on his recent visit to Hull.

The Rev. J. W. Townsend, of the Central Baptist Church, will conduct a studio service on Sunday, November 21.

STOKE-ON-TRENT.

A SERVICE conducted by the Rev. T. J. T. Chapman, will be relayed from the Woodall Memorial Congregational Church, on Sunday, November 21.

Members of the Henley Vocal Union, which last year took part in all the opera broadcast from the local station, will contribute to the programme on Wednesday, November 24, when there will also be items by Mr. Frank Edge (tenor) and Mr. Fred Morris (violin).

BOURNEMOUTH.

AN interesting forthcoming musical event will be the Coleridge-Taylor evening on Tuesday, November 23, the principal feature of which is a performance of his Cantata, *A Tale of Old Japan*, derived from the poem by Alfred Noyes.

A programme of music, comedy, and humour is announced for Monday, November 22. Ansell's *Overtüre to an Irish Comedy*, and the Rose Mignot from Messager's *Monsieur Beaucaire* will be followed by two cameo-comedies, arranged and acted by Lawrence and Olga Brough. Another popular item will be a broadcast by Mr. Will Hay, the school-master-comedian.

Miss Sophia Rowlands and Mr. Tom Kinniburgh will be the soloists at an Operatic Concert on Friday, November 26. The programme is a varied one, ranging from Wagner to Puccini and Ambroise Thomas.

It is rumoured that Mr. Jack Richards and Miss Violet Stevens, the 'Scandal-mongers,' propose to deal in their favourite commodity at half-past ten on Tuesday evening, November 23. The really righteous listener will, no doubt, mark his or her solemn disapproval of scandal by an early departure to bed; others, we fear, may continue listening on the chance of overhearing some of Miss Stevens' and Mr. Richards' outspoken confidences!

There is to be half-an-hour's chamber music at 9 o'clock on Wednesday evening, November 24, the piece selected being the *Trio in C Minor*, by Edvard Selvig, who was born in Petrograd in 1896.

SHEFFIELD.

THE Sheffield Orpheus Quartet, which performed at the Garden Party at Buckingham Palace in connection with the 'Not Forgotten' Association, is contributing to the local programme on Wednesday, December 1. Listeners will also hear a short descriptive recital by Mr. Hugh Macbeth on 'John Peel,' followed by a variety entertainment; the well-known Irish singer, Mr. T. O'Malley, who was music master for three years to the Jesuit Fathers at Helawayo, Rhodesia, until 1922, will be assisted by the entertainers, Mansford and O'Neill, in original items.

LIVERPOOL.

THE REV. HERTRAM LEE WOOLF, who is to give the address at the religious service to be broadcast from St. James's Church, Texteth Park, Liverpool, on Sunday, November 29, is one of the most distinguished of the younger Congregational ministers in the North of England.

On Wednesday, December 1, the Liverpool Radio Players will present a more ambitious production than any which they have so far arranged—a studio version of Ibsen's fantasy, *Peer Gynt*, which has been specially prepared by the Dramatic Producer, Mr. Edward P. Genn. The cast includes Mr. William Armstrong, Director of the Liverpool Repertory Theatre, in the name part, and Miss Irene Rooks as 'Aase.' Music for the production has been arranged from the works of Grieg, and will be played by the Station Orchestra, under the direction of Mr. Frederick Brown. The wise listener, approaching the poem of *Peer Gynt* for the first time, should simply abandon himself to the current of fancy—now laughing, now tender, now bronzed—that sweeps through it; remembering that it is folk-lore and the folk-lore of a people to whose peasantry trolls and witches are even to-day a reality.

BIRMINGHAM.

ALL Birmingham listeners are invited to the Community Singing Concert conducted by Mr. Joseph Lewis, on Wednesday, November 24, at the Birmingham and Midland Institute. Mr. Lewis devoted himself wholeheartedly to the cause of community singing as far back as 1922, and he has conducted many such concerts throughout the Midlands. Many will remember his concert at the Albert Hall, and at Newcastle and Liverpool. The audience, which it is hoped will be large, may rely on an evening full of infectious enthusiasm from this inspiring conductor; he will be assisted by Mr. Dale Smith as soloist.

The Festival of St. Cecilia, patroness of music and especially of church music, will be commemorated on Monday, November 22, by the performance of Handel's music to Dryden's *Ode on Cecilia's Day*. Handel's musical setting to the Ode was composed about 1740—one of the most successful periods of his life as a musician.

A programme entitled, 'Oratorio Gems,' will be given on Sunday, November 21, with several selections from the works of Mendelssohn, including one performed by a ladies' sextet and chorus.

A newcomer to the tea-time hour is Miss Margaret S. Dangerfield, who is giving a series of 'Six Little Vignettes of Travel'; her visits to France, Austria, and Italy should make these extremely interesting. She has recently travelled in North Africa and Belgium, and has further added to her experience a sojourn of some five months in an up-country mining camp in Western America.

MANCHESTER.

THE first of a series of programmes designed to give 'outsiders' a chance of showing their preference in radio material, will be contributed by Mr. Henry W. Archer, Editor of the *Manchester Evening News*, on Saturday, November 27. It will be found that Mr. Archer's programme will strike a light note.

The proceedings at the annual gathering of the Manchester and Salford Caledonian Association will be relayed from the Free Trade Hall on Wednesday, November 24. They will be of a bright and cheerful nature—a strong contrast to the misty fastnesses of Caledonia at this time of the year. Founded in 1896, at which time there were 12,000 Scots householders in Manchester, the Association has continued to flourish. Its objects are to promote social and friendly intercourse between Scots, their sons, daughters, and friends, and to render assistance to Scots residing in Manchester and district in deserving cases of poverty and distress.

LEEDS-BRADFORD.

FROM 1895 to 1926 is a long time in the history of the motor-car, and there are few people in England who, like Mr. Albert House, can claim to have been driving cars continuously since 1895. Mr. House also claims the distinction of owning and driving the first motor-car in the North of England, and he will relate some of his experiences on Tuesday, November 23.

A concert, which is being held at the Alhambra Theatre, Bradford, on behalf of the National Institute for the Blind on Sunday afternoon, November 21, is to be relayed from 3 to 5 o'clock. The programme will be given by the Royal Air Force Band, conducted by Flight-Lieut. John Amers, and the vocalists will be Miss Florrie Harrison and Mr. Alec Forbes.

Puck's Girdle.

A Cornish Adventure.

THE best thing about walking tours in Cornwall, observed Helen, as we strolled into Polperro late one autumn evening, 'is that they do make you appreciate strap-hanging in the Tule when you get home. There the walking—even if it is over your feet—is done for you.'

We had just completed a round dozen of miles up hill and down dale, the last hour of our tramp being done in a warm drizzle of Cornish mist, our rucksacks felt like old men of the sea, who had grown and grown as the miles had mounted up.

Just then we sighted one of those grey old West Country hostels which in centuries past had been a regular haunt of smugglers and wreckers. How many generations of them had hatched their wicked plots in the wide hearth-place only the smoke-blackened beams could tell. The inn was kept by an ex-artificer of the Royal Navy, so the sea tradition continued, even down to the sailor's parrot—a sardonic bird, with the expressionless eye of a hardened profligate.

* * *

After an excellent supper, in which Cornish pie played a not unimportant part, we took courage enough to sally out in search of the curiosities—native and otherwise—of the little town. The tide and the fishing fleet were both out, leaving in their place, amidst the black mud of the port, a wrangling flock of gulls. This disposed of the natives; the hybrids, who spend their summer in Polperro and their winter in Chelsea, had been driven indoors by the rain, though I did catch the gaudy glimpses of a Pair Isle pull-over, and Helen thinks she heard a ukulele. Thus exhausted, our explorations came to an untimely end, and we were forced to return to the inn parlour.

'The worst part of the simple life,' Helen said, rejecting *The Stockbreeder's Journal* of 1922 for *Penny's Shilling Album* of a year later, 'is the evenings. I've got a blistered heel—let's go to bed.'

I demurred, for it was only half-past nine. Women will never become perfect wayfarers till they take to pipe-smoking. Cigarettes are all very well, but you can't smoke a cigarette and think of nothing. Complete oblivion to one's surroundings comes only to those who draw the philosophic briar. My musings were interrupted by sounds of mirth from the fog and bottle department.

Presently the door opened, and our host appeared. 'I don't know if you'd care to come through to the bar,' he began diffidently. 'There's only a few friends o' mine in there, and we've just got London. I thought that perhaps you might be feeling a bit dull like, with all this rain . . . there's a very entertaining gentleman singing now—very entertaining he is.'

Helen jumped to her feet. 'Thank you so much—I should love it.'

* * *

At eleven o'clock I drew her attention to the fact that it was closing time—that the Savoy Orpheans would soon be finishing—that anyway she had done quite enough to sit up Polperro by teaching the Charleston to the baker.

'Isn't wireless wonderful?' was Helen's irrelevant reply: 'the way it draws the whole world together, I mean. Just like Puck's girdle—only it does it in far less than forty minutes.'

E. M. W.

NOTICE TO READERS.

The Editorial address of 'The Radio Times' and of the British Broadcasting Company, Ltd., is Savoy Hill, Strand, London, W.C.2.

RATES OF SUBSCRIPTION to 'The Radio Times' (including postage): Twelve Months (Foreign), 15s. 6d. Twelve Months (British), 12s. 6d.

The Mind of the Insect.

By Professor J. Arthur Thomson.

[This is the fifth of the notable series of Talks on the 'Mind of Animals' which Professor Thomson, the famous biologist, is broadcasting to all Stations every Thursday evening from Aberdeen. These Talks are being published week by week in THE RADIO TIMES.]

AMONG higher animals, such as mammals, intelligent behaviour is as conspicuous as instinctive behaviour; but among insects, there is a dominance of instinct. Therefore it is much more difficult for us to understand a bee's behaviour than a dog's. We ourselves are children of 'intelligence,' with relatively few clean-cut instincts, and we do not feel at home among ants, bees, and wasps, which are children of instinct.

What is an instinct, or, better, what is instinctive behaviour? The trouble is that the word 'instinct' is used in five different ways, but naturalists have decided to use it to mean an inborn capacity for doing apparently clever things in a routine which does not require to be learned. Unlike intelligence, it is shared equally by all members of the species of the same age and sex; thus, all female spiders of a particular kind make equally perfect webs. There is no reason for regarding instinct as a low stage of intelligence, and there is very little reason for regarding instinctive behaviour as intelligent behaviour that has become automatic. In all likelihood Bergson is right, that instinct and intelligence are on quite different lines of evolution, not to be regarded as two successive stages.

But long before Bergson, Sir Ray Lankester drew a sharp contrast between what he called the 'little brain' and the 'big brain' type of animal, which are on lines so different that direct comparison is hardly possible. The 'big brain' type finds its finest illustrations in mammals such as dogs, cats, horses, elephants, monkeys, with relatively few instincts in the strict sense, but highly educable. The 'little brain' type has its climax in ants, bees, and wasps with a rich repertoire of ready-made accomplishments, but not strong in educability. We see, then, that insects belong to the 'little brain' type.

Do Ants Think?

Many keen-witted people brush aside with impatience the question, 'Do ants think?' How, they say, can ants be so marvellously effective if they do not think? Do not some ants keep stored grain from germinating, while others allow vetch seeds to sprout, so that a desirable fermentation sets in and the hard seed-envelopes are burst? Then they stop the sprouting by exposure to the sun; afterwards they chew the seeds and make biscuits that are stored for the evil day.

Not think, forsooth! these little people that grow moulds for food, that cultivate the rich grass they delight in, that use their larvae as animated gum-bottles for binding the leaves of the nest together with glutinous threadlets of silk, that domesticate green flies, that keep slaves, that wage wars?

Call these achievements instinctive if you like, it is said, but why not call them intelligent? The answer is manifold. Instinctive behaviour requires no learning or apprenticeship; it may be improved by practice, but it is characteristically ready-made; thus each particular species of spider makes its web true to pattern the very first time. Instinctive behaviour is shared equally by all members of the same species, of the same age and sex. It has little or none of the inequality that marks intelligent behaviour.

Again, the instinctive animal is thirled to the particular, to certain circumstances or situations that are of vital importance, and a slight disturbance of the conditions puts the whole routine awry. The Procession Caterpillars of the Riviera will continue circumambulating for days if the Italian

archin makes the head of the first touch the tail of the last. The least gleam of intelligence would break the spell in this and scores of other cases where the limitations of instinct stand in marked contrast to the relative freedom that marks intelligence, where there is some understanding of the situation.

More Reflex Than Reflective.

We draw away our finger involuntarily from a hot plate; we close our eyes when the rebounding branch is about to strike our face. These are reflex actions, depending on pre-arranged linkages between sensory nerve-cells (like Scouts), shunting nerve-cells (like General Headquarters), motor nerve-cells (like Executive Officers), and muscle-cells (like the Men who do the work). Some of the reflex actions, as in swallowing, form chains, for one pulls the trigger of its successor, and most naturalists regard instinctive behaviour as being on its physiological side a chain of reflex actions. The Yucca moth emerges from its cocoon and meets a mate in the evening air; the female flies to a Yucca flower and collects a ball of pollen which she carries on the front of her head; she seeks another blossom and lays some eggs in the seed-box; she deposits the ball of pollen on the tip of the pistil, and continues on her way.

But if there is nothing more than a long chain of reflex acts in these routine performances, there is no need at all to speak of the insect's mind. On the other hand, the more we peer into instinctive behaviour actually going on, the less possible it becomes to regard it as altogether and always automatic. In many cases we cannot make sense of it without supposing that it is suffused with awareness and backed by the bent bow of endeavour. Now and again, intelligence seems to take the reins in a manner that suggests a dim awareness all the time.

Father Wasmann inserted into an annex of an ant's nest some cocoons of another species. These were soon detected by a single worker, who ran quickly to headquarters and in less than a minute a company had turned out to deal with the abnormal situation.

Or, again, there is strong experimental evidence that ants learn their geography. They get to know their region by experience, and come to know way-posts of scent, illumination, and the shape of objects. When transported to a short distance they sometimes behave in an interesting, tentative way, suggestive of intelligence, as if they tried to appraise the relative value of different hints. When an ant has found a treasure, its socialistic disposition leads it to tell all its neighbours about it, and to lead them to the spot.

Sometimes, however, as Ford records, the way is rather intricate and the guide hesitates. It tries one way and another; its companions wait; it corrects its mistake. In this eloquent hesitation and experimentation there is, we think, more than a hint of intelligence. Turner taught an ant to lift and use a little wooden bridge to get access to its nest, which had been artificially insulated.

Many naturalists have described ants making a bridge of fragments across a strip of moist tar or some similar very discouraging obstacle. Thus, while our general conclusion is that insects are for the most part children of instinct, we are convinced that intelligence occasionally takes the reins.

A CORRECTION.

We regret that in a recent issue of *The Radio Times*, a broadcast Talk by the Editor of the *Autocar* was wrongly included in the London programme of Saturday, October 23. This Talk is to be given in the near future and the correct date will be announced in due course.

The Children's Corner.

The Share of the 'Grown-Ups.'

THE number of 'grown-ups' who are (quite properly) interested in the bringing-up of children is very large. It includes parents, other relations, day-school teachers, Sunday-school teachers, clergymen and ministers, and the representatives of an imposing assortment of organizations 'run' for the benefit of children. All these people are earnestly anxious to leave their mark on the mind, body or soul of the modern child, and to have a share in the important work of training him up in the way he should go.

Probably there is no force which has such great possibilities as broadcasting for helping on the work of the home, the school and the outside organization. In applying that force along useful lines, the thoughts, opinions and suggestions of adults who come into close and constant touch with children can be of great value.

The influence of the adult is, of course, very far-reaching in regard to children. Before the immature mind arrives at the stage of forming opinions and reaching conclusions for itself, it 'takes its colour' largely from the words and attitude of those around. That is, of course, an excellent thing if the people who are thus exercising influence are conscious of their responsibility and act wisely in regard to transmitted impressions. If they do otherwise, they may do damage, or bias the child-mind unfairly.

A known example of this occurred recently in connection with broadcasting. The father of three children had a strong prejudice against Children's Hour programmes and activities. He had little or no opportunity of investigating the aims and methods and difficulties of the organizers, and had formed his judgment on the slenderest grounds.

His children also despised the Children's Hour, and the father admitted that in this they were largely influenced by him. There came a day when he came into close contact with the 'machinery' of the Children's Hour, and, as a result, his opinions underwent a considerable change. Almost inevitably the opinions of his children changed also, and to-day there is a little group of sympathetic listeners and critics in that family where before there was little but contempt and lack of understanding.

There are lots of parents who take an interest in the programmes broadcast to their children—on it is surely their duty to do. Quite frequently the opinions of such parents reach us in the form of letters—and very welcome they are. Here are a few excerpts from such letters received recently:

'I should just like to say how we appreciate all that the Auntie and Uncle do for the youngsters.'

From beginning to end of the programme, week in and week out, there is never any tiniest thing which one would wish they had not heard. . . . One feels that the best side of everything is being put before the children and that, unconsciously, they are getting lots of good in all kinds of ways.'

'I am glad of this opportunity to thank all the Uncles and Aunties of the B.B.C. for all the delight and pleasure they have given to my daughter. She is a very delicate little girl, and so denied many of the pleasures that most children enjoy, but in the matter of wireless she can "join in," even when confined to her bed, and the delight and pleasure she has derived . . . have been a great comfort to her and to me.'

'Congratulations on the continued high standard

and excellence of the Children's Corner, and best wishes for its future success.'

'My daughter does not belong to the Radio Circle, but she would forfeit her tea rather than miss the Children's Hour.'

Letters of this kind could be duplicated almost indefinitely. Many of them are thoughtful letters which show that the parents are fully alive to the need for personal interest in the programmes transmitted to their children, and that they make a point of keeping an eye—or, more accurately, an ear—on what is being done. Letters come in quite frequently, too, from teachers, conveying not only the opinions of the children of whom they have charge, but also their own opinions. Here is a short excerpt from a long letter of this type—

'A week or two ago, I was put on a committee which is organizing a weekly club for children'

I shall have even more scope than ever for finding out what children of all ages think of the Children's Corner. Meanwhile, I still have my usual children to go to if I want information. Now that they know I like to hear their opinions, they are beginning to develop into quite critical listeners, although at the same time appreciative ones. Instead of saying "I like this," or "That



By courtesy of Associated Newspapers

WHICH IS WHICH?

When a lobster wants to grow a little bigger he sheds his old skin and appears in a fine new coat of mail a size larger than the old. In this photograph the lobster has just completed the change, and is seen calmly surveying the remnant of his former self. Mr. L. G. Mainland, of the *Daily Mail*, will tell all about this and other strange habits of the lobster in his Talk in the London and Daventry Children's Hour, on Thursday, November 18.

doesn't interest me," some of them have lately been giving reasons for liking or disliking certain items.

The correspondent then proceeds to give her own and her pupils' opinions of various items. The whole letter is extremely valuable as a guide, and we can only wish that we received more—very many more—of the same helpful kind.

It is difficult to see how the conscientious parent, or any sort of guardian of children, can escape the duty of seeing that the Children's Hour programmes are as entertaining and interesting and useful as it is humanly possible for them to be. The following suggestions may serve to indicate how this duty may be carried out.

1. That 'grown-ups' should encourage the children under their care to listen.
2. That they should encourage children to exercise the privilege of selection of items designed for, and best suited to, their age, type and inclinations.
3. That they should encourage children to express their opinions on what they hear, so that the 'articulate public' may grow steadily larger and its wishes become clearer.
4. That they themselves should listen occasionally (or often, if this is possible) and should let us have regularly their own opinions of the programmes—submitted from the point of view of suitability to children, of course.

Next Week's News

For London and Daventry Children.

AS Sunday, November 14, is the real anniversary of our 'Birthday,' and there is no Children's Hour programme that day, we are making the most of both the day before and the day after. Mrs. Mabel Marlowe, the author of 'The Wiggly Wensel' stories, has written a special birthday story all about a goose called 'Grump.' This will be told on Monday, November 15, and it is just possible that Mrs. Marlowe herself will be present in the Studio to listen to it. Uncle Rex will be there, too, to tell 'How Sir Tristram fought for the King of Cornwall,' and Auntie Sophie will, of course, be at the piano.

On Tuesday, November 16, the Loughton School Boys' Orchestra is going to broadcast for the first time. Also, the Wicked Uncle will 'lecture' on Poetry. We all feel that that means a whole lot of quotations from his own 'poetries,' but, at all events, it ought to be amusing—though probably not in the way the Wicked Uncle means it to be!

Wednesday, November 17, is Railway Day, and Mr. Cecil J. Allen is going to talk on 'Fighting Fog.' Miss Vivian Lambelot will give us some more songs, and there will also be one of Mr. H. Mortimer Batten's delightful stories. This one is about a badger and is called 'The Coming of Blairo.'

Thursday, November 18, brings two new visitors to the Corner—Miss Ernestine Heusman, who plays the piano, and Miss Olive Wright, who tells stories made up by herself. Uncle Leslie will, of course, take the 'Zoo Club,' and this time the subject will be 'Zoo Fish Stories.' Though they will be 'fishy,' he wants you to remember that on this day, as on others, his 'Zoo Stories' are true stories.

Mr. Arthur Wynn has promised to sing again on Friday, November 19, and on that day there will also be a short Radio Circle Talk, as well as a new boys' school story called 'The Great Deeds of Sandy,' written by 'Peter Martin.'

We do not yet know what kind of a competition will be held on Saturday, but it will quite possibly be a musical one, as this sort seems very popular. If time allows, there will be a short story as well.

Talking about Competitions, will the winners of the last few months please be patient a little longer in the matter of Cards? This is receiving attention, but there are certain difficulties which are causing delay.

Santa Claus at Plymouth.

Santa Claus will need a room at the Plymouth Station in which to deposit the toys and presents he is collecting for the children in the local hospitals for Christmas. He is hoping that the members of the Radio Circle and other friends will be as kind to him this year as they have been on previous occasions.

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A Breath of Fresh Air.

By A. Bonnet Laird.

THERE is more sense than you might think in that song errand boys were whistling a few years back, "Where Do Flies Go in the Winter Time?" Have you, I wonder, ever thought where ladybirds go?

A Golden Green reader (L. C. B.) found out a little while ago, for her maid, reaching up to wipe away a solid square of black dirt from the corner of a window, felt a ladybird drop on her hand—followed by several others, which she now saw were coming from the little black square.

Mistress, summoned to look at this 'school of ladybirds,' lifted the 'nest' down and found it a mass of the little creatures which, as the sunshine fell on them, stirred, moved, fell and crawled out of the window. In about twenty minutes they had all disappeared.

She was specially interested, for (as she says) 'they seem such solitary little creatures as a rule'; but what she suspected is quite true. The ladybird is one of the creatures which hibernate as perfect insects—only it is not every day that you will come upon their winter refuge.

A Story of a Worm.

We talk of a dog's life, but what about a worm's life? We know the early bird and the youthful angler get him, but my postbag this week tells of other enemies.

Backed up against an iron paling fence, a Hertfordshire reader saw a large toad. He was gradually swallowing a long worm; but, when only about a couple of inches remained to be swallowed, fell asleep. His mouth dropped open—as mouths will in sleep. Slowly the worm began crawling out, till only the tip of its tail was in the toad's mouth, when the latter opened his eyes, snapped his jaws and began re-swallowing. Once more, his meal almost over, the toad fell asleep. Once more the meal wormed its way almost to safety; till at last, after no fewer than five trips into the toad's interior, the worm did get away and was through the palings in a twinkling. That moment the toad woke, gave a big gulp, and registered an expression of disgust, when he found there was nothing to gulp, which would have made his fortune as a cinema comedian.

Starting around, he caught sight of the worm's disappearing tail and gave such a leap as wedged him tight between the palings, from which predicament my correspondent had to release him.

A Philosopher on the Vimy Ridge.

My other worm story comes from Wiltshire; but the scene was a half-dug gun-pit on the Vimy Ridge, where, resting a moment from his labours, my correspondent saw a terrific struggle between a beetle and a worm. The beetle had his enemy hooked on one claw and it was 'pull devil, pull baker' for fifteen minutes—with bets eagerly laid on the result.

The beetle at last succeeded somehow in dislodging its prey, and the gunners, as it climbed slowly away, were hoping to see the end—as arranged by the victor—when their corporal came up and, seeing what was holding up the work, deliberated both combatants by a smashing blow with the flat of his spade, saying as he did so: 'That's what you get for fighting!'

A philosopher, that corporal.

The same gunner recalls how two partridges nested not fifty yards in front of his battery position and successfully reared their young ones in spite of 'Jerry's' shells and gas, and the roar of guns above them.

(A. Bonnet Laird is sending one of his broadcast books to Mr. F. S. Jones, of 24, Euclid Street, Surinam, reader of this week's most interesting Note re vole.)

Listeners' Letters.

A Claim from Canada.

As a regular reader of *The Radio Times*, I have followed with much interest the controversy in your pages regarding the equipment of hospitals with radio receiving sets. It was my privilege to assist in fitting up a receiving outfit in one of the Red Cross hospitals in Montreal as far back as 1921. The Marconi Company in Montreal was at that time broadcasting regular programmes on a wavelength of 1,200 metres. I believe the Manitoba Provincial Government station CKY was the first to broadcast a talk by a patient lying in a hospital. If any Station was ahead of us in this, I should very much like to hear of it. The facts are briefly told in the following extract from the *Winnipeg Free Press*, dated June 14, 1926:—

'Yesterday morning (June 13, 1926) the people of Fort Rouge United Church paused to mark the first broadcasting of a church service by radio in Canada. Four men took the leading roles in the little ceremony: Rev. E. F. Church, the pastor, who preached the first radio sermon from a church in the Dominion; D. R. P. Coats, of CKY, who broadcast it; "Paddy" of the Winnipeg General Hospital, who was a listener on the occasion, and Rev. Dr. John MacLean, archivist of the Manitoba Conference of the United Church of Canada.

'Contributions were made by radio listeners for the tablet which was unveiled. The inscription on it stated, "The first Church Service Broadcast in Canada was held in this Church on Easter Sunday, 1923. Rev. E. F. Church, R.A., pastor, was the preacher, CKY operating."

—D. R. P. COATS, CKY Radio Station, Winnipeg, Canada.

A Londoner's Choice.

I WONDER how many London listeners know what their sets can really do for them. The owner of a one-valve set has very little to choose from; so, too, has a two-valve set owner, unless it is a very good circuit, but owners of three or four valves should be in a position to satisfy their needs. I find that people with good sets generally make the most complaints. I have a four-valve set, self made (Ordinary) H.F., Det., 2 L.F.

1. I can tune in all B.B.C. Main Stations when London is not working.
2. I can tune in Aberdeen with London working. (Weak.)
3. Can tune in Birmingham with London working. (Strong.)
4. Duventry, of course, is easy to get. I live within one and a quarter miles of London's transmitting aerial, and I get these results on H.F. and Det., being loud enough for 'phones.—F. DAVEN, Upper Manor Street, Chelsea, S.W.1.

A Good Idea from Dorset.

In our school here we have been taking the afternoon transmissions since September, 1924. I value these lectures because, apart from the information, the children have an opportunity of hearing well-spoken English, and this is having a good effect. I had a great difficulty in getting my children to speak out, until, after listening to the first broadcast talk we invented 'broadcasting' recitations through the chink of a partly opened door. This had a great effect, and the children passed severe criticisms on the unfortunate ones who articulated badly. This is only a tiny school of twenty-eight children of all ages, and I much appreciate the help I receive from the B.B.C. I use a three-valve set of my own with a loud speaker, and get very good results.—JOSEPHINE BOYS, R.C. School, Wool, near Wareham, Dorset.

Violinists Please Note.

SINCE my recent broadcast Talk on the violin, I have been deluged with letters from all parts. I regret it is not possible for me to reply to all these correspondents. May I, therefore, through the columns of *The Radio Times*, inform all who have written to me that I am answering as many letters as I can, but it is manifestly impossible to reply to all? At the same time, I thank all those who have written for their kind interest; it is very gratifying to find my lecture was so much appreciated.—W. H. REED, Chatsworth Road, Croydon.

REPORT ON THE NEW WAVELENGTHS.

Please fill in this Coupon on or after November 28, and return it to the British Broadcasting Company, Ltd., Saavy Hill, W.C. Envelopes should be marked WAVELENGTHS.

Date.....1926

Name of Broadcasting Station usually received.....

Your distance from Station in miles.....

Is any continuous note (heterodyne) heard in the transmission?.....

Is there any change in strength or quality since Nov. 14?.....

General Remarks.....

Signed.....

Address.....

PROGRAMMES FOR SUNDAY (November 14)

2LO. LONDON. 361.4 M.

3.30 THE BAND OF H.M. WELSH GUARDS

Directed by Lieut. ANDREW HARRIS, I.R.A.M.

WILLIAM TURNER'S LADIES' PRIZE COOR (Nottingham)

ALFREDO RODE (Violin)

EDWARD ISAACS (Pianoforte)

BAND

March, "Triumph of Right" Lassell
Ballad Rondo Suite Lupton
Chandos; Valdo Lente; Scene; Marche Ruse

3.45 CHORUS

Creation's Hymn Beethoven, arr. George Merriam

(3 parts, accompanied)

Musical When Soft Voices Die

Charles Wood

(3 parts, accompanied)

The Holly (Anglo-Saxon Folk Song)

arr. E. T. Dumas

(3 parts, unaccompanied)

3.52 EDWARD ISAACS

Sinfonia from C Minor

Partita J. S. Bach

Cesante: Train E

Major Partita

4.00 opp. BAND

Cornet Solo, "Il Bacio" Andre

(Soloist, Musician W. Elmes)

Welsh Rhapsody Davies

4.17 ALFREDO RODE

Zigeunerweisen Sarasate

The Devil Dance Bazzini

Variations on the Carnival of Venice Henselt

4.27 BAND

Selection, "Songs of the Field"

Easthope Martin

A Londonderry Air arr. Harrow

Paseo Doble, "Maya Florida"

Lyle

4.43 EDWARD ISAACS

Nostalgia Paul Fussy

Chant Polonoise, No. 5

Chopin-Liszt

Humoresque Tchaikovsky

4.52 BAND

Duet, "Lo, Here the Gentle

Lark" Bishop

(Flute, Corpl. F. C. BRIDG)

(Clarinet, Corpl. B. MANTON-MYATT)

Selection of British Sea Songs, "A Life On the Ocean"

Blindley

5.5 CHORUS

Spring, the Sweet Spring G. Oblong

(3 parts, unaccompanied)

A Grecian Landscape Cyril Jenkins

(4 parts, unaccompanied)

Absent Metcalf

(3 parts, accompanied)

5.13 BAND

Overture, "Zanetta" Auber

Selection, "Aida" Verdi

5.30-5.45 SYBIL ARUNDALE

A reading from "Gitanjali" (Song Offerings),

by RABINDRANATH TAGORE. Prose Translations

from the original Bengali

Musical by MAUD MCCARTHY

MISS SYBIL ARUNDALE is an actress of great and varied experience, who has recently made several successful ventures into management. She produced *The Wild Duck* at the Everyman Theatre, Hampstead, last year, and brought it to the St. James's Theatre—an unusual tenant for the theatre made famous by Sir George Alexander; and in general her

Indian season did much to prove that Indian popularity has waxed surprisingly little since the days when he burst upon a startled Europe as the exponent, if not altogether of a new morality, at least of a new technique. Sir Rabindranath Tagore, one of whose poems Miss Arundale is reading this afternoon, is the most notable living Indian poet, writer, and teacher. He was awarded the Nobel Prize for Literature in 1913, and his school at Santiniketan, in Bengal, has become the centre of an influence that has spread far beyond the borders of his own country.

5.6 ST. MARTIN-IN-THE-FIELDS

THE BELLS

5.15 RELIGIOUS SERVICE

Address by the Rt. Rev. the BISHOP OF KINGSTON



THE INTERIOR OF ST. MARTIN-IN-THE-FIELDS.

An interior view of London's most famous broadcasting church, showing the pulpit from which the Rev. H. R. L. Sheppard has given those broadcast addresses on Sunday evenings that have proved such an inspiration to hundreds of thousands who have never been within miles of Trafalgar Square.

5.55 The Week's Good Cause: ROYAL NATIONAL ORTHOPAEDIC HOSPITAL. Appeal by the Rt. Hon. THE LORD MAYOR OF LONDON (Sir ROWLAND BRIDGES)

THE Royal National Orthopaedic Hospital, in Great Portland Street, W.1, is designed for the treatment and cure of all crippled and deformed patients, and is further specially devoted to the care of children, who form seventy-five per cent. of those treated. The new country branch at Sharnbrook, Middlesex, alone has 118 beds for crippled children, and is used largely for the open-air treatment that has been proved an effective for these cases.

Donations should be sent to the Secretary, the Royal National Orthopaedic Hospital, 134, Great Portland Street, London, W.1.

9.0 TIME SIGNAL, GREENWICH; WEATHER FORECAST, GENERAL NEWS BULLETIN; Local Announcements

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9.15 ALBERT SANDLER

AND THE GRAND HOTEL, EASTBOURNE. ORCHESTRA, relayed from the Grand Hotel, Eastbourne

Selections from Samson and Delilah Saint-Saëns

ROY HENDERSON (Baritone)

Hey for the Town's Pastimes Beal

To the Forest Tchaikovsky

FIGARO, the famous town barber of Seville, was a creation of Beaumarchais. He appears in both this Opera of Rossini and Mozart's *Marriage of Figaro*. In this gay 'patter' song he struts about, proclaiming the delights of being trusted and looked up to by all sorts of people, especially lovers, who confide in him and ask his advice and help.

TCHAIKOVSKY imagines a traveller who gazes around him on the beauties of vale and hill and ocean, and on the glories of the heavens; with a heart full of thanksgiving he sings this benediction.

ALBERT SANDLER (Solo Violin)

Hymn to the Sun

Rimsky-Korsakov, arr. Kreisler

ROY HENDERSON

Serenade Schubert

Isabel Frank Bridge

AMONG the last pieces Schubert wrote is this *Serenade*, one of the two or three best-loved tunes among all his six hundred odd songs. Its mood is struck in the lover's fervent opening words (of which translations differ slightly): 'My songs, gently entreating, plead with thee to come to me in this silent grove.'

ORCHESTRA

Hungarian Rhapsody Liszt

Largo Handel

LISET was a great lover of the music of the gipsies of Hungary, and made a number of their tunes into Rhapsodies—a term he used, so he said, because he felt that it best expressed the epic element in the gipsies' performances. In his book *The Gipsies and their Music in Hungary* he gives a stirring account of such performances. Most of his twenty Rhapsodies were composed on his return in 1839 from a tour abroad, on which occasion a sword of honour was presented to him by Hungarian nobles. They were Piano solos, and Liszt later arranged some for Piano duets, and orchestrated a few.

HANDEL'S *Largo* comes from an Opera which he wrote in great haste in 1735 when, after some disastrous experiences in the business side of operatic production, he thought he saw a chance of greater success (which unfortunately did not immediately come to him). For *Xerxes* and one other Opera, together with a third made up from earlier works, he got £1,000.

10.30 EPILOGUE

5XX DAVENTRY. 1,500 M.

10.30 a.m. TIME SIGNAL, WEATHER FORECAST

3.30-5.30 S.B. from London

8.0 S.B. from London

9.10 Shipping Forecast

9.15 S.B. from London

10.30-11.0 THE SILENT FELLOWSHIP. S.B. from Cardiff

PROGRAMMES FOR SUNDAY (November 14)

5IT BIRMINGHAM. 491.8 M.

3.30 SYMPHONY CONCERT

THE STATION ORCHESTRA, conducted by JOSEPH LEWIS

Overture to 'St. Paul' Mendelssohn

WHEN *St. Paul* was first produced at Düsseldorf some ninety years ago, England, the country of choral singing, was not slow to note its success. Manchester wanted to give some of it at a Festival, within two months of its first German performance, but that project seems to have failed. Still, only five months passed before the work was heard as a whole at Liverpool, in St. Peter's Church.

GLADYS PALMER (Contralto)

Chief Wagner

A Dream Grieg

The Almighty Schubert

MINNIE HAMBLETT (Pianoforte) and Orchestra

Rhapsody on Airs from The Ukraine (for Piano-forte and Orchestra) Liszt

GLADYS PALMER

The Cradle of the Living God Stewart

Surely the Time for Making Songs Has Come Rogers

Seated Stanford

The Five of Turf Stanford

ORCHESTRA

Symphony, No. 15, in B Flat, 'The Queen of France' Haydn

IN 1725 a series of Sunday concerts was started in Paris. They were named 'Concerts Spirituels,' and for these Haydn wrote, between 1784 and 1786, a dozen Symphonies.

MINNIE HAMBLETT

Sevilla Albeniz

Humoresque Regnier

Minstrels Debussy

Prelude (in Seven-Eight Time) Currier

Prelude and Toccata Pich-Munpingulli

ORCHESTRA

Suite, 'Norwegian Dances,' Op. 35 Grieg

5.30-5.45 S.B. from London

8.0 THE CATHEDRAL BELLS

RELIGIOUS SERVICE

Conducted by Canon J. B. FEIST (of All Saints' Church, Leamington)

Relayed from the CATHEDRAL, BIRMINGHAM

8.55-10.30 S.B. from London (9.18 Local News)

6BM BOURNEMOUTH 306.1 M.

3.30 SYMPHONY CONCERT

THE STATION SYMPHONY ORCHESTRA, conducted by CAPT. W. A. FEATHERSTONE

Overture, 'The Merry Wives of Windsor' Nicolson

3.40 DALE SMITH (Baritone) with Orchestra

Lord God of Abraham Mendelssohn

It is Enough (Elijah) Mendelssohn

A HAD and his people have followed false gods. Elijah challenges them to put their gods to the proof. 'Select and slay a bullock, and put no fire under it,' he proposes; 'uplift your voices, and call the god ye worship; and I will call on the Lord Jehovah, and the god who by his shall answer, let him be God.' The Priests agree, and vainly call upon Baal to show his power. Then Elijah utters this prayer: 'Lord God of Abraham, Isaac and Israel, this day let it be known that Thou art God, and I am Thy servant; and show these people that Thou art Lord God, and let their hearts again be turned.' In the other air we find the prophet in a mood of depression. Jezebel is plotting to kill him, and he has fled to the wilderness. He desires to live no longer, for his days seem to him useless. 'The children of Israel have contemned the altar of God, and slain His prophets. I, even I, only am left,' he cries, 'and they seek my life to take it away.'

3.50 MAY BLYTH (Soprano) with Orchestra

Air de Lin (L'Enfant Prodigue) Debussy

Elizabeth's Greeting (Tannhäuser) Wagner

4.0 NORA BRADBURY (Pianoforte) with Orchestra

First Pianoforte Concerto in G Minor Mendelssohn

THIS Concerto was written soon after Mendelssohn came home from his Italian and Swiss tour in 1841, when he was twenty-two.

His travels had delighted him, and this work seems to be an expression of his high spirits, his gusto in enjoying the pleasures that life was bringing him.

There are three Movements.

I. Very quick, *fiery*. Instead of giving us the time-honoured 'opening remarks' of the Orchestra, introducing the themes to be created, Mendelssohn, after only seven bars, plunges straight away into his First Main Tune, which the Piano has by itself.

The soloist and orchestra for a while toot a conversational ball to and fro, and then the quiet Second Main Tune creeps in.

These tunes are developed in vigorous fashion, and after their recapitulation, a Trumpet and Horn passage leads us to a new key for the next Movement which follows without a break.

II. *Slower*. One Main Tune, expressive and restful, suffices here. It is given out by the Cello, to which Mendelssohn was fond of giving themes. Other Strings, with Bassoons and Horns, accompany it. The Movement consists of delicate, varied repetitions of this, by either the soloist or the orchestra.

III. A short introductory section, *Very Quiet*, leads to the brilliant First Main Tune, a gallop for the Piano. Here is the essence of youthful vivacity, that in Mendelssohn was never tinged with vulgarity, but always had in it something lightest and urbane.

After the opening Tune comes a second idea, a cornucopia of arpeggios, much used throughout the Movement.

A third motive is a phrase for Flutes, consisting of a repeated four-note figure, the second note trilled.

Using these materials with brilliant spontaneity and handling his orchestra (especially the Woodwind) with delightful ease and certainty, Mendelssohn works up the Movement, rounding it off with a final irresistible outburst.

4.25 DALE SMITH with Piano

Deb, Deb Dove (Sixteenth Century)

..... Cecchi, arr. H. Bedford

Ye Virgin Powers Michells, arr. O. Moss

By a Bier Side Armstrong Gibbs

My Little Pretty One Ian Montrose

4.35 ORCHESTRA

Mozartiana Tchaikovsky

4.50 MAY BLYTH

Lullaby (from Drina and Cassandra)

..... Arthur Sandford

Love, I have won You London Ronald

Do not Go, My Love Hayemann

5.0 ORCHESTRA

Symphony in E Flat Mozart

5.30-5.45 S.B. from London

6.0 ST. MARTIN-IN-THE-FIELDS, S.B. from London

8.55 THE WEEK'S GOOD CAUSE: 'An Appeal on behalf of the Bournemouth Disabled Sailors' and Soldiers' Workshops, by Major-Gen. Sir HARRY BROOKING, R.C.B. R.C.S.I.

9.0 WEATHER FORECAST, NEWS; Local News

9.15-10.30 S.B. from London



Miss NORA BRADBURY,

who plays, with the Orchestra, Mendelssohn's First Pianoforte Concerto in G Minor, from Bournemouth at four o'clock.



Mr. GEOFFREY DAMS,

tenor, is the solo singer in the Band Concert that Cardiff Station is giving this afternoon at 3.30.



Miss MINNIE HAMBLETT

plays a pianoforte solo with the Orchestra, and several other items, in the Symphony Concert from Birmingham at 3.30.

PROGRAMMES FOR SUNDAY (November 14)

5WA CARDIFF. I.M.
3.30 A BAND CONCERT
THE BAND OF THE 3RD BN. THE WELSH REGIMENT

(By kind permission of Lieut.-Col. T. G. Mathias, D.S.O., and Officers)

Bandmaster, C. L. WARD

Hymn, 'Aberystwyth' (A. and M., No. 193)

 Overture, 'Savonar' *Ericks*

 Xylophone Solo, 'Tarentella de Concert' *Grossaccol*
GEOFFREY DAVIS (Tenor)

 A Sea Dargo *Dunhill*

 The Fiddler *Peterkin*

 Yarmouth Fair *Peter Warlock*
BAND

 Selection, 'Gounod's Airs' *arr. Godfrey*
GEOFFREY DAVIS

 Adelaide *Beethoven*
COME time after Adelaide was published

Beethoven wrote to the poet Matthäson

(the author of the words) sending him a copy of the song, and speaking of his setting of the

'heavenly' words as 'something which came

GEOFFREY DAVIS
 Songs of the Hebrides, M. Kennedy, Fraser
 The Island Herdsmaid; The Gail Galle; An
 Island Sheeling Song

5.5 BAND

 Selection of Welsh Airs *arr. Godfrey*

 Regimental Marches *Traditional*
 Land of My Fathers; The Lincolnshire Poacher;

Ap Shenkin; God Save the King.

6.30-5.45 S.B. from London.
6.30-8.0 RELIGIOUS SERVICE

 elayed from the United Methodist Church,
 Cardiff.

 Opening Voluntary: 'Rumance' (Walling).
 Organist, J. E. DRAGON

 Hymn, 'In Thy Name, O Lord, Assembling'
 (United Methodist Hymnal, No. 249)

 Prayer: The Lord's Prayer intoned
 Hymn, 'Crown Him with Many Crowns' (United

Methodist Hymnal, No. 128)

First Lesson

Cant, Psalm 8

Hymn Anthem, 'Sing Alleluia Forth' Thomas

 Hymn, 'We Bless Thee, Lord, for All This
 Common Life' (No. 511)

Second Lesson

Solo Violin, 'Benedictus' (Mackenzie). Violinist,

III. Scandinavian:

 Punk *Grieg*

 Hammer's Eve *Palmgren*

 Spring's Arrival *Stinding*

 Caprice *Nielius*

 Romance *Nielius*
SONUS OF 'WAX EAST' by NORMAN PARKER

(Bass-Baritone)

I. A Dream of Egypt:

 Beside the Lonely Nile *Any*

 Within the Sphinx's Solen Shade *Woodforde*

 Pomegranate Is Your Mouth *Finden*

 I Envy Every Circle *Finden*

 I Awakened When the Moon *Finden*
II. Indian Love Lyrics:

 The Temple Bells *Any*

 Less Than the Dust *Woodforde*

 Kashmir Song *Finden*

 Tell I Wake *Finden*
MELODIES GRAY AND GAY, by KATHLEEN
MOORHOUSE (Solo Cello)

Adagio and Allegro from Sonata in A Major

 Liebeslied *Boccherini*

 Waltz in A Major *Kreutzer*

 Minuet *Beethoven*

 Berceuse *Arnold*

MANCHESTER'S FOUR SPECIAL RECITALS

These are the artists who are giving the four special recitals from Manchester this afternoon, starting at 3.30. From left to right: Mr. Harold Brewerton (solo pianoforte), Mr. Norris Parker (bass-baritone), Miss Kathleen Moorhouse (cello), and Mr. Harry Mortimer (clarinet).

so warmly from my heart. Its composition clearly gave him keen pleasure, probably because the poem expressed so well the romantic, almost sentimental side of his nature in the early years of manhood.

The friend of Adelaide wanders lonely among the beauties of Nature, in which every object reminds him of the absent one. He sees her face in evening clouds, in starlit night. The breezes whisper her name; he hears it in the rustling of the grass and the song of the birds.

The climax of the song comes as with a change of emotion he exclaims: "See, on my grave there blooms a flower from the ashes of my heart; on every purple knoll gleams 'Adelaide'."

4.20 THE GWALIA QUARTET: MARIAN KEMPTON, LOTTIE WAKELIN, DAVID THOMAS and TALBOT THOMAS

 Safely o'er the Mountain's Brow *Song*
 Fairest Maiden, wilt thou Marry Me? *Cycle*
 Ring Out a Merry Lay *Dorothy's*
 On both be now the Blessing *Wedding*
 All the Bells are ringing a Chime *Day*
 *Lane Wilson*

 In England, Merrie England *Edward German*
BAND

 Marche Militaire *Gounod*

 Largo *Handel*
 Overture, 'Tannhäuser' *Wagner*
WINIFRED WARE
 Hymn, 'Love Divine, All Loves Excelling' (No. 462)

Sermon by the Rev. A. H. NICHOLAS, Cardiff

Hymn, 'The Sabbath Day has Reached its Close' (No. 253)

Benediction, Vesper, Closing Voluntary, 'Postlude in D'

8.55 S.B. from London (9.10 Local News)
10.30-11.0 THE SILENT FELLOWSHIP
2ZY MANCHESTER. 394.6 M.
3.30 FOUR SPECIAL RECITALS

MODERN PICTORIAL MINIATURES by HAROLD BREWERTON (Solo Pianoforte)

I. French:

 Come Under the Wild Olive Tree, *Reynaldo*
 That I May Tell You Something *Hahn*
 What Alois Said to the Fair Imogen *Hahn*
 Rovers at Night on the Bosphorus *Debussy*
 Gollywog's Cake Walk *Debussy*
II. Russian:

 The Little Witch Roams the Forest *Rabikoff*
 The Fairy *Rabikoff*
 Baba Laya (Russian Witch) Rides Thro' the Air *Telepneva*

 Alla Minoretto *Thomas Dunhill*
 Alla Bourrée *Popper*
 Chanson Villageoise *Popper*
FROM MOZART TO BRAHMS, by HARRY MORTIMER

(Solo Clarinet)

 Adagio from Concerto *Mozart*
 Romance *Weber*
 Fantasiestücke *Schumann*
 Vivace from Sonata in F Minor *Brahms*
ONLY a few months before his death Mozart wrote a Concerto for his friend Stadler, a fine player of the Clarinet, for whom, two years before, he had written a Quintet having a prominent part for his instrument.

The Slow Movement from the Concerto begins with a delightful singing melody. In a short riddle section, introducing varied matter, the Solo instrument begins to add some graceful decoration to the melodic outline, and this artistic elaboration is continued when the original theme is resumed.

5.15-5.45 S.B. from London
8.0 ST. MARTIN-IN-THE-FIELDS, S.B. from London
8.55 THE WEEK'S GOOD CAVES, S.B. from London
9.0 WEATHER FORECAST, NEWS; Local News
9.15-10.30 S.B. from London

(Continued on page 406.)

Programmes for Monday.

(Continued from page 405)

5SX SWANSEA 288.5 M.

4.0 THE CASTLE CINEMA ORCHESTRA AND ORGAN
Music relayed from the Castle Cinema

5.0 Mr J. C. Griffith-Jones Meadows of
Fugland Shaving in the Rain

5.15

6.0 J. A. M. LARRY (Entertainer at the Piano)

6.30 S.B. from London

7.30 S.B. from Cardiff

8.30 11.0 S.B. from London 10.10 Local News

Northern Programmes.

5NO NEWCASTLE 312.5 M.

3.30 5.45 S.B. from London 9.10 Local News
8.0 10.30

5NC GLASGOW 405.4 M.

4.0 S.B. from London 8.55 10.30 S.B. from London 9.10 Local News

5BD ABERDEEN 491.8 M.

3.30 5.45 S.B. from London 9.10 Local News
8.0 10.30

5BF BELFAST 326.1 M.

3.30 5.45 S.B. from London 9.10 Local News
8.0 10.30

5DE DUNDEE 288.5 M.

3.30 5.45 S.B. from London 9.10 Local News
8.0 10.30

5EH EDINBURGH 288.5 M.

3.30 5.45 S.B. from London 9.10 Local News
8.0 10.30

6KH HULL 288.5 M.

3.30 5.45 S.B. from London 9.10 Local News
8.0 10.30

2LS LEEDS-BRADFORD 287 M.

3.30 5.45 S.B. from London 9.10 Local News
8.0 10.30

6LV LIVERPOOL 288.5 M.

3.30 5.45 S.B. from London 9.10 Local News
8.0 10.30

8.55 10.30 S.B. from London 9.10 Local News

9.0 10.30 S.B. from London 9.10 Local News

5NG NOTTINGHAM 288.5 M.

3.30 5.45 S.B. from London 9.10 Local News
8.0 10.30

5PY PLYMOUTH 288.5 M.

3.30 5.45 S.B. from London 9.10 Local News
8.0 10.30

6FL SHEFFIELD 288.5 M.

3.30 5.45 S.B. from London 9.10 Local News
8.0 10.30

6ST STOKE 288.5 M.

3.30 5.45 S.B. from London 9.10 Local News
8.0 10.30

8.0 THE BELLS OF ST. MARTIN IN THE FIELDS
S.B. from London

8.15 10.30 S.B. from London 9.10 Local News

5SX SWANSEA 288.5 M.

3.30 5.45 S.B. from London 9.10 Local News
8.0 10.30

8.0 REFUGES SURVIVE relayed from St
Mary's Parish Church

Address by the Rev. G. W. ...
Wesleyan Church)

Organ Music

8.55 S.B. from London 9.10 Local News

10.30 11.0 THE SIXTH FELLOWSHIP S.B. from
London

Northern Programmes.

5NO NEWCASTLE 312.5 M.

3.30 5.45 S.B. from London 9.10 Local News
8.0 10.30

5SC GLASGOW 405.4 M.

3.30 5.45 S.B. from London 9.10 Local News
8.0 10.30

5BD ABERDEEN 491.8 M.

3.30 5.45 S.B. from London 9.10 Local News
8.0 10.30

5BF BELFAST 326.1 M.

3.30 5.45 S.B. from London 9.10 Local News
8.0 10.30

8.55 10.30 S.B. from London 9.10 Local News

9.0 10.30 S.B. from London 9.10 Local News

5DE DUNDEE 288.5 M.

3.30 5.45 S.B. from London 9.10 Local News
8.0 10.30

5EH EDINBURGH 288.5 M.

3.30 5.45 S.B. from London 9.10 Local News
8.0 10.30

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3.30 5.45 S.B. from London 9.10 Local News
8.0 10.30

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S.B. from London

8.15 10.30 S.B. from London 9.10 Local News

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3.30 5.45 S.B. from London 9.10 Local News
8.0 10.30

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Mary's Parish Church

Address by the Rev. G. W. ...
Wesleyan Church)

Organ Music

8.55 S.B. from London 9.10 Local News

10.30 11.0 THE SIXTH FELLOWSHIP S.B. from
London

QUESTIONS ABOUT LICENCES.

Many listeners address questions regarding their licences to the British Broadcasting Company. The Post Office authorities have requested that all such enquiries be referred to them for answer. In future, therefore, listeners who have questions to ask on the subject of licences will save time if they send their enquiries direct to the Secretary, General Post Office, London, E.C.1.

PROGRAMMES FOR TUESDAY (November 16)

2LO LONDON. 361.4 M.

- 10.20 THE LONDON RADIO DANCE BAND, from the Marle Arch Pavilion
- 10.30 THE LONDON RADIO DANCE BAND, from the Marle Arch Pavilion
- 4.0 TIME SIGNAL, GREENWICH. Afternoon Topics: Topical Talk
- 4.15 WILLIAM HENDERSON'S MARBLE ARCH PAVILION ORCHESTRA, from the Marle Arch Pavilion
- 5.15 THE CHILDREN'S HOUR: Selections by the Loughton School Boys' Orchestra. The Wicket Circle will lecture on Poetry
- 6.0 DANCE MUSIC. THE LONDON RADIO DANCE BAND, directed by SIDNEY FORD.



A BLIND WORKER'S DAY

Miss Dorothy Vaughan, one of the blind gardeners from Rosedale House, Fimble, describes My Day's Work to-night. [London 7.40]

- 6.45 League of Mercy Programme by Lady Tuck, Mrs. ALICE DELAVIA, and Mr. GEORGE QUINN
- 7.0 TIME SIGNAL, BIG BEN. WEATHER FORECAST, SECOND GENERAL NEWS BULLETIN. Mr. W. F. BLANCHER, Spanish Talk. S.B. from Manchester
- 7.30 app. Musical Interlude
- 7.40 A BLIND GIRL WORKS: 'My Day's Work'
- 8.0 THE VICTOR OLOF SEKTET
- Handel in the Strand ... Grainger
Scherzando ... Schubert
Tango ... Albert
The Last Man in ...

- 8.20 THE LAST MAN IN
- A Drama in One Act by W. E. MAXWELL, Presented by R. E. JEFFREY
- Mr. Bulet (an Old Customer of the Inn) ... PHILIP WARD
Mrs. Judd (the Innkeeper's Wife) ... FLORENCE WOOD
Mr. Judd (the Innkeeper) ... J. H. BERT LEMLEY
A Customer ... F. R. ...
Other Customers ... E. NEST ...
The Last Man In ... RALPH DE ROHAN
The Doctor ... WILLIAM MACHEADY
- The play is a winter's evening. In the common parlour of a small inn, a poor street in a country town, Mrs. Judd, a respectable-looking woman of about sixty, sits

in the room with a work basket and a pile of stockings, and she is humming.

The adjoining tap-room is full of the usual evening visitors. Mr. Bulet is ...

- 8.45 THE VICTOR OLOF SEKTET
- A ... M. ... Cyril Scott
A ... Dore in A Major ... Georg
Pav ... (Nails) ... Denis

- 9.0 CABARET CALLING
- Hughes' Boat of Brightness
Book and Lyrics by OSCAR M. SHERIDAN
Music by ... W. DAVID
Written specially for B.B.C. Transmission
Artists will include
FLORENCE QUINN and EDDIE MOUNTY
- 9.30 Sir H. WALKER DAVIES, Mus. Doc., 'Music and the Ordinary Listener'

- 10.0 TIME SIGNAL, GREENWICH. WEATHER FORECAST, SECOND GENERAL NEWS BULLETIN. Local ...

- 10.15 SONG RECITAL
- by ...
The Sweet Little Girl that I Love
Old England ...
So We'll Go No More A-Roving ...
Murmuring Herbs ...
- 10.30 12.0 DANCE MUSIC. JEAN LENSEN & TWO'S CLUB BAND, from City of ...

SXX DAVENTRY. 1,600 M.

- 10.30 app. Time Signal Weather Forecast
- 11.0-1.0 THE LONDON RADIO DANCE BAND, and ...
SMITH (English Concertina Soloist). B. SPRIGGS (Entertainer at the Piano)

- 10.20 S.B. from London
- 10.30

- 8.0 WELSH PROGRAMME
- Half an hour of ...
J. E. JONES (Fiddle Song) and NANCY RICHARDS (Harpist)
J. E. JONES
Mab y Mynydd
NANCY RICHARDS
Traditional Welsh Airs
J. E. JONES
Y Stryd
Heidi W.
Y Stryd

- 8.30 'TOP OF THE TIE'
- A Welsh Play in One Act, by J. O. ...
Presented by R. E. JEFFREY
- Rees Morgan, a Welsh Fisherman
Kath Morgan ...
A ...
The Singer of the Past
- The action of the play takes place on the ...
The scene is a room ...
The play is a winter's evening. In the common parlour of a small inn, a poor street in a country town, Mrs. Judd, a respectable-looking woman of about sixty, sits
- 9.0 S.B. from London
- 10.15 Sleeping Forenet
- 10.15 12.0 S.B. from London

5IT BIRMINGHAM. 491.8 M

- 3.45 ...
4.15 LOVELL'S PICTURE HOUSE ORCHESTRA
- 4.45 AFTERNOON TOPICS: Mr. W. ARTHUR SUMMERS, 'The Ideal Love Letter' MARGARET DAVIS (Conductor)
- 5.15 THE CHILDREN'S HOUR
- 6.0 HAROLD TURLEY'S ORCHESTRA, relayed from Prince's Cafe
- 7.0 WEATHER FORECAST, NEWS Mr. W. F. BLANCHER, Spanish Talk S.B. from Manchester
- 7.30 app. S.B. from London



Mr. LEONARD COWINGS,

the tenor singer, is to give a Song Recital from London Station between 10.15 and 10.30 to-night.

- 7.40 Mr. H. ALDRIDGE, 'Life Assurance 2 Provision for Dependents'
- 8.0 LIGHT INTERLUDE
- JOHN ROBERT (Light Baritone)
BEN LAWIE (Entertainer)
- 8.20 'THE BLUE PENGUIN'
- by Harold Simpson and Geoffrey Tompset
Presented by R. E. JEFFREY

THIS is the story of a weird prophecy unfolded in a country inn during an evening of wild storm outside and even wilder mental storms within. As the action of the play develops, the listener is almost convinced on two or three occasions that he is about to hear the end of this prophecy. Tragic fulfilment does, in fact, constitute the climax, but its occurrence is ...

Character ...
Mary Fletcher ... MARGARET GARRIN
Jasper Fletcher (Her Husband, Owner of the Inn and Farm) ... HENRY OGDON
David Fletcher (Jasper's Brother) ...
Jacob (Potman at the Inn) ... FRED GROVE

ON a stormy winter's evening in the kitchen of a little country inn, 'The Blue Penguin,' Jacob, the old potman, is seated on a settle muttering to himself and gazing into a fire which is burning on a large open fireplace. Through a long, low lattice window at the back of the room, the corner of the porch can be seen

(November 16)

10 30 12.0 DANC' MENS' T. R. L. < 10 30 12.0
 10 30 12.0 DANC' MENS' T. R. L. < 10 30 12.0
 10 30 12.0 DANC' MENS' T. R. L. < 10 30 12.0

PROGRAMMES FOR TUESDAY (November 16)

6KH HULL 288.5 M. 6LV LIVERPOOL 288.5 M.

- 4.0 AFTERNOON TOPICS: Mrs. M. H. BARRY
 4.15 P. M. H. BARRY, Spanish Talk S.B. from
 5.15 THE CHILDREN'S HOUR
 6.0 Legal Misc.
 6.30 S.B. from London
 7.0 WEATHER FORECAST, NEWS
 Mr W. F. H. BARRY, Spanish Talk S.B. from
 7.30 app. S.B. from London



Mr. WILFRED HUDSON
 sings some of Dibdin's songs in the special
 Dibdin programme that is being given by
 Leeds-Bradford at 8.1.

- 4.0 AFTERNOON TOPICS: Mrs. M. H. BARRY
 4.15 P. M. H. BARRY, Spanish Talk S.B. from
 5.15 THE CHILDREN'S HOUR
 6.0 THE STATION PIANOFORTE QUARTET
 6.30 S.B. from Manchester
 7.0 WEATHER FORECAST, NEWS
 Mr DAVID WRAY, How do Strength and Will
 Power and Memory



KNARESBOROUGH CASTLE
 A corner of the old castle which has just been
 excavated. Leeds-Bradford listeners will hear
 a Talk on this subject to-night at 7.40

- 4.0 AFTERNOON TOPICS: Mrs. M. H. BARRY
 4.15 P. M. H. BARRY, Spanish Talk S.B. from
 5.15 THE CHILDREN'S HOUR
 6.0 THE STATION PIANOFORTE QUARTET
 6.30 S.B. from Manchester
 7.0 WEATHER FORECAST, NEWS
 Mr DAVID WRAY, How do Strength and Will
 Power and Memory



Mr. STEPHAN C. BARBER
 gives the Talk on the Knaresborough Castle
 excavations from the Leeds-Bradford Studio
 to-night at 7.40

- 7.40 Daring Deeds Described: 'More Thrills' by
 a Professional Diver and Swimmer
 8.0 12.0 S.B. from London (10.10 Local News)

2LS LEEDS-BRADFORD. 297 M. & 214.1 M

- 4.0 SCOTLAND'S CAST ORCHESTRA, relayed from
 Scotland's Cast, Leeds
 5.0 AFTERNOON TOPICS: Mrs. M. H. BARRY
 5.15 THE CHILDREN'S HOUR
 6.0 THE STATION TALK
 7.0 WEATHER FORECAST, NEWS
 Mr W. F. H. BARRY, Spanish Talk S.B. from
 7.30 app. S.B. from London
 7.40 Mr. STEPHAN C. BARBER, The Knaresborough
 Castle
 8.0 CHARLES LORAIN, the famous London
 His Songs in reduced
 With Pianoforte Accompaniment by PIERRE
 JONSON
 Song by WILFRED HUDSON
 8.45 ROBERT STURTEVANT and OLIVIA SKYMOOR
 in Song and Life of Comedy
 9.30 12.0 S.B. from London (10.10 Local News)

- 7.30 app. S.B. from London

- 8.0 LENA STRANDY and FLORENCE ROYCE
 In a Short Violin and Pianoforte Recital
 Air on G String Back
 Capriccio Borasole
 Schönschön Kreidler
 Valse Drdin
 Lullaby Haydn Wood
 8.20 BILLY BARNES (Entertainer at the Piano)
 A.B.C. R. Frankau
 Wondering Barnes
 Mary Rford

- 8.30 'OP O' ME THUMB'
 A Play in One Act by Frederick Fenn and
 Presented by EDWARD P. GLEN
 Played by THE LIVERPOOL BALLET FLAVORS
 Madame Jean Marie Nardone de Gouffier Dubet
 Chen (Mrs.) Galloway MARY RUTHERFORD
 Rose Jordan MARVEL HILTON
 Amanda Afflick Mrs. FRED WALKERSON
 Howard Greenworth WALTER S. ON

This clever study of London life was first
 produced in 1904 by the Stage Society
 and afterwards by Sir George Alexander. The
 principal part, 'Amanda Afflick,' was created
 by Miss Hilda Truvelyan, who has played it with
 great success all over England
 The scene is laid in Mrs. Afflick's laundry in
 Soho, and the characterization of the Cockney

5NG NOTTINGHAM. 288.5 M

- 11.30 12.30 Morning Concert relayed from Daven-
 try
 3.45 LYONS' CAPS ORCHESTRA, conducted by
 BRASKEY LYTTON
 4.45 MUSIC AND AFTERNOON TOPICS: Mrs.
 WEDDER, 'A Galloway Village'
 5.15 THE CHILDREN'S HOUR
 6.15 Boys' Brigade Bulletin
 6.30 S.B. from London
 7.0 WEATHER FORECAST, NEWS
 Mr W. F. H. BARRY, Spanish Talk S.B. from
 7.30 app. S.B. from London
 7.40 Prof. R. M. HEWITT, 'The Lighter Muse—
 Epigrams'
 8.0 12.0 S.B. from London (10.10 Local News)

5PY PLYMOUTH. 288.5 M

- 11.30 12.0 GEORGE L. T. and his QUARTET, relayed
 from Popham's Restaurant
 3.30 ORCHESTRA, relayed from Popham's Restau-
 rant

PROGRAMMES FOR TUESDAY (November 16)

4.0 AFTERNOON TOPICS M. C. J. PATTEN, 'Some Old London Churches'

4.15 Tea Time Music THE ROYAL HOTEL TRIO, directed by ALBERT FULLERBOOK

5.15 THE CHILDREN'S HOUR

6.0 For School

6.15 Light Music

6.30 S.B. from London

7.0 WEATHER FORECAST NEWS
Mr W F BLETCHER, Spanish Talk S.B. from Manchester

7.30 app. S.B. from London

7.40 Mr H C. L. JOHNS, 'Queer Foods'

8.0 12.0 S.B. from London 10.10 Local News

6FL SHEFFIELD. 288.5 M.

4.0 AFTERNOON TOPICS Mrs C J PATTEN, 'Some Primitive Customs Still Existing in County Kerry'

4.15 WILLIAM HODGSON'S MANHILL ARCH PAVILION ORCHESTRA London Programme relayed from 12.10

5.15 THE CHILDREN'S HOUR

6.0 Music at Inter-ads

6.30 S.B. from London

7.0 WEATHER FORECAST NEWS
Mr W F BLETCHER, Spanish Talk S.B. from Manchester

7.30 app. S.B. from London

7.40 The Abbey, Its Situation, Extent and Occupants

8.0 VICE VERSA

An Entertainment in celebration of the Third Anniversary of the Sheffield Station's Birthday with the Station Staff as Artists and a New Announcer, who has never announced before, and is of likely to announce again.

The Station Director (Mr T H HOWARD) will give a short review of the last year's activities at the Sheffield Station

8.10 EDWARD ROBERTS (Baritone)
M. C. J. PATTEN (with Violin obligato), P. Effort, The Wheel Tapper's Song ... Wolsey Charles

8.15 The World's Greetings to Sheffield—An Cyclotron permitting

8.23 HOMAGE TO AUSTRALIA-JACOBS (Violin)
Liebecked ... For. A. L.

8.30 'THE ALTERNATIVE'
An Lanthanorodex Drama with No Moral Characters
Mr. Duff Emitter
Mrs. Duff Emitter (Only More So)
George I. Frequency (Her Lover)
Stal (the Butler)
Mud Pictary: There are ...

8.42 THE LORD MAYOR OF SHEFFIELD ... Mr J. G. CHAVEN

8.55 WIN ANSON (Entertainer)
Foolish Questions ... W. Lee

9.0 THE ENGINEER-IN-CHARGE (Mr A. Birch)
will give a Short Review of the Station's Work

9.10 HILDA FRANCIS (Pianoforte)
Shepherd Fennel's Dance ... B. Balfour Gardiner

9.15 Answers to Correspondents by 'STATLESS STEPHEN'

9.21 Two 1936 Model Children Visit the Studio
to the Sorrow of A little Joy

9.25 WAL HANLEY (Entertainer)
Putted (Geography) ... Pounds

9.30-12.0 S.B. from London 10.10 Local News

6ST STOKE 288.5 M.

12.0 1.0 The Station Quartet

4.0 THE ARCADIAN DANCE ORCHESTRA, directed by W. C. J. PATTEN

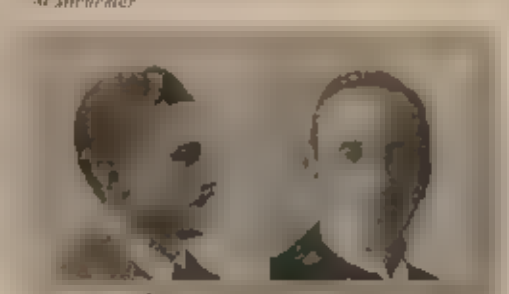
5.0 AFTERNOON TOPICS A Little Discussion on the Gentle Art of Borrowing: A Dialogue by JEAN WHITFORD. Parts by J. C. CLARKE and B. PATTEN

5.15 THE CHILDREN'S HOUR 'William's First Day' from William the Fourth, by J. C. CLARKE and B. PATTEN

6.0 DANCE MUSIC

6.30 S.B. from London

7.0 WEATHER FORECAST NEWS
Mr W F BLETCHER, Spanish Talk S.B. from Manchester



Mr. H. C. L. Johns, who talks on 'Queer Foods' Plymouth 7.40, and Mr Sam Smith the Lancashire dialect entertainer, who will be heard by Manchester listeners at 4 o'clock

7.30 app. S.B. from London

7.40 Mr A. DAIN, 'Pottery Series (2) Raw Materials'

8.0 12.0 S.B. from London 10.10 Local News

5SX SWANSEA. 288.5 M.

11.30 12.30 Gramophone Record

4.0 THE CASTLE (LYRA ORCHESTRA and ORGAN MUSIC), relayed from the Castle Cinema

4.30 THE STATION TRIO T. D. JONES (Piano) M. C. J. PATTEN (Violin) W. C. J. PATTEN (Voice)

5.15 THE CHILDREN'S HOUR

6.0 ORGAN RECITAL relayed from St Mary's Church, Swansea. Organist, A. CYRIL BATHAM, F.R.C.

SCHUBERT (1797-1828)
Marche Valse in D Major
Eroica Sérénade The Sunset Glow
Moment Musical in F Minor
Valse from Rowanunda
Grande Marche Héroïque

6.30 S.B. from London

7.0 WEATHER FORECAST NEWS
Mr W F BLETCHER, Spanish Talk S.B. from Manchester

7.30 app. S.B. from London

7.40 Mr GUNTER JONES A Dramatic Presentation from the Life of John Morgan

8.0 12.0 S.B. from London (10.10 Local News)

Northern Programmes.

5NO NEWCASTLE. 312.5 M.

11.30 12.30—Charles Nairn ...
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Manchester 7.40 app. ...
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5SC GLASGOW 405.4 M.

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PROGRAMMES FOR WEDNESDAY (November 17)

THE life of Hugo Wolf was a very highly-strung nature, and died almost whilst still young. He wrote a great number of songs, most of his compositions being done at white heat, in a great access of creative force. Wolf seems

for he set many typical Italian poems, besides writing the *Italian Serenade* for String Quartet, an attractive piece which fully justifies

Quintet in F Sharp Minor for Clarinet and Strings

Quintet in F Sharp Minor for Clarinet and Strings

5XX DAVENTRY. 1600 M.

- 10.30 a.m. Text & ...
- 11.0 ...
- 10.20 ...
- 8.20 ...
- 9.15 ...
- 10.10 Shipping Forecast
- 10.15 ...
- 10.30 12.0 DANCE ...

5IT BIRMINGHAM. 491.8 M.

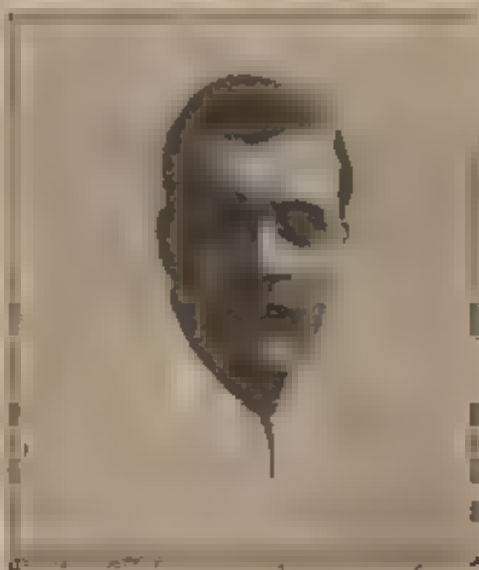
- 3.45 ...
- 4.45 ...
- 5.15 THE CHILDREN'S HOUR
- 6.0 ...
- 6.50 S.B. from London
- 7.0 ...
- 7.30 app. S.B. from London
- 8.20 ...
- 9.15 11.0 ...

6BM BOURNEMOUTH. 306.1 M

- 3.45 ...
- 4.0 THE WIRELESS ORCHESTRA, conducted by Capt. W. A. FRATHERSTONE

As been almost ...

- 4.20 WINTERED COLE (Soprano)
- 4.25 ORCHESTRA
- 4.40 ...
- 4.45 ...



Mr. SYDNEY NESBITT, who, with his skilful and well heard by London and Daventry listeners at 6 o'clock to-night.

- 5.0 WINTERED COLE
- 5.5 ORCHESTRA
- 5.15 THE CHILDREN'S HOUR
- 6.0 ...
- 6.50 S.B. from London
- 7.0 ...
- 7.30 app. S.B. from London
- 8.20 ...
- 9.15 11.0 ...

- 6.50 S.B. from London
- 7.0 ...
- 7.30 app. S.B. from London
- 8.20 ...
- 9.15 11.0 S.B. from London (10.10 Local News)

5WA CARDIFF. 353 M

- 3.15 BROADCAST TO SCHOOLS: Mrs. CELIA EVANS 'The Regions of the World—(3) Monsoon Land'
- 3.40 ...
- 4.15 ...
- 4.45 ...
- 5.0 ...
- 5.15 ...
- 6.0 ...
- 6.15 ...
- 6.40 ...
- 6.50 ...
- 7.0 ...
- 7.30 app. S.B. from London
- 8.20 ...
- 9.15 11.0 ...

- 4.45 Afternoon Topics
- 5.0 Pianoforte Recital
- 5.15 THE CHILDREN'S HOUR
- 6.0 Major A. C. ALFORD: 'The Duke of Marlborough and the Battle of Blenheim'
- 6.15 S.B. from London
- 6.40 Local Radio Society's Bulletin
- 6.50 S.B. from London
- 7.0 WEATHER FORECAST: News
- 7.30 app. S.B. from London
- 8.20 ...
- 9.15 11.0 ...
- 22Y MANCHESTER. 384.6 M
- 3.25 ...
- 3.45 ...
- 4.0 ...
- 5.0 ...
- 5.15 ...
- 6.0 ...

PROGRAMMES FOR WEDNESDAY (November 17)

6.50 Royal Horticultural Society's Bulletin
7.0 WEATHER FORECAST NEWS
 Lieut. Col. W. P. DRURY, "Habitual Slave to Two Captains and the King" S.B. from Plymouth

7.30 app. S.B. from London

CHAMBER MUSIC

THE EDITH ROBINSON QUARTET, EDITH ROBINSON (1st Violin), GERTHIE DE BARBER (2nd Violin), HILDA LEWIS (Viola), KATHLEEN MCDONALD (Cello)

THE MANCHESTER VOCAL SOCIETY, conducted by HAROLD LAWRENCE

QUARTET
 String Quartet in A Minor, Op. 51, Beethoven
 Allegro Non Troppo, Andante Moderato, Quasi Minuetto, Moderato, Finale Allegro Non Assai

Madrigal, "In Goz to My Lovely Bed"

Madrigal for Female Voices, "The Nightingale"

Madrigal in Six Parts, "As Vesta Was, from Lullaby to the Dying" ...
 Villanelle for Two Chorus, "Hark, Hark! the Echo Falling" ...
 Orlando di Lasso—1532-1594

String Quartet in A Major, Op. 41 ... Schumann

ROBERT SCHUMANN was trained to be a lawyer, and his youth was almost gone before he was able to give his whole attention to music. His fatal devotion to music when at last it came about was the result of great talent for and persistence in piano-playing.

It is not surprising, then, that when he started to compose, he produced a quantity of piano music, and little else. In 1840 (at the age of thirty) he was married, and the inspiration of the moment poured out a flood of song. These included music on the bigger scales, producing, among other things, his first Symphony in 1841.

The following year saw the appearance of his first Quartet for Strings. This work is in four separate Movements.

The First Movement starts with an Introduction. As a steady pace, expressive, which is founded on the little running figure with which First Violin opens, immediately imitated by the other instruments. The introduction ends with a phrase, and after a pause, the Movement proper (Quart) follows. This is almost entirely made out of the simple, extended tone with which it begins, and the little running phrase which is heard very soon afterwards.

The Second Movement starts with a Scherzo, whose playfulness is in accord with the literal meaning of its title—a jest, though perhaps the Scherzo which follows, whose whole character is of a more serious nature, has sustained lower parts. After the Intermezzo the Scherzo is repeated.

In the Third Movement there are two main constituents. The first is the opening phrase, which starts low, rises high, and then goes back half way. The second (and chief) is the long, slow song which First Violin gives out after the three opening bars.

The Fourth Movement (Very quick) is a brilliant, spirited Finale, whose rapid course is practically uninterrupted except for a few moments, just before the end, in which the Composer seems to draw our attention to a spiritual under-current.

Contra
 Soprano
 Tenor
 Bass

9.30 S.B. from London

10.0 WEATHER FORECAST NEWS Local News

10.15-11.0 MIRTH AND MELODY, provided by ALMA VANE
 F. J. ...
 H. J. ...

6KH HULL 288.5 M.

3.30 Light Music

4.0 ...

4.15 FIELD'S OCTAGON QUARTET, directed by J. H. RODGERS

5.15 THE CHILDREN'S HOUR

6.0 Light Music

6.30 S.B. from London

6.50 Royal Horticultural Society's Bulletin

7.0 WEATHER FORECAST NEWS
 Lieut. Col. W. P. DRURY S.B. from Plymouth

7.30 app. S.B. from London



Lieut. Col. W. P. DRURY,

whose historical Talk from Plymouth Station on "Sea-Captains and the King" is being broadcast to all Stations after the First News Bulletin to-night

8.20 ACT II of "TANNHAUSER" Performed by THE BRITISH NATIONAL OPERA COMPANY
 Relayed from the Opera House, Manchester

9.15-11.0 S.B. from London (10.10 Local News)

2LS LEEDS-BRADFORD. 294.1 M.

11.30-12.30 FIELD'S CAPS ORCHESTRA, relayed from Field's Cafe, Commercial Street, Leeds

4.0 ...

5.0 AFTERNOON TOPICS: Miss DOUGLAS NICHOLS, "More Songs of the Fair", Eustache Martin

5.15 THE CHILDREN'S HOUR

6.0 Light Music

6.30 S.B. from London

6.50 Royal Horticultural Society's Bulletin

7.0 WEATHER FORECAST NEWS
 Lieut. Col. W. P. DRURY S.B. from Plymouth

7.30 app. S.B. from London

8.20 ACT II of "TANNHAUSER" Performed by THE BRITISH NATIONAL OPERA COMPANY
 Relayed from the Opera House, Manchester

9.15-11.0 S.B. from London (10.10 Local News)

6LV LIVERPOOL 288.5 M.

3.0 CRANE'S MATINEE CONCERT, relayed from Crane Hall

(Bass-Baritone); WALTER WRIGHT (Accompanist)

4.0 Afternoon Topics

4.15 DANCE MUSIC: THE HAVANA SYNDICATED DANCE BAND, relayed from the Edinburgh Cafe Ball

5.15 THE CHILDREN'S HOUR

6.0 ...

6.30 Señor A. M. DUARTE, Spanish Talk

6.50 S.B. from Manchester

7.0 WEATHER FORECAST NEWS
 Lieut. Col. W. P. DRURY S.B. from Plymouth

7.30 app. S.B. from London

8.20 ACT II of "TANNHAUSER" Performed by the BRITISH NATIONAL OPERA COMPANY
 Relayed from the Opera House, Manchester

9.15-11.0 S.B. from London (10.10 Local News)

5NG NOTTINGHAM. 288.5 M.

11.30-12.30 Morning Concert, relayed from Deventry

3.45 THE MIRAGE CAPS ORCHESTRA, conducted by FREDERICK BOTTOMLEY

4.45 MUSIC AND AFTERNOON TOPICS. Mrs. WHITFIELD, "The Music of the Day"

5.15 THE CHILDREN'S HOUR

6.15 "A READER", "New Books"

6.30 S.B. from London

7.0 WEATHER FORECAST NEWS
 Lieut. Col. W. P. DRURY S.B. from Plymouth

7.30 app. S.B. from London

8.20 ACT II of "TANNHAUSER" Performed by the BRITISH NATIONAL OPERA COMPANY
 Relayed from the Opera House, Manchester

9.15-11.0 S.B. from London (10.10 Local News)

5PY PLYMOUTH. 288.5 M.

11.0-12.0 GEORGE FAIR and his QUARTET, relayed from Poplar's Theatre

3.30 ORCHESTRA, relayed from Poplar's Theatre

Selection, "Aida" ... Verdi
 Intermezzo, "Aida" ... Verdi
 Selection, "Our Miss Gibbs" ... Caryl and Middleton

4.0 AFTERNOON TOPICS: Mr. F. FREDRICK HARTY, "Dickens and the Newspaper Industry"

4.15 Tea-Time Music: THE ROYAL HOTEL TRIO, directed by ALBERT FULLER

The Holberg Suite ... Grieg
 Waiting for the Moon ... Leroy
 Selection, "Happy Love" ... Lehár
 Róbert Intercompos ... Tchaikovsky
 Selection, "Mendelssohn's Works" ... Urbach

5.15 THE CHILDREN'S HOUR

6.0 DORRIS NODDER (Cello)

6.30 S.B. from London

7.0 WEATHER FORECAST NEWS
 Lieut. Col. W. P. DRURY: "Characters and Episodes from History—Sea Captains and the King"

PROGRAMMES FOR THURSDAY (November 18)

which abound everywhere. The sun is low in the sky. The air is cool. The water is calm. The light deepens.

ACT I, SCENE 1

Two hours elapse. It is nine o'clock on the evening. The room is empty. The distant music of a boat into the hall from the drawing room.

ACT II, SCENE 1 (1020)

Another twenty years have passed and the advance of progress has made its imprint on the hall. The moonlight pours in through the casement windows and the fire which is burning brightly, sheds a soft amber glow over the lake.

ACT II, SCENE 2

Two hours have elapsed. The room is precisely the same, the silence being broken at intervals by the notes of the late old man who lies in the arm-chair by the fire. Princess enters, and as he looks down upon his master, he appears to grow older. The old man pale and drawn. He is now price 21. He can be obtained from the Manchester Station.

9.30 S.B. from London

10.12 Shipping Forecast

10.15-12.0 S.B. from London

BIT BIRMINGHAM. 491.8 M.

3.45 The Station Pianoforte Quintet. Leader

4.45 Afternoon Tea. N. 1. S. A. T. W. M. S.

5.15 The Children's Hour

6.0 Harold Terley's Orchestra. Prince's Cafe

6.50 S.B. from London

7.40 Prof. J. Arthur Thomson. The Mind of the Lower Animals. S.B. from Aberdeen

8.0-12.0 S.B. from London. 10.10 Local News

BOURNEMOUTH. 306.1 M.

11.30-12.0 Organ Recital by Arthur Marston

Relayed from the Royal Albert, Bournemouth

Tempo di Minuet (Sonata No. 7) ... Guidant

Meditation ... Dubi

Sonata No. 4 ... A. Schubert

Whigra con briq. Andante. A. Legretto. Alleg

3.0 The Ancient to School. FR 11.4. Ever

Wesley in Ancient Times. A. to the Black Death

3.45 Afternoon Tea

4.0 Ten Time Music from Beethoven's ...

Crucifixion Road. Directed by Gilbert Stacey

Overture, Martha ... Easthope Martin

Flower Song (Carmen) ... Collier

Love's Sweetest Song ... Stacey

Life on the ...

Fox trot, 'Cunning Through the ...

Some Waltz, Mercury's Melody ...

March, 'El Abasco' (The Fair) ...

5.15 The Children's Hour

6.0 Musical Interlude

6.15 For Farmers. Prof. D. T. B. Parker

of the National Farm and Cider in

the State of Farm Orchards

6.35

6.50

7.40

VARIETY

WILSON VAUGHAN and ROLAND MEE

and Sket for

Artists' Recital

FERDIE MURPHY

IRMA KONG

LLOYD REED

Original Folio Art

THE WIRELESS ORCHESTRA. 10.10

W. A. FEATHERSTONE

9.30-12.0 S.B. from London. 10.10 Local News

SWA CARDIFF. 353 M.

12.30-1.30 Music from the Cardiff Restaurant

3.0 AN AFTERNOON CONCERT

TELEVISION ORCHESTRA. Conducted by WILKINSON

Overture, The Caliph's ...

Waltz, The Blue Danube ...

Laura M. LAUGHARNE (Soprano)

A Thrill's ...

The Waltz Song (Toni ...)

CHORUS

No. 26 in E-flat ...

THIS sparkling little work is one of Mozart's lesser-known Symphonies. It is supposed to have been composed at Salzburg in 1773 in which year Mozart wrote a Mass, four Symphonies, String Quartets, and several other things. The work is rather unusual in form for the classical period. It consists only of three short movements, and there is no sort of finale at the end of the first and second movements. The first begins straight into the second, the second into the third.

Laura M. LAUGHARNE

A Daffodil Wind ...

I Go My Way Singing ...

Songs, Where the Rain ...

Scherzo, Op. 11

Laura M. LAUGHARNE

When May ...

THE dashing youth Platon, having been permitted by his father the Sun, to drive the fiery chariot, loses control of the horses. The sun of flame is approaching the earth, and must be stopped if nothing can intervene. At this moment a powerful bolt of thunderbolt, saving the universe but destroying the rash youth. This is the story which Platon illustrates in his Symphonic Poem.

Mr. C. M. H. ...

5.0 P.M. Forte Recital

5.15 ...

6.0 ...

6.15 ...

7.40 Prof. J. ...

Lower A

8.0 WEST TO THE SOUNDING SEA

A. ...

M. ...

C. ...

N. ...

David of the White Rock ...

GLANVILLE DAVIES (Sole Harp)

Marchy Cadell ...

Workers of Duraven ...

NANCY BRYANT DAVIES

March Megan ...

And the magic sea will bear thee

Beyond the point so far

To shores where looms the long

Where the last adventures are

EVAN TY GWYN (Recorder)

A Few ...

NANCY BRYANT DAVIES

Gweneth Gwyn

DAVID THOMAS (Tenor)

Long ...

Broadwyd Y Morwr Bach ...

NANCY BRYANT DAVIES

Men of Harlech ...

GLANVILLE DAVIES

Y Barfgen Dwr ...

A Ballad to Queen Elizabeth ...

EVAN TY GWYN

Some Old Sea Shanties

'And we that we ch and wot

Bearth ne wle moria bread

We are but sh pa upon that sea

Whose tales are birth and

NANCY BRYANT DAVIES

Ar Hyd Y Nos

DAVID THOMAS

Ar Hyd Y Nos

Long & Gokendy

MAE HEN WILF FV NLAU ...

6.0 MY FAVOURITE SONGS VII

A ...

A ...

Y Gwyl Fach ...

Y Nofodol ...

Our buds, a half a ...

Queen of the Night's Song

The Magic Flute

L. Amaro ...

A ...

9.30-12.0 S.B. from London. 10.10 Local News

22Y MANCHESTER. 384.6 M.

11.30-12.30 M ...

3.0 ...

4.30 Afternoon Tea

4.45 Tea Time Music

5.0 LILLIE ...

Thoughts have we

The Moonlit Road

At 8.00

The Road of Looking at

5.15 THE CHILDREN'S HOUR

6.0 S.B. from London

7.40 Prof. J. Arthur Thomson

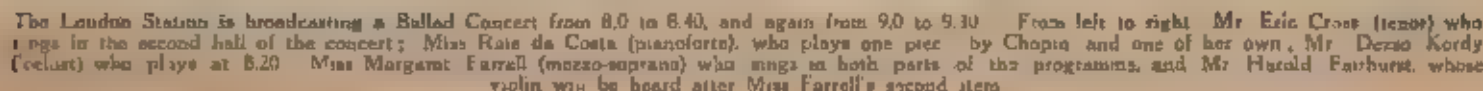
The L ...

(November 19)

Mr. G. A. STENSON: * Sept. 10, Chas. H. HUNT

with a high degree of reliability and accuracy.

1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 2680, 26



(November 19)

Y. A. I. I. Y.

XXX DAVENTRY. 1,600 M.

51T BIRMINGHAM. 491.8 M.

He: 01001 40, Ithaca, NY

100 WEATHER FORECAST NEW YORK

РЕДКІ КНИЖКИ

The House of the Rising Sun. By John Galsworthy. 1928. 100 p. 10 sh.

By the same author. The Forsyte Saga. 1906. 100 p. 10 sh.

By the same author. The Forsyte Saga. 1906. 100 p. 10 sh.

By the same author. The Forsyte Saga. 1906. 100 p. 10 sh.

100

5WA CARDIFF. 253 M

6.15 S & D from London

File 1

L. Die 4ten 1890 Hermann Fuchs

General Graystone (A Bookshop Keeper)

A black and white portrait photograph of a young man with dark hair, wearing a suit and tie, looking slightly to the right. The photo is mounted on a light-colored card with a decorative border.

Mr. ARTHUR WILKES.

\$BM BOURNEMOUTH. 306 1 M

345 31.00 1 1 3500 3 12 0250 1 1 0250

20. The following table shows the number of people who attended the concert in each age group.

5.16 THE CHILDREN'S HOUR

THE STUDIO TOWN • LADY DEXTER (MORGAN)

74 S.B. from London

THE WICKLISS MILDAY BAND

March, * Pomp and Circumstances	N	1	4:00
March, * Pomp and Circumstances	N	1	4:00

[illegible]

20 DAVID DUNSTON, Bart.
Herald Coat of Arms

[illegible][illegible]

WILSON, Oh, William	Ft. ...
... W ...	S...

100

PROGRAMMES FOR FRIDAY (November 19)

Mary South (H. Typist) ... BARBARA COTTER
Thomas Bayan (A Detective) ... REGINALD DAV
In his office in the City fitted with the usual
mule, telephone, desks and files, Gerald Gra
stone sits writing

552 BEST SELLERS Part II

Show Me the Way to Go Home
Campbell and ...

556 HAROLD KIMBLEY

Smile Through ... Arthur ...
Whom Haly Are You? ... Kern
A Little Bit of Heaven ... Ernest Ball

56 ORCHESTRA

Waltz, 'Yip-I Audy' ... Ba
La Maiteluche ... Borel Clark

514 GRACE DANIEL

Song made in bed of many ornaments
With which my love should duly have been
The Bells of St. Mary ... E
The Clerk of Arroy
Me and the World is Mine

924

Holmes and ...
Hobbes and ...

930 11.0 S.B. from London (10.10 Local News)

2ZY MANCHESTER. 384.8 M.

11.5 2.0 — Lunch Time Music Piano-forte Trio
derived from the Piccolo ...

3.25 BROADCAST TO SCHOOLS ...
Story in Stone and Brick ... Miss R. HINDHAM
The Jacobites in Lancashire (The Earl of
Barneswater, 1716. The Second Route, 1745,
Charles Edward

3.45 Ten Time Music. MOLLIE HATCH ...
and the STATION QUARTET

5.0 AFTERNOON TOPICS. MRS. BARTZ, 'Opera
conducted by FRANK M. LINDA (C)

5.15 THE CHILDREN'S HOUR

6.0 THE MANCHESTER ...
The Hired Majestic, St. Anne's ...
Director GERALD W. BROOK

7.0 S.B. from London

26 CONTRASTS.

The idea underlying the programme is to show
the contrast between the two ...

Harold Hopewell ...
The STATION ALMIGHTY ORCHESTRA, conducted
by T. H.

Overture, 'A Midsummer Night's Dream'
Overture, 'A Midsummer Night's Dream'

Onaway! Awake Beloved ...
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5.0 AFTERNOON TOPICS. JEAN WHITEFORD, ...

5.15 ...

6.0 THE STATION PIANOFORTE QUARTET

6.30 S.B. from Manchester

7.0 11.0 S.B. from London (10.10 Local News)

5NG NOTTINGHAM. 288.5 M.

11.30 12.30 Morning Concert relayed from
Durham

3.45 LYONS' CAFE ORCHESTRA, conducted by
Hux

4.45 MUSIC AND AFTERNOON TOPICS. Miss ROSE
FLEMAN. 'New Books'

5.15 THE CHILDREN'S HOUR

6.15 MABEL HODGKINSON. Piano-forte

6.30 11.0 S.B. from London (10.10 Local News)

5PY PLYMOUTH. 288.5 M.

3.30 BROADCAST TO SCHOOLS. Mr. WALTER P.
WEEKES. 'Music Appreciation—A Fine Old
M'

4.0 AFTERNOON TOPICS. Miss ...
Ladies de Madame de Sevigne

4.15 ...

5.15 THE CHILDREN'S HOUR

6.0 THE STATION ORCHESTRA

6.30 11.0 S.B. from London (10.10 Local News)

6FL SHEFFIELD. 288.5 M.

11.30 12.30 Gramophone Records. Dame's Music

4.0 Afternoon Topics

4.15 ...

5.15 THE CHILDREN'S HOUR

6.0 Music Interlude

6.30 11.0 S.B. from London (10.10 Local News)

6ST STOKE. 288.5 M.

3.30 BROADCAST TO SCHOOLS. Mr. MARK HUGHES,
North Staffordshire and Lic. 45 Robbison

4.0 STUDIO CONCERT. E. A. WIDDER'S PIANO

5.0 Afternoon Topics

5.15 THE CHILDREN'S HOUR

6.0 Light Music

6.30 11.0 S.B. from London (10.10 Local News)

5SX SWANSEA. 288.5 M.

3.0 BROADCAST TO SCHOOLS: Miss MAGDALEN
MORGAN, 'The Welsh People and their Literature'
Mr. HARRY T. RICHARDS, 'The Children
of Other Lands'

3.45 THE CASTLE CINEMA ORCHESTRA AND ORGAN
MUSIC, relayed from the Castle Cinema

5.0 Afternoon Topics

5.15 THE CHILDREN'S HOUR

6.0 'MY PIANO AND I' A Short Lecture
by T. D. JONES

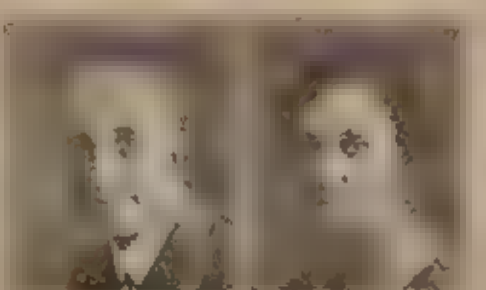
6.30 S.B. from London

7.0 S.B. from Cardiff

8.30 ... by Vivian Tidmarsh
see Cardiff Programme

9.52 S.B. from Cardiff

9.52 11.0 S.B. from London (10.10 Local News)
(Northern Programme for Friday will be found
on page 424.)



Mr. Walter P. Weekes, who talks of 'A Fine
Old Musician' in his series of Talks to Schools
Plymouth 3.30, and Miss Gladys Denney
(soprano), who sings from Bournemouth in
the 6 o'clock programme

6KH HULL. 288.5 M.

11.30 12.30 Gramophone Records

3.30 BROADCAST TO SCHOOLS

4.0 Afternoon Topics

4.15 ...

5.15 THE CHILDREN'S HOUR

6.0 Light Music

6.25 Mr. J. G. STEPHENS. Weekly Football Talk

6.40 ...

7.0 11.0 S.B. from London (10.10 Local News)

2LS LEEDS-BRADFORD. 287 M. & 284.1 M.

11.30 12.30 ...

3.30 BROADCAST TO SCHOOLS: W. P. WERTON
B.Sc. 'The Science of Common Objects'

4.0 THE SCALE SYMPHONY ORCHESTRA, ...
From the Scale Theatre, Leeds

5.0 AFTERNOON TOPICS. M. M. M. ...
TON. 'A Dial of Tea'

5.15 ...

6.0 THE STATION TRIO

7.0 11.0 S.B. from London (10.10 Local News)

6LV LIVERPOOL. 288.5 M.

3.15 3.45 BROADCAST TO SCHOOLS. Mr. GUY
FRY PATER, 'Bacteria—(3) Bacteria and
Disease'

4.0 GALLARD AND HIS ORCHESTRA, relayed from
the Scala Cinema

PROGRAMMES FOR SATURDAY (November 20)

80 'HOW'S THAT?'
A New Radio Revue
10.10 Local News

5WA CARDIFF. 353 M.
12.30-1.30
3.0
5.0
5.15
6.0
7.40

80 NOVEMBER NIGHT-LIGHTS
THE STATION ORCHESTRA
JAN STEWART (West Country Dialects)
CHARLO (Welsh Music)
MORRIS DUNN
B. S. L. (The Devon Dialect)
A Chat on Holidays
Our Musical Drama
SELECTION The Quarter of

2ZY 384.6 M.

3.30 Dance Music from the Piccadilly Palace
5.0 AGNES MEDWELL (Contra to)
5.15 THE CHILDREN'S HOUR
6.0 S.B. from London
6.53 Boy Scouts' Local News Bulletin
7.0 S.B. from London

8.0 WEST COUNTRY SONGS
J. CHALLONER HEATON (Bass)
Devonshire Cream and Cider
PILLIE WHITEWAY (Soprano)
The Loyal Lover (Devonshire Air), arr. Whitenay
The Chieftain's Air (Somerset Air)
ROGER WILLIAMS (Entertainer)
J. CHALLONER HEATON
The Dove (Wiltshire Air)
Sally Gray (Lancashire Air)
The Owl and the Ait (Westmorland Air)

OUR Composer conductor of many standing, Arthur Somervell, he also edited many folk songs, notably 'In co-opery' by Lloyd Williams and two versions of Welsh Melodies. For *The Dove* with its slow, wistful singing tune, and its subdued passion, it is the fit to music any kind of drama, but Wallace

6KH HULL. 268.5 M.

4.0 AFTERNOON TOPICS Miss CONSTANCE CLARK
4.15 FIELDS OCTAGON QUARTET, directed by
5.15 THE CHILDREN'S HOUR



Dr DU GARDE PEACH,
whose initials, L. du G. are known to readers of *Punch*, gives number of his series of 'Fascinating Mysteries' from Sheffield at 6.10.

6.0 Light Music
6.30-12.0 S.B. from London 10.10 Local News

2LS LEEDS-BRADFORD. 297 M & 294.1 M.

11.30-12.30 P. M. L. ORCHESTRA relayed from Field & Cudd, Commercial Street, Leeds
4.0 THE TROVARELLO DANCE BAND, relayed from the Trovarello Ballroom, Bradford.
5.0 AFTERNOON TOPICS
5.15 THE CHILDREN'S HOUR
6.0 Light Music
6.30-12.0 S.B. from London 10.10 Local News

6LV LIVERPOOL. 288.5 M.

4.0 AFTERNOON TOPICS: W. A. MARTIN, 'The Romance of Old Furniture' (4)
4.15 DANCE MUSIC THE HAVANA SYNDICATED DANCE BAND relayed from the Edinburgh Club
5.15 THE CHILDREN'S HOUR
5.45 MR. NICKEL (Charles Dickens)
Mr. Nickell Mrs. FRED WILKINSON

At Old Gentleman's WALTER SUGAR
Keeper EDWARD P. GRIM
At Old Gentleman's Late Afternoon

6.15 DANCE MUSIC THE HAVANA SYNDICATED DANCE BAND, relayed from the Edinburgh Club

6.30-12.0 S.B. from London 10.10 Local News

5NG NOTTINGHAM. 286.5 M.

11.30-12.30 (Constance R.)
6.15 DANCE MUSIC, relayed from the Public House
5.0 THE CHILDREN'S HOUR
6.15 MABEL HODGE (Piano)
6.30-12.0 S.B. from London 10.10 Local News

5PY PLYMOUTH. 288.5 M.

11.0-12.0 GEORGE EAST and his (G. EAST) relayed
3.0
4.0 Afternoon Topics
4.15 Tea Time Music THE ROYAL HOTEL TRIO, directed by ALBERT FULLERON
5.15 THE CHILDREN'S HOUR
6.0 W. NITTED STOKES (Contra to)
6.30-12.0 S.B. from London 10.10 Local News

6FL SHEFFIELD. 288.5 M.

4.15 Orchestra relayed from the Grand Hotel
5.15 THE CHILDREN'S HOUR: Girls of the Radio Circle—EXID LEATHER will sing, MARGARET HAWKINS will recite, and EVELYN LARSONTON will play the piano
6.0 Musical Interlude
6.10 (P. M. L. ORCHESTRA) relayed from L. du G. of *Punch* (45) 'The Strange Disappearance of the Panama Canal'
6.30-12.0 S.B. from London 10.10 Local News

6ST STOKE. 288.5 M.

4.0 THE CAPITOL THEATRE ORCHESTRA, directed by Handelle
5.0 AFTERNOON TOPICS DORIS (M. L.), Customs and Commissioner
5.15 THE CHILDREN'S HOUR
6.0 Dance Music
6.30-12.0 S.B. from London 10.10 Local News

SSX SWANSEA. 288.5 M.

4.0 THE DANCING, relayed from the Baltic Lounge Cafe Restaurant
5.15 THE CHILDREN'S HOUR
6.0 T. D. JONES (Short Piano Solo)
6.30 S.B. from London
7.40 Dr. J. J. JONES (Short Piano Solo)
8.0-12.0 S.B. from London 10.10 Local News
(Northern Programmes for Saturday appear on page 424)

Saturday's Northern Programmes.

(Continued from page 423.)

5NO NEWCASTLE 312.5 M

2.0 The Grand National 2.0 R.H. from London 2.40
 3.0 The Grand National 3.0 R.H. from London 3.40
 4.0 The Grand National 4.0 R.H. from London 4.40
 5.0 The Grand National 5.0 R.H. from London 5.40
 6.0 The Grand National 6.0 R.H. from London 6.40
 7.0 The Grand National 7.0 R.H. from London 7.40
 8.0 The Grand National 8.0 R.H. from London 8.40
 9.0 The Grand National 9.0 R.H. from London 9.40
 10.0 The Grand National 10.0 R.H. from London 10.40
 11.0 The Grand National 11.0 R.H. from London 11.40
 12.0 The Grand National 12.0 R.H. from London 12.40

55C GLASGOW 401.4 M

4.0 The Grand National 4.0 R.H. from London 4.40
 5.0 The Grand National 5.0 R.H. from London 5.40
 6.0 The Grand National 6.0 R.H. from London 6.40
 7.0 The Grand National 7.0 R.H. from London 7.40
 8.0 The Grand National 8.0 R.H. from London 8.40
 9.0 The Grand National 9.0 R.H. from London 9.40
 10.0 The Grand National 10.0 R.H. from London 10.40
 11.0 The Grand National 11.0 R.H. from London 11.40
 12.0 The Grand National 12.0 R.H. from London 12.40

2BD ABERDEEN 491.8 M

9.45 The Grand National 9.45 R.H. from London 9.45
 10.0 The Grand National 10.0 R.H. from London 10.00
 10.15 The Grand National 10.15 R.H. from London 10.15
 10.30 The Grand National 10.30 R.H. from London 10.30
 10.45 The Grand National 10.45 R.H. from London 10.45
 11.0 The Grand National 11.0 R.H. from London 11.00
 11.15 The Grand National 11.15 R.H. from London 11.15
 11.30 The Grand National 11.30 R.H. from London 11.30
 11.45 The Grand National 11.45 R.H. from London 11.45
 12.0 The Grand National 12.0 R.H. from London 12.00

2BE BELFAST 326.1 M

4.0 The Grand National 4.0 R.H. from London 4.40
 5.0 The Grand National 5.0 R.H. from London 5.40
 6.0 The Grand National 6.0 R.H. from London 6.40
 7.0 The Grand National 7.0 R.H. from London 7.40
 8.0 The Grand National 8.0 R.H. from London 8.40
 9.0 The Grand National 9.0 R.H. from London 9.40
 10.0 The Grand National 10.0 R.H. from London 10.40
 11.0 The Grand National 11.0 R.H. from London 11.40
 12.0 The Grand National 12.0 R.H. from London 12.40

2DE DUNDEE 288.5 M

2.0 The Grand National 2.0 R.H. from London 2.40
 3.0 The Grand National 3.0 R.H. from London 3.40
 4.0 The Grand National 4.0 R.H. from London 4.40
 5.0 The Grand National 5.0 R.H. from London 5.40
 6.0 The Grand National 6.0 R.H. from London 6.40
 7.0 The Grand National 7.0 R.H. from London 7.40
 8.0 The Grand National 8.0 R.H. from London 8.40
 9.0 The Grand National 9.0 R.H. from London 9.40
 10.0 The Grand National 10.0 R.H. from London 10.40
 11.0 The Grand National 11.0 R.H. from London 11.40
 12.0 The Grand National 12.0 R.H. from London 12.40

2EH EDINBURGH 288.5 M

3.0 The Grand National 3.0 R.H. from London 3.40
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 10.0 The Grand National 10.0 R.H. from London 10.40
 11.0 The Grand National 11.0 R.H. from London 11.40
 12.0 The Grand National 12.0 R.H. from London 12.40

Friday's Northern Programmes.

(Continued from page 421.)

5NO NEWCASTLE 312.5 M

3.0 3.30 The Grand National 3.0 R.H. from London 3.40
 4.0 The Grand National 4.0 R.H. from London 4.40
 5.0 The Grand National 5.0 R.H. from London 5.40
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 11.0 The Grand National 11.0 R.H. from London 11.40
 12.0 The Grand National 12.0 R.H. from London 12.40

55C GLASGOW 401.4 M

10.00-11.30 The Grand National 10.00 R.H. from London 10.00
 11.30 The Grand National 11.30 R.H. from London 11.30
 12.0 The Grand National 12.0 R.H. from London 12.00

10.00-11.30 The Grand National 10.00 R.H. from London 10.00
 11.30 The Grand National 11.30 R.H. from London 11.30
 12.0 The Grand National 12.0 R.H. from London 12.00

2BD ABERDEEN 491.8 M

3.30-4.15 The Grand National 3.30 R.H. from London 3.30
 4.15 The Grand National 4.15 R.H. from London 4.15
 5.0 The Grand National 5.0 R.H. from London 5.00



Mr Foden Williams, the entertainer who will be heard from Manchester at 8.1 and Mr. Lawton will entertain Cardiff listeners at the same hour.

6.15 The Grand National 6.15 R.H. from London 6.15
 7.0 The Grand National 7.0 R.H. from London 7.00
 8.0 The Grand National 8.0 R.H. from London 8.00
 9.0 The Grand National 9.0 R.H. from London 9.00
 10.0 The Grand National 10.0 R.H. from London 10.00
 11.0 The Grand National 11.0 R.H. from London 11.00
 12.0 The Grand National 12.0 R.H. from London 12.00

8.12 The Grand National 8.12 R.H. from London 8.12
 9.0 The Grand National 9.0 R.H. from London 9.00
 10.0 The Grand National 10.0 R.H. from London 10.00
 11.0 The Grand National 11.0 R.H. from London 11.00
 12.0 The Grand National 12.0 R.H. from London 12.00

2BE BELFAST 326.1 M

2.20 The Grand National 2.20 R.H. from London 2.20
 3.0 The Grand National 3.0 R.H. from London 3.00
 4.0 The Grand National 4.0 R.H. from London 4.00
 5.0 The Grand National 5.0 R.H. from London 5.00
 6.0 The Grand National 6.0 R.H. from London 6.00
 7.0 The Grand National 7.0 R.H. from London 7.00
 8.0 The Grand National 8.0 R.H. from London 8.00
 9.0 The Grand National 9.0 R.H. from London 9.00
 10.0 The Grand National 10.0 R.H. from London 10.00
 11.0 The Grand National 11.0 R.H. from London 11.00
 12.0 The Grand National 12.0 R.H. from London 12.00

2DE DUNDEE 288.5 M

2.0 The Grand National 2.0 R.H. from London 2.40
 3.0 The Grand National 3.0 R.H. from London 3.40
 4.0 The Grand National 4.0 R.H. from London 4.40
 5.0 The Grand National 5.0 R.H. from London 5.40
 6.0 The Grand National 6.0 R.H. from London 6.40
 7.0 The Grand National 7.0 R.H. from London 7.40
 8.0 The Grand National 8.0 R.H. from London 8.40
 9.0 The Grand National 9.0 R.H. from London 9.40
 10.0 The Grand National 10.0 R.H. from London 10.40
 11.0 The Grand National 11.0 R.H. from London 11.40
 12.0 The Grand National 12.0 R.H. from London 12.40

2EH EDINBURGH 288.5 M

3.30 The Grand National 3.30 R.H. from London 3.30
 4.0 The Grand National 4.0 R.H. from London 4.00
 5.0 The Grand National 5.0 R.H. from London 5.00
 6.0 The Grand National 6.0 R.H. from London 6.00
 7.0 The Grand National 7.0 R.H. from London 7.00
 8.0 The Grand National 8.0 R.H. from London 8.00
 9.0 The Grand National 9.0 R.H. from London 9.00
 10.0 The Grand National 10.0 R.H. from London 10.00
 11.0 The Grand National 11.0 R.H. from London 11.00
 12.0 The Grand National 12.0 R.H. from London 12.00

HAVE YOU GOT YOUR OPERA LIBRETTI?

THE fourth of the series of Operas to be broadcast from all stations is to be given on December 10. This time it is to be 'The Barber of Seville.' Listeners are recommended to have a copy of the words of the Opera in front of them when listening to the broadcast. The form given below is arranged so that applicants may obtain either (1) single copies of the Libretto of 'The Barber of Seville' (or 'Rigoletto,' 'The Bohemian Girl,' and 'Faust,' which have already been broadcast) at 2d. each; (2) the complete series of twelve for 2s. (including those which have already been broadcast, but which will be of value in future broadcasts); or (3) the remaining nine of the series (including 'The Barber of Seville,' but excluding operas already broadcast) for 1s. 6d.

1. Please send me copy (copies) of the Libretto of 'The Barber of Seville,' 'Faust,' 'Rigoletto,' 'The Bohemian Girl,' for which I enclose pence at the rate of 2d. per copy

2. Application for the complete series (including 'Rigoletto,' 'The Bohemian Girl,' 'Faust,' and 'The Barber of Seville')

Please send me copy (copies) of each of the Opera Libretti as published. I enclose P.O. No. or cheque, value in payment at the rate of 2s. for the whole series, post free

- 3 Application for the remaining nine of the Series (including 'The Barber of Seville')

Please send me copy (copies) of each of the remaining nine Libretti of the complete series. I enclose P.O. No. or cheque, value in payment at the rate of 1s. 6d. each nine Libretti.

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Telegram: "Vanderin, Act, London."

SOME VALVES ARE VALVES

YOU try one valve after another in this or that stage, and listening critically you persuade yourself that the result is a little better or a little worse. Then perhaps by chance, or very likely on personal recommendation, you try a Cosmos S.P. Valve, and realize with delight that no straining of your ears or the exercise of supercritical faculties is required to recognize the immediate increase of pep and volume obtainable. How is it then that such a distinguishable difference, such a distinct improvement can be obtained?

The explanation lies in the unique Shortpath construction, which, without sacrificing anything in rigidity, reduces the path the electrons have to travel to a minimum impossible with other methods of construction, resulting in efficiencies and impedances hitherto unobtainable. It is not overstating the case to say that this scientific construction marks the most notable advance in valve manufacture since their earliest development.

Compare the specification of two of these valves with that of any known valve of other construction and similar price, and the reason for the increased pleasure you will derive from their use is obvious.

S.P. 55 B Blue Spot	S.P. 55 R Red Spot
High Amplification	Power Amplification
5.5 volts .. Filament voltage	5.5 volts
0.49 ampere .. Filament current	0.25 ampere
35 .. Amplification factor	4
0.65 mA per volt Mutual conductance	1.7 mA per volt
55,000 ohms .. Impedance	3,500 ohms
18.6 .. Price	22.6

There are Cosmos S.P. Valves with similar characteristics for use with a one-cell accumulator, also special valves like the Cosmos D.E.12, A.45, D.E.55. Ask your dealer for Folder 4187/3, telling you all about them.

METRO-VICK SUPPLIES LTD.

(Incorporated in Metropolitan-Vickers Electrical Co. Ltd.)

Metro-Vick House, 155, Charing Cross Road,
LONDON, W.C.2

You must have a **LISSENOLA** for this Christmas —only six weeks to go.



Nights no longer dull, nor long, nor lonely—an entertainer in the LISSENOLA which will bring real radio cheer into every home at Christmas, and before and after it. Ever so easy to get is the LISSENOLA every good dealer has one ready to supply. Plenty of time now, and not dear either. Everybody at home will welcome it from the minute you bring it in.

Tones more pure you never heard in any speaker, nor volume so powerful and clear.

Never hear the LISSENOLA and you will never know the enjoyment it has brought to tens of thousands who used headphones and other loud speakers which cannot compare with its fine tone qualities.

Hear it, and its natural tones will create a desire to possess it which is not easy to resist. And there is no reason why you should resist it—cost is certainly no obstacle.

SEVEN DAYS' TEST!

Ask your dealer to let you test it in his shop. Tune the set yourself if it needs tuning. Turn the set using not on the LISSENOLA if it needs it—compare the LISSENOLA against the most expensive speaker your dealer has. Take the horn off and put it on the LISSENOLA, and try to notice any difference. You will find your dealer friendly, and he will leave the test entirely to you if you ask him to.

WHAT THE LISSENOLA IS AND WHAT YOU CAN DO WITH IT

It is the essential sound-reproducing mechanism of a loud speaker, concentrated in the most effective manner yet achieved. Put power through it, 220 volts and more. You cannot make it dither or resonate on any voltage you will want to use. Put it on the tone arm of your gramophone instead of the sound box, and your gramophone is instantly a radio loud speaker. Take the LISSENOLA off and slip the sound box back again and you have a gramophone once more. A second's operation either way. OR BUILD A HORN, which is all you need to attach to the LISSENOLA unit to make it a complete senior model powerful loud speaker equal to the most expensive on the market. Or with the LISSENOLA REED (only 1/- extra) you can make a coo or any other loud speaker working on the reed principle.

FULL SIZE PATTERNS AND CLEAR INSTRUCTIONS HOW TO MAKE A HORN FOR A FEW PENCE ARE ENCLOSED WITH EACH LISSENOLA UNIT. You cannot go wrong. This horn when finished will be 24 ins high with a flare 9 ins. square. The angles have all been calculated to give reproduction acoustically accurate. This size horn is larger than you would find on a loud speaker selling at many pounds. ITS EFFICIENCY HAS BEEN PROVED BY TENS OF THOUSANDS OF LISSENOLAS' USERS.

THE LISSENOLA

—the Loud Speaker with the Golden Tones

13'6



Full directions and full-sized patterns for making the horn are given with every LISSENOLA.

A cone diaphragm loud speaker can easily be constructed. The illustration shows one method of mounting.

The LISSENOLA is directly connected to any gramophone into a loud speaker.

The LISSENOLA Reed Attachment (not included) for use with cone diaphragm loud speaker. Price 1/-

LISSEN LIMITED,
300-320, FRIARS LANE,
RICHMOND, SURREY.

Managing Director:
THOMAS N. COLE.



Memorable song— amplified yet unmarred.

The memory of the song, the thought of the singer, remaining with you long after the song has ceased and the singer has gone—haunting, lingering song.

You are made to realise what radio with this fine LISSEN Transformer can mean to you.

Music, speech, song, finely reproduced, **AMPLIFIED YET UNMARRED**—clear, loud, natural, coming to you through a background kept perfectly silent to let pure melody only come through.

This new LISSEN Transformer has revolutionised all previous ideas of transformer performance and price all our own previous high-priced models have been unhesitatingly withdrawn. It is a veritable triumph, and available to you at an unheard-of low price.

The trade have been surprised by it—they have tested it to prove our claims, **AND THEY ARE LARGELY BUYING IT FOR USE IN THEIR OWN BUILT-UP SETS.**

YOU BUY IT ON THE UNDERSTANDING THAT IF IT FAILS TO SATISFY YOU YOU CAN RETURN IT TO YOUR DEALER OR SEND IT BACK TO US AND IF WITHIN 7 DAYS OF YOUR BUYING YOUR MONEY WILL BE RETURNED IN FULL.

They are ill-advised who now pay a high price for a transformer. Compare this new LISSEN against any for tone, purity and power.

You can get it at any good dealer's, or if any difficulty direct from factory at C.U.D. No postage charged but please mention dealer's name and address.

8'6

GUARANTEED FOR 12 MONTHS.

TEST IT DURING 7 DAYS then take back to your dealer's, or send it back to us if fails to satisfy you.

URNS RATIO 3 to 1
RESISTANCE RATIO 4 to 1

Use it for 1, 2, or 2 stages I.F. It is suitable for all circuits and valves you will want to use.

You get it in a marvellous design, large manufacturer's special plant installed to produce—and our main policy of direct to dealer distribution, which is our all wholesale profits, has this new LISSEN Transformer now placed yours for amplifiers within your reach at a price that speaks money well.

LISSEN LIMITED, LISSENIUM WORKS, 300-320, FRIARS LANE, RICHMOND, SURREY.

Managing Director **THOMAS N. COLE**

A Battery whose energy is not only clean, clear and strong— but noticeably improves Loud Speaker reproduction.

Have you seen a spring on the mountain side gushing through and forming a pool in a hollow of the rock, and been impressed with the sparkle and the wonderful crystal-clearness of the water?

The energy of the LISSEN New Process Battery is clean and clear, just like that. It is also sustained, sustained as is the energy in no other battery. Not merely for the first two or three hours but throughout the longest evening, unalterably retaining its power and purity and keeping its fine quality characteristics.

An ordinary battery deteriorates after the first two or three hours and the reproduction suffers in consequence. Deteriorates so gradually perhaps that you do not notice it, but deteriorates all the same, and it is only when you come to use the LISSEN New Process Battery that you learn what an improvement the right battery can make to your loud speaker reproduction.

In the LISSEN New Process Battery you will at last find the right battery. It will be an experience for you to hear your loud speaker as fresh-voiced and natural at the end of the night as it was at the beginning.

This fine battery is made for good loud speaker work. The success of the new process with a combination of chemicals, never before used in the very making, is now a definitely established fact and naturally the secret is closely guarded. Not only now the tone purity of your loud speaker never have you had clearer, finer, louder better reproduction.

The LISSEN New Process battery builds up within itself after use, and you find it right after night with undiminished readiness yielding its splendid energy in abundant supply until it almost seems to go on for ever. And by putting into operation our new direct to dealer policy of distribution which cuts out all wholesale profits this LISSEN Battery instead of being 12/- is now one shilling.

Another supreme advantage is that the LISSEN New Process Battery is absolutely fresh when you get it, for much of new energy because the batteries are actually on sale within three days of being made in our Richmond factory.

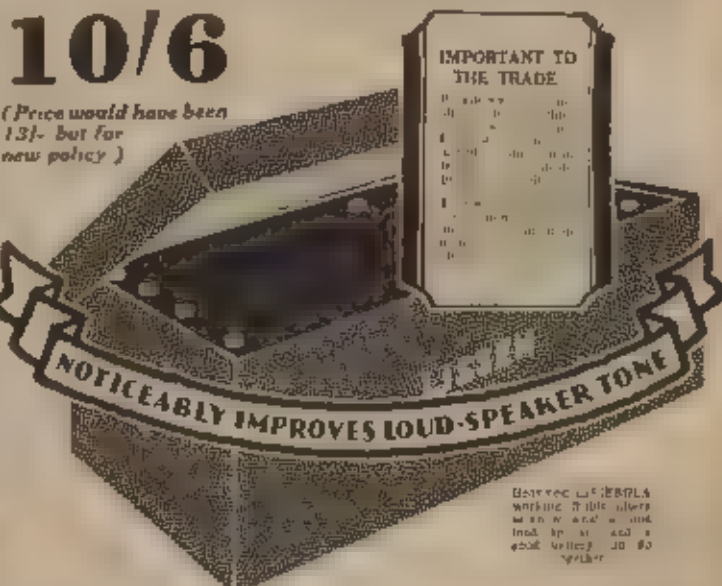
Made only in the popular black type with socket terminals, an additional advantage are the four 1 volt tapping points provided for grid line use at one end of the battery while the other usual tapping give any voltage desired.

OBTAINABLE AT ANY DEALER'S only if any difficulty send direct to factory. Include nothing for postage but please mention dealer's name and address. Or can be sent C.O.D.

SIZE OF BATTERY: This LISSEN Battery is 3 1/2 inches long by 4 inches wide. IT IS FULL OF LIVE YET SILENT CELLS, CELLS WITH UNIQUE QUALITY CHARACTERISTICS.

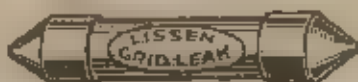
Rated at 60 volts but runs considerably over.

IT IS THE BATTERY ANY LOUD SPEAKER WILL PREFER.



BATTERY LIT. 125754
WHOLESALE 10/6
WITH N. & C. 10/6
INC. IN 10/6
AND 10/6
10/6

ON OUR FACTORY ROOF THEY DEFIED BOTH RAIN AND SUN. IN YOUR RECEIVER THEY WILL WITHSTAND HEAT AND MOISTURE



That is why a case of LISSEN Fixed Grid Leaks was put out on our factory roof during the summer of 1925 we wanted to see how good they really were. A grid leak which remains absolutely 'fixed' in resistance value after being exposed to rain and brooding sun must be really good. That was the test the LISSEN leaks were put to and the resistance value in every leak remained unaltered. You will find them absolutely silent in use too. They are true to their marked value within finer limits of accuracy than any other leak made.

All resistances one price, previously 1/1, NOW 1/-.

CLEARER AND BETTER SIGNALS

This valve-holder helps to make signals clearer and better. Lenses in its low lens and low capacity quality the LISSEN Valve Holder plays the part in getting clearer, louder signals. Sent out in a form for use in board mounting as shown. It can also be used in panel mounting by bending the springs straight. LISSEN Valve Holder, previously 1/1, NOW 1/- each.



LISSEN 3-Way Switch

QUICK TO FIX AND HANDY TO USE

There is a LISSEN Switch for everything you want a switch to do. Ask your dealer for the appropriate LISSEN switch. Take nothing but a LISSEN if you want a switch that will last. LISSEN one-hole fixing explains itself.

	Previously	NOW
LISSEN 2-Way	2/6	1/6
Series-Parallel	3/6	2/6
Double Throw	4/-	2/6
Key Switch	2/6	1/3



LISSEN Key Switch

QUALITY TELLS IN RHEOSTAT

Anything with work to do should be good. Your Rheostat has moving parts. It has to withstand a certain amount of heat therefore you want it as good as you can get it. Whenever you need a Rheostat be sure to ask for Lissen. In the Lissen range you are afforded a choice in rheostatic devices which will give you full service and more than your money's worth.



The price has been reduced accordingly made possible by our big production programme and our new direct-to-dealer policy of distribution which cuts out all wholesalers' profits.

	Previously	NOW
LISSEN 7 ohms wire rheostat, patented	4/-	2/6
LISSEN 15 ohms wire rheostat, patented	4/-	2/6
LISSEN dual wire rheostat, patented	4/-	4/6
LISSEN Potentiometer 400 ohms, patented	4/6	2/6

Board-mounted type same prices as above.

EVERY ONE LISSEN. ONE-HOLE FIXING. OF COURSE

BUILD WITH ALL LISSEN PARTS--

and your receiver will yield results which would never be possible with mixed parts, because every part is made to pull strongly with each other.

IMPORTANT TO THE TRADE. Retailers who have not already been notified of our new direct-to-dealer policy of distribution should, at their own interest, communicate with us without delay. All orders must now be sent to us at Richmond and not to your wholesale factory.

LISSEN LIMITED, 300-320, FRIARS LANE, RICHMOND, SURREY.

Managing Director: THOMAS N. COLE.

LISSEN PARTS—WELL THOUGHT OUT, THEN WELL MADE

SAVE SO MUCH WITH SUCH LITTLE TROUBLE--

Pursue the doctrine of efficiency and economy at the same time they go hand in hand if you use a LISSEN 2 mfd. or 1 mfd. (Mansbridge type) condenser across your present HT battery. The LISSEN condenser cuts out the noise in your battery when the battery gets old and when it would be unusable but for the LISSEN Condenser. It keeps the current steady and silent in the meantime, too. One LISSEN condenser outlasts many ordinary batteries and pays for its own cost over and over again in the longer time you can use your batteries.

Your dealer will tell you how easy it is to connect. But be sure to get only a LISSEN. There are other condensers but none so good, and none with the ease which itself is a solid insulator and due to our direct-to-dealer policy of distribution YOU PAY NO MORE FOR A LISSEN.

LISSEN (Mansbridge Type) CONDENSER

2 mfd.	=	4/8
1 mfd.	=	3/10

Your dealer will recommend the size best suited for your battery.

Made also in the following capacities:

01	..	..	..	2/4
025	..	..	..	2/4
05	..	..	..	2/6
1	..	..	..	3/-
25	..	..	..	3/4
5	..	..	..	3/10
1.0	..	..	..	4/8
2.0	..	..	..	

YOU PAY NO MORE FOR A LISSEN AND GET A BETTER CONDENSER

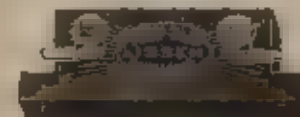


IN ELIMINATOR CIRCUITS USE ONLY THE LISSEN CONDENSER

The case of the LISSEN (Mansbridge type) condenser, itself a solid insulator, gives you protection such as no other condenser of the Mansbridge type gives when the condenser is used in a circuit connected straight on to the electric light mains. It is impossible for the LISSEN Condenser to short circuit on to its case—that is a protection you ought to know about if you ever want to use condensers for eliminators.

CONDENSERS WHICH NEVER LEAK—NEVER VARY

Leaky condensers impair the efficiency of any receiver. LISSEN make condensers accurate to 5% not only because LISSEN believe in accuracy but because accuracy goes hand in hand with quality. And in making condensers good LISSEN cannot help making them accurate too. LISSEN CONDENSERS DELIVER ALL THEIR STORED UP ENERGY ALL THE TIME.



Capacities:

LISSEN Micro Fixed Condensers.

0001 to .001	1/- each
(each reduced).	
.001 to .002	1/6 each
(each reduced).	

Note the new case which enables the LISSEN condenser to be fitted upright or used flat. At present the new case is available in the capacities most used, but will quickly become a LISSEN standard for all capacities.

NATIONAL WIRELESS WEEK - NOV. 7 to 13

"LET YOUR FRIENDS LISTEN"



'Lo Bill —

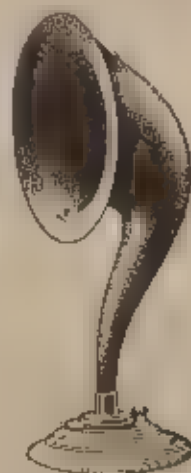
'Bill, my wonderful brother!

ATHLETIC souls should not be deep in armchairs with pipe and book. Come and give me tea. Is the prodigal visiting home this weekend? Do come, Bill! The Pater has installed a what you-may-call-it—ah! a Brandola. Bill, it's scrumptious. Beautifully deep tones, smooth and lots of volume. The Guv'nor's pleased. Says it only cost him three-pun' something. I'll invite the Brown-Jones girls—the ones you're keen about—and we'll have a spot of Charleston.

And I say! The Table-Talker would be just right for these rooms of yours. Just do for your wicked bachelor parties.'

Brandes

From any reputable Dealer.



THE BRANDOLA

Specially built to bring greater volume with over 1000 watts at 1000 cycles per second over the full frequency range. A large diaphragm gives a rich, full tone to the low notes and a powerful, clear, bright tone to the high. Reproduction controlled by a thumb screw on the base. Polished walnut finish with electro-plated fittings. Height 26 ins., bell 12 ins.

75/-



THE TABLE-TALKER

The new goose-neck design is the result of research in radio acoustics, which definitely establishes its value in relation to the diaphragm fitted. Patent material used in the construction of the horn avoids metallic harshness. Volume and quality controlled with a thumb screw at the rear of the base. Elegantly shaped, with a neutral brown finish felt-covered base. Height 18 ins., bell 10 ins.

30/-



Ask your DEALER for full
particulars of the Ediswan
NEW $\frac{1}{4}$ -WATT
VALVES



NATIONAL
WIRELESS WEEK
November 7th—13th
"LET YOUR
FRIENDS LISTEN"

LONG LIFE

AN OUNCE OF EXPERIENCE IS
WORTH A POUND OF OPINION

Read this extract of a letter from R. W. A., Ratmarsh, Yorks

"I have in my possession a valve made by your firm in the early days of wireless. . . . This valve is a 'wonder' and also a record, so far as I know. It has been used every day for nearly four years both as detector and amplifier. I have experimented with all kinds of circuits and used it on dozens of different sets all over the district, and in the course of its long life it has been subjected to some rough treatment. I have always used it as a testing valve and it has never failed. It is working now. . . . I have tried every kind of valve but always found Ediswan by far the best."

Nearly Four Years! Truly, Ediswan Valves
are the valves that "last and last and last!"

NOW YOU KNOW THE VALVES TO USE!

EDISWAN $\frac{1}{4}$ -WATT VALVES

Ediswan 2-Volt Range

H.F.	De- tector	1st L.F.	2nd L.F.
G.P. 2	I.R. 2 G.P. 2	G.P. 2 P.V. 2	P.V. 2 P.V. 6 1 Watt
Resistance Coupling			
		*R.C. 2	P.V. 6 1 Watt

*The grid resistance used should not be less than
1.5 megohms

PRICES G.P. 2, D.R. 2, and R.C. 2 14 each
P.V. 2 and P.V. 6 15.6 each

Fully described in the Booklet "The Ediswan Range"
Ask your Dealer for a copy or write direct

FIT

77

EDISWAN VALVES

AND NURSE YOUR SET

THE EDISON SWAN ELECTRIC CO. LTD., 123-5 QUEEN VICTORIA STREET, LONDON, E.C. 4



Now, for but 65!-, comes the really handsome Loud Speaker

BBROADCASTING was as yet unknown when the sponsors of the now famous Brown range of Instruments placed upon the market the first Loud Speaker ever to be used in this country for Wireless purposes. "Brown

H1" was in being when B.B.C., "2LO," "2ZY" and "XX" were meaningless hieroglyphics. The firm which then lead the way in making Loud Speaker reproduction possible has ever since set the pace in Loud Speaker design.

It was the Brown H3 which first brought high quality reproduction within the means of the average listener; it was the Brown HQ which brought to a realisation the ideal of a

really handsome Loud Speaker at an unprohibitive price. Now Brown once again leads the way. In the new H3Q Model, for the remarkably low price of 65!-, there is available an instrument whose appearance will enhance the setting of any room. All that is best in acoustical design gives to the H3Q a remarkable fidelity of reproduction. All that is artistic in design gives the H3Q a distinctive and pleasing appearance. For a little over three pounds you can buy a Loud

Speaker which will look well in your home and fill it with a faithful rendering of the evening's broadcast. Your dealer is selling many Brown H3Q Loud Speakers—get yours from him now.



The H3Q
Loud Speaker
2000 ohms
£3 5 0

The
Brown
H3Q
Loud Speaker
2000 ohms
£3 5 0



The H3Q
Loud Speaker
2000 ohms
£3 5 0

S. G. BROWN, LTD., Western Avenue, North Acton, W.3.

Retail Showrooms: 9, Tottenham Court Road, W.1. (near Regent Circus).
Sole Agents: The Radio Corporation, Ltd., 25, Abchurch Lane, E.C.4.
Wholesale: The Radio Corporation, Ltd., 25, Abchurch Lane, E.C.4.
Export: The Radio Corporation, Ltd., 25, Abchurch Lane, E.C.4.
Spare Parts: The Radio Corporation, Ltd., 25, Abchurch Lane, E.C.4.
Spare Parts: The Radio Corporation, Ltd., 25, Abchurch Lane, E.C.4.



The Radiolux AMPLION

*The Natural Tone
Loud Speaker*



The Radiolux Amplion has many good points but perhaps none is more striking than the quality of natural reproduction which it possesses to a remarkable degree.

Patentees and Manufacturers
ALFRED GRAHAM & CO. (M. Graham)
25, SAVILE ROW, LONDON, W.1.

Radiolux Amplion
Type R.S.1.0 (Oak)
Price • £7:7:0.



TREASURE TROVE!

It is one of the conventions of high mythology that the discovery of hidden treasure should always be preceded, accompanied and followed by hardships and hard labour, punctuated by foulsheds and violent deaths. There never has been, and probably never will be, any way to the acquisition of material wealth.

Broadcasting, however, has opened up the treasure caves of the ether to all who have ears to hear. It has not, of course, shortened the path of the seeker after Shakespeare, Shakspeare or Shakespeare, but it has made available to all the vastly greater store of good music. It has revealed the world's great music and made it more accessible. Armed with a wireless receiver you can bring into your home, hour after hour, night after night, those good and incorruptible treasures which give joy and solace to the world.

You can have the treasures of the world without the drudgery and without the risk of the search for good valves.



VALVES

B.T.H. Valves are designed and made to give absolute purity of reproduction. They will bring you the golden treasures of music without the dross of distortion or anything to mar the perfect beauty of the original rendering.

Advertisement of The British Thomson-Houston Co., Ltd., Crown House, Aldwych London, W.C.2



EVEN before Columbus discovered America the Aztecs evolved a method of treating raw rubber to give it greater resiliency and preserve it against decay. Balls of rubber taken from the Temple of Palenque (shown above) are still in existence. After five hundred years they are as pliable as when the priests first kneaded them into shape. What the secret of their manufacture was, no one can say precisely. It has died with the inventors. The process, however, obviously used little heat for it is the heat used in vulcanising to-day which ultimately causes the rubber to lose its nature—or as we say, to perish.

Heat, too, has a destructive effect on many other substances. Take the filament of a wireless valve as an example. Here—if it is a bright emitter—the filament is incandescent. It crystallises and becomes very brittle. Ultimately it fractures and the valve is useless.

But in the latest Cossor valve, heat has been practically banished. The new kalensed filament gives off a powerful flow of elec-

trons without the suspicion of a glow. As a result it can never become brittle. Even after several thousands of hours of use it is still quite supple.

This time-defying filament, besides functioning at such a low temperature, is also wonderfully economical in current. It consumes

only one-tenth of an ampere at 1.8 volts. Or, to give a definite example, an accumulator lasting 10 hours at a charge with a 2-valve set using bright emitters, would last more than 200 hours if these wonderful new Cossor Valves are used. A free gift of 190 hours of broadcasting every time your accumulator is charged!

Because these new Cossor Valves will give you such long and economical service—with a mellowness of tone which is truly remarkable—you are wasting money every day you retain your present valves in use.

Available in three types. Black Band for Detector use. Red Band for H.F. use, 1.8 volts, 1 amp. consumption, 14 c.h. Also Starter Two Power Valve, 1.8 volts, 15 c.h. consumption, 18.6.

The Aztecs knew that heat destroys

Cossor Point One

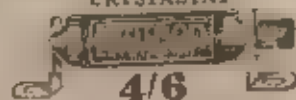


*Surmount
the barriers
of space.*

**NEUTRON PERMANENT
DETECTORS**

For the permanent detection of signals from any station within range.

**DELUXE 5/6 PANTECTOR 3/5
CRYSTAL**



H.T. BATTERIES

4/6 100 5d. ea.

NEUTRON

PRODUCTS

PROBABLY you have spent many hours in desperate endeavours to pick up some distant stations, and often it has been a race against time. As you would, you have caught it when something has come through, as a most insignificant or but only one or two stations are within your range.

NOW HERE IS THE WAY to clear and satisfactory long distance reception. The NEUTRON valves to your receiver. For Volume, Range and Purity, they are unequalled.

POSITIVELY NON MICROFLUORESCENT

All valves used are of the highest quality, saving the works and are therefore not subject to any of the usual defects.

Red Spot
1.5 in. dia.
4.5
1.5 in. dia.
1.5 in. dia.

12/6
each.

Green Spot
4.5
1.5 in. dia.
1.5 in. dia.

NEUTRON CRYSTAL

The power of the wonderful crystals are known to all. They are the most reliable and have been used in the most difficult conditions.

Price **1/6**





LOUD SPEAKERS SUPREME

Better value than the Fellows Volutone, the Fellows Junior and the Fellows Lightweight Headphones simply does not exist.

Products of a Firm which has made a specialised study of acoustics for many years, designed and built throughout in our own factory and offered at prices made possible only by our policy of selling direct to the public, they are not merely good value, they are supreme value, and would still be so at double the price.

The "VOLUTONE" not only looks a fine instrument in the home but it gives a full rich reproduction which will fill a large room. It stands 20 inches high, has an adjustment for increasing volume and makes a fitting addition to the most expensive set.

The enthusiasm with which this Loud Speaker has been received all over the country coupled with our direct sales policy has enabled us to offer it at the absurdly low figure of 45/- (cash price forward). Post your cheque or Money Order to-night either direct to us or to one of our Branches and have a Fellows Volutone on SEVEN DAYS' FREE TRIAL. If you are not more than delighted we will return your full remittance without question.

The "JUNIOR" is now offered in an improved form, 19 inches high, adjustable diaphragm for 13/6 (cash price forward). It will fill any ordinary sized room with clear sweet tones, and being designed throughout by experts it will give results with which no loud speaker assembled at home from parts can hope to compete.

The LIGHTWEIGHT HEADPHONES weigh only 6 ounces complete with cords. They are sensitive to the weakest speech and music, are extremely comfortable, and being made of Duralumin, they will neither rust nor tarnish. Their price with or without 11/6 (post 6d.) and like the Volutone and Junior they can be obtained on 7 days' FREE trial.

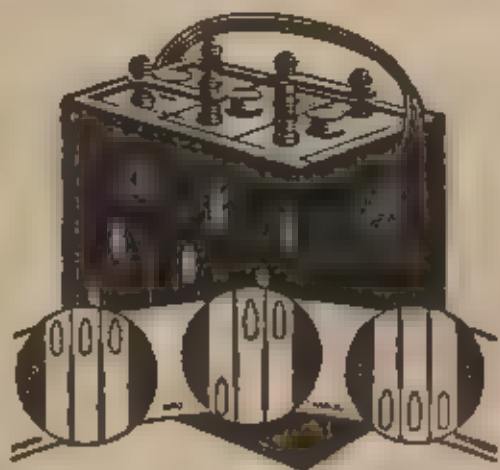
Do not hesitate, send your order now.

FELLOWS, PARK ROYAL, N.W.10.

WRITE FOR
50p.
ILLUSTRATED
CATALOGUE
No. 10
FREE

Branches:
LONDON: 20, Mark St., Tottenham Court Rd. W.C. (Mussons 1207).
BIRMINGHAM: 50, Corporation Street (Central 226).
BIRMINGHAM: 3, Queen's Road (Birmingham 1397).
CARDIFF: Unionist Arcade, Queen Street (Cardiff 7665).
LONDON: 15, Park Lane (Leeds 2147).
NOTTINGHAM: 20, Bridewell Gate (Nottingham 524).
TONBRIDGE: 34, Quarry Hill (Tonbridge 112).

BUY DIRECT AND SAVE MONEY



Oliver for short

The loud-speaker's voice dies away as though it had an appointment somewhere else; the valve filaments blush red for a moment lose interest and die; there is a silence cold and solid as yesterday's suet pudding; the accumulator's run out.

You'll never find a P. & R. Gravity Float Accumulator twist you out of half the programme like that. It always gives you warning. Like Oliver it asks for more. Its floats tell you at any time how far off total discharge it is.

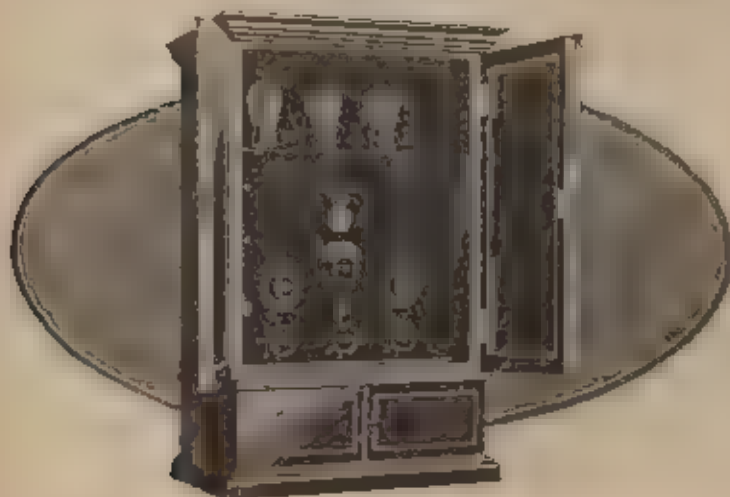
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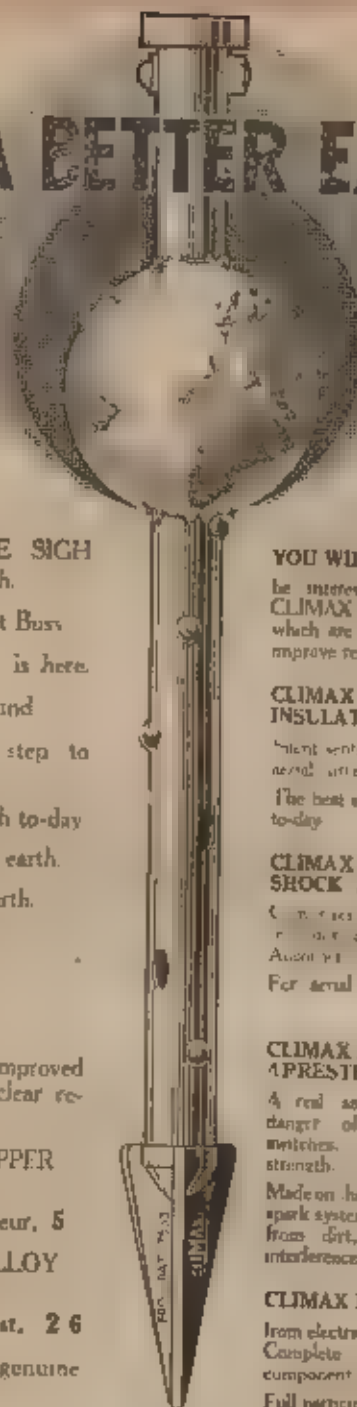
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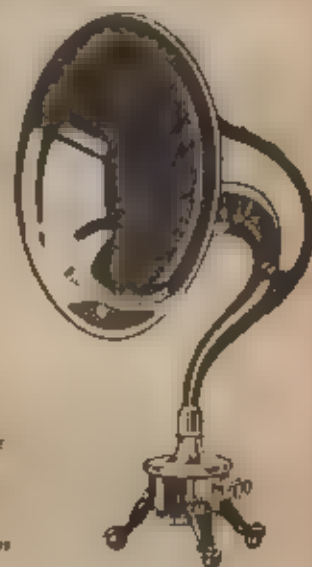
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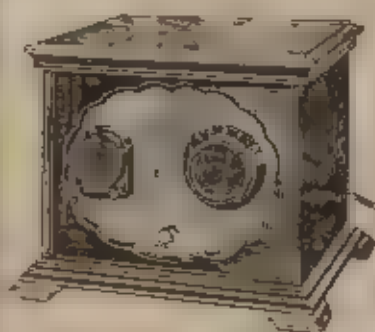
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