

## FULL PROGRAMMES FROM ALL STATIONS.



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## The Way They Have In America.

## II.—Broadcasting Football. By HAMILTON FYFE.

[Mr. Hamilton Fyfe, one of Fleet Street's best-known journalists, has lately been on a visit to America, where he made a special study of broadcasting conditions. In the following article, the second of a short series specially written for *The Radio Times*, Mr. Fyfe describes an American football game and tells how a continuous description of the play is broadcast from the field by an eye-witness. This is of special interest to British listeners just now in view of the fact that arrangements have recently been made whereby the B.B.C. will broadcast descriptive eyewitness accounts of important events during the coming year.]

THE second period is now beginning. Heftmann is making a run. He is down—no, he races on. Now they have him. Chicago have gained eighty yards. Greenberg has made a fine forward pass and Sleason caught it beautifully. He is running now.

So the man in the glass box spoke. He spoke as if he were telephoning. He was telephoning, but in the box was a microphone, and his voice, when it reached the radio station in Chicago, was broadcast into hundreds of thousands of homes all over the country.

Every Saturday in all parts of the United States football matches are reported in this way by wireless during the winter, and baseball games during the summer. Huge numbers of 'fans,' who would like to be on the ground, follow the play at a great distance, and get a very fair share of the excitement which the spectators feel. Newspapers send their reporters and broadcast the descriptions from their own stations.

One night I went up to the *Chicago Daily News* broadcasting station. It is at the top of a big hotel—just an ordinary suite of

two rooms. Here men on the staff of the paper broadcast short talks. The foreign editor discusses international politics. The sporting experts have their half-hours. For the rest, the programmes consist almost entirely of music.

It is, of course, very expensive for the newspapers who run their own stations in this way, but it advertises them to a vast public. They seem to think the money is well laid out. I asked if they were not afraid that wireless would give people all the news they wanted and so reduce the sales of the papers. I was told that, on the contrary, more interest was taken in the football and baseball pages than ever before. Women who had not been at all interested in games were thrilled in large numbers by the broadcast accounts of play, and became eager readers of the sports section. There has also been a big increase in the attendance of women at football matches since the games were first broadcast.

I WAS surprised to see so many women in the immense arena which surrounds the Chicago University sports ground. Round about the special box reserved for the President of the University, where I was invited to sit, there seemed to be as many women as men; all those whom I could see followed the game with keen appreciation of its points. I got a great deal of information from one who was sitting next to me—and I needed it. The American game of football is entirely different from both our Rugby and Association. I suppose it began by being Rugby; it has now developed into something quite distinct.

Nevertheless, even I, picking up the rules

as I watched, could see that to spectators who know all about it, it is an attractive and exciting game. I will attempt no exact account of the mode of play. It is far more complicated than British football. Proof of this is furnished by the fact that besides the referee, there are required a field judge and an umpire, with linesmen as well.

Instead of forming a 'scrum,' as in the Rugby game, the players line up facing one another and the captain of the side which has the ball throws it to one of his men. Each forward then tries to clear a space for this man to run by 'taking care of' his opposite number—that is to say, by charging him, tripping him up, sitting on his head. However, the occasions on which these tactics succeed are very few. Runs of any length are rare. For most of the time the players are piled up in writhing, wriggling heaps, with the man holding the ball at the bottom. Yet the game is not, as a rule, rough. The accidents are not much more frequent than in Rugby matches. When they happen, substitutes for the men withdrawn can be put into the field.

More than that, the 'coach' who directs the play and instructs the captain what to do can at any moment take any uninjured man out of the team and put another in. For the game that day in Chicago the University had forty-two players on the field and the visiting University forty-six. According to the nature of the tactics required, the 'coach' varies his eleven. On rows and rows of benches sit the 'reserves,' huddled in their overcoats, longing to be sent into the fray. When the coach gives one of them the coveted order, the man so favoured throws off his wrap, runs on to the field, tells

(Continued overleaf.)





## Radio in the Inn

IT is Sunday evening.

In the low parlour of a village inn, tucked away in the green depths of the Forest of Dean, the usual company has gathered, and the usual talk is going round, just such talk as you might have heard here a century or more ago, for the inn is very old. Its seats and its wide-flung floors are worn by generations of men from the villages nearby, and the tall oil lamp sheds a warm and mellow radiance which heightens the colour in the ruddy faces of the foresters and accentuates the pallor of the few miners whose work is in the pits beneath the forest. Brasswork shines dully about the open hearth, and from the old pots of beaten pewter the light is reflected in cold gleams, like the light of the moon. There is a touch of art in the way these men handle their pots, with thumbs resting closely on the broad, uneven rims, and there is much more of art in the whole of this small picture of communal life in the Forest, where life moves with the slow simplicity of the seasons of the year.

Presently, in a lull in the conversation, one man takes out a watch.

'It'll be gettin' time for us to start up now,' he remarks.

Ay, Missus, calls another to the genial hostess, who is a busy participant in the chatter. 'It'll be time now, for sure. 'Ye'll not be sayin' we can't 'ave us to-night?'

'Ay, ye shall have it all right,' she replies. 'It keeps thee so good, I wou'dn't dream o' not lettin' ye have it now.'

She goes out, and in a second or so, the surprising, but familiar, sound of a loudspeaker is heard. The faint 'background' music dies away, and a voice announces clearly the number of a hymn. It is the beginning of the studio service. 'That'll be clearer than we ever 'eard us in church,' says one sturdy forester.

'Ay, Charlie, that'll be because thee 'aren't bin to church for this score years,' retorts another, and the laughter which follows develops into general banter as the hymn is sung.

But these men are not seafarers.

'Hold th' nobe an' let's 'ear on better,' exclaims a miner impatiently, and he goes out to stand near the loudspeaker in the hall.

Then, as the last line of the hymn ends, and the voice of the speaker begins, the conversation becomes subdued. The hush deepens to a silence which is as impressive as it is unexpected. The speaker in the B.B.C. studio in the heart of London has this quiet forest inn to himself. In a few minutes mugs are placed on the tables, drinks well-nigh forgotten, and the dropping of a pin could be heard in that little room. The men listen intently and seem to drink in every word to the end.

In the silence between the end of the sermon and the next hymn, a man speaks, and in a second the lively talk breaks out again.

The conversation this time takes on a note of seriousness, and it is evident that every point the speaker has made has gone home. Could he hear his talk thus discussed by these men, would he not feel it well worth while to be as helpful, as straight, and as honest as he could?

As I went out, the hostess told me that every Sunday brings an audience to the inn to listen to the sermon and the concert afterwards. 'Those men look forward to it all the week,' she said. 'It is a new thing in their lives.' L. B. POWELL.

## The Way They Have In America (Continued)

the umpire he is to take the place of Number so-and-so (all the players have large figures on their backs so that they can be easily identified by the spectators, who have programmes giving numbers and names). The umpire then tells Number so-and-so to quit. He goes off dolefully. The new man with radiant delight takes his place.

I must admit that, much as the game interested me, I carried away as my most vivid memory of that afternoon the picture of the 'cheer-leaders,' the young men who with megaphones and astonishing voices urge on the spectators to 'yell' encouragement to the players. There is not much spontaneous cheering; it is like the applause at the Westminster School Latin Play, where prefects sit in the front of the gallery and wave their oases when the boys behind them are to clap their hands.

This is what the undergraduates 'yelled' to encourage the Chicago fifteen:—

'Chi-ca-go, Chi-ca-go, Chi-ca-go, Go,

'Go-chics, Go-chics, Go-chics, Go—

Team, team, team, YEA!

Sometimes they varied it with:—

'Rah—rah—rah—rah

Go, Chi-ca-go!

or with:—

'Hello Hello, Chicago!

Rah, rah, rah, rah, rah, rah,  
Chicago, YEA!

Sometimes doggerel songs are sung; these are printed on the programmes, so that all may join in; further, each team has a band to lead the singing and play during the interval. Play lasts for an hour, divided into four quarters, with a break of some twenty minutes after the first two. During this break all sorts of refreshments are sold. The President of the University invited me to share with him a 'hot dog' which had been pressed upon his acceptance so warmly that he had not felt able to refuse.

During the interval as well as throughout the play the cheer-leaders were hard at work. Some of them would do credit to the Russian Ballet. One just behind me had wonderful rippling arms which he used with compelling effect to drag yells out of the crowd. Every gesture of his was significant, dramatic. He ended up every time with a leap into the air, coming down gracefully on one knee. Really the cheer-leaders work far harder than the players. They are at it all the time, shouting as well as throwing themselves about.

The men on the field seldom play a very fast game, and they have rests every half-minute or so, while the team which has the ball (this is the

essence of the American game) is told what to do with it. Formerly, instructions used to be passed along as the teams lined up, but this was liable to let the other side into tactical secrets. So now the players all gather round the captain, putting their heads together as if they were forming a 'scrum,' and are given their orders. I thought at first that they were taking their places for a Rugby scrimmage, and before the game was over I heartily wished I had been right, for the constant interruptions of play both spoil the continuity and waste time. I don't think a British crowd would have the patience to put up with them. We don't mind cricket being slow, but we expect football to be brisk, quick-moving, full of varied incidents and feats of skill which make the spectators cheer without any 'leaders' to spur them on, or any stereotyped forms of nonsense to act as moulds for their emotion. Baseball, to my mind, is more fun to watch than cricket, but American football is, for my simple taste, too elaborate, too highly mechanized. It excites, however, enormous interest.

'How many people, do you suppose, listen to your football reports?' I asked the broadcaster as we came away.

'Millions,' he said, briefly.

I don't think he exaggerated.



# London and Daventry News and Notes.

A SPECIAL programme to celebrate Dominions Day in Australia, which falls on Wednesday, January 10, will be given between 10.15 and 11.15 p.m. on that day from the London Studio. It will be an attempt to convey to British listeners something of the distinctive character of the great Commonwealth.

The Glee of the R.B.C. International Chamber Concerts, relayed from the Grotto Hall, will be broadcast on Tuesday, February 1. It will consist of contemporary Czech-Slovakian music played by the Zdena Quartet, the most prominent quartet of its kind in that country. There will also be pianistic solos played by the composer-pianist, Karel Schulhoff. Schulhoff is associated with a great deal of propaganda work for the most modern music of all countries, and his style has been described as being between Stravinsky's and Schönberg's. The Daventry programme during this Chamber Music Concert will consist of selections from Musical Comedies, relayed from Manchester.

An introductory talk to a series of extracts from the Bible under the heading of "Tales from the Old Testament" will be broadcast on Sunday, January 10, the series starting on January 21. This should be a feature acceptable to all listeners, both as good literature and good familiar dramatic stories. They will be given every Sunday at about 5.15 p.m. for some weeks. The introductory talk is by Professor Moffat, the eminent Scottish Wesleyan, whose translation of the Bible into Modern English has caused much interest.

Debussy, holding, as he does, an unassailable position among British composers of this generation, has never received the recognition in this country which others, particularly Germany, have accorded him, until recent years, when Sir Thomas Beecham was responsible for awakening a new interest in his work. Most of his life has been spent abroad, and he is now an invalid, paralysed, almost blind, and has little or no opportunity to hear his own music. When some time ago he listened to some of his orchestral pieces being broadcast from London he was much affected. In his honour an hour of his music will be broadcast on Sunday afternoon, January 30. His birthday falls on the previous day, but Sunday is perhaps more suitable for a concert of this nature.

Another long play—others having proved so immensely popular—will be given on Friday evening, February 6, between 9.30 and 11 o'clock. *The Chinese Puzzle*, in four acts, by Marian Bowser and Cecil M. Lums, has been chosen, and the last named poet-author will supervise the production. The play was first produced at the New Theatre in 1918, and Miss Ethel Irving will play her original part of "Naomi Mekham". The part of the "Mistress Chi Luan" will be taken by Mr. Victor Snythe, an actor who has become very popular with Manchester audiences.

## Forthcoming Variety Items:—

**SATURDAY, JAN. 22.**—Two Bobs (Syncopated Duetists); The Musical Avalons (Xylophone Trio, who are reputed to possess the largest xylophone in the world).

**MONDAY, JAN. 24.**—Oliver Messel (who will be remembered for his imitations of a lantern lecture in Mr. George Grossmith's recent programme); Charlie Kid (comedian) in a new humorous sketch; Harley and Barker (syncopated numbers at the piano).

Frequent requests are received from listeners for a Jewish programme or for songs sung in Yiddish. To meet this demand a Jewish Concert, lasting from 7.45 to 8.45 p.m. has been arranged for Wednesday, February 2. Further particulars will be published in due course.

It is hoped that the Hungarian String Quartet, the leading Chamber Music organization of Hungary, which will be visiting this country on a concert tour, will broadcast a programme of chamber music from Daventry, between 9.45 and 11 p.m., on Monday, January 31. It will be remembered that this Quartet took part in the first of the series of International Chamber Concerts from the Grotto Hall.

The popular ballads in this and the last generation include scores with words written by F. E. Weatherly, among them such famous songs as *The Rudy City*, *The Midshipman*, and *Money Lee*. On Wednesday, February 2, Cardiff Station is relaying from Bristol, of which city Mr. Weatherly



Sir JOHN MARTIN HARVEY.

the famous actor-manager, who is to act in *Rouget de l'Isle* from the London Studio on the evening of Monday, January 10.

is a native, a special programme, when a lecture-recital by Mr. Weatherly and many of his songs will be broadcast. This programme is also being relayed to Daventry listeners.

A new revue, entitled *A Year in an Hour*, written and composed by Ernest Langstaffe, will be given from London on Saturday, January 22.

An hour of selections from revues, such as was given some weeks ago by the Wireless Orchestra, conducted by Mr. John Ansell, will form the first part of the evening programme on Friday, February 4.

Mr. Percival J. Ashton, who is well known as the founder of the "Londoners' Circle," has arranged a programme dealing with Old Hampstead, which will be given from the studio between 10.30 and 11 o'clock on Thursday, January 27. Hampstead is full of historic interest, and Mr. Ashton will reconstruct some of the famous scenes and personages connected with its world-renowned Heath, its old houses and fens.

An hour of variety will be given as the first part of the evening programme on Monday, January 31, after which listeners will hear a debate lasting half an hour until 9.15. Details of this latter feature will be announced in due course. Subsequently, selections of French Comic Opera Bouffe, taken from the operas of Offenbach, will be transmitted. Among the interesting characters to be portrayed are the Grand Duc de Gerolstein, the two Gendarmes, from *Gendarme de Reims*, Gendarmes, from *Le Vie Parisien*, and Stella, from *Le Fils de Tancrède Major*. The programme is a repeat performance of the one arranged by George Grossmith, with lyrics by Adolphe Ross and music arranged by John Ansell.

The afternoon programme on Saturday, February 5, will consist of popular operatic selections and a number of choruses conducted by Mr. Stanford Robinson. The evening programme on the same day will take the form of a Military Band Concert, variety items, a revue, and a special programme relayed from the Guildhall, Plymouth.

The choir of St. John the Evangelist, Wilton Road, specially noted for its unaccompanied singing, will take part in the studio service on Sunday, January 10. Besides giving the usual service items, it will also be heard in a short programme of special music. The address at this service will be given by the Rev. G. P. Pollard, Curate in charge. The Week's Good Cause appeal that evening, on behalf of the John Benn Hostel and Milner Hall, will be made by Mr. J. J. Mallon, of Toynbee Hall.

The evening programme on Sunday, January 30, will be given by the Casano Quartet, Fominskoff, the famous pianist, and Miss Noel Eddie (soprano), interspersed with a reading by Mr. J. C. Squire of the *Death of Socrates*. This is one of the most famous death scenes of literature and comes out of Plato's *Phaedo*.

Although the greater part of the "Burns Night Celebrations" on Tuesday, January 25, will be done by Scottish stations, London will pay its tribute to the poet with a special feature between 10.30 and 11 p.m. This will consist of a short recital of Burns' poetry and some of his songs. The poetry will probably consist of a reading of "Tam O' Shanter" by Professor George Gordon, Martin Professor of English Literature at Oxford, and the songs will be sung by Mr. Andrew Shank, the well-known B.N.O.C. artist.

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

**MONDAY, JAN. 17.**—Mr. H. G. Ponting: School talk: "The South Pole." Professor G. Elliott Smith: The Movements of Living Animals. Monsieur Stéphane: First of a new series of French readings from Molière's "Le Bourgeois Gentilhomme."

**TUESDAY, JAN. 18.**—Professor P. J. Noel Baker: First of six talks on "Foreign Affairs and How They Affect Us."

**WEDNESDAY, JAN. 19.**—Mr. A. Lloyd Jones: School talk: "Our Native Tongue." Mrs. Rhoda Power: Village Life in Olden Times. Sir Francis Ploud, Secretary to the Ministry of Agriculture: Sugar Beet. Professor V. H. Mottram: Present Day Problems of Food.

**THURSDAY, JAN. 20.**—Mrs. H. A. L. Fisher: School talk: "Before and After the Great War: a Hundred Years Ago." A. Bonnet Laird: New Series of Open-Air Talks.

**SATURDAY, JAN. 22.**—Madame de Wolcott: Some French Novels.



# News From the Provinces.

## CARDIFF.

THE high quality of its unaccompanied singing, for which Cardiff Musical Society is renowned all over the country, is mainly due to the enthusiasm of the late conductor, Mr. T. E. Aylward, who is still affectionately known as 'The Old Man.' Before the society's concerts were broadcast, its largest audience was at Wembley, but on Sunday, January 23, when the Cardiff Station will broadcast its second concert of the season, several other stations will also be relaying the programme.

An unusual play, entitled *In the Dark*, will be given on Thursday, January 27. It is an adaptation by Gilbert Horn of Ernest Brinham's story, 'The Game Played in the Dark.' The hero is a blind man, and his feats would seem almost incredible were it not that those bereft of sight often develop listening to such an extent that it seems to stimulate a sixth sense. The achievements of Max Cartados, the blind detective, will prove a real thriller. Miss Flora McDowell will play the part of Nina Dompierre, a French-Italian adventuress.

The light symphony concert on Thursday afternoon is proving very successful with two different types of listeners—those who used to believe that Haydn and Mozart were beyond them and, therefore, dull; and with musicians, many of whom have written to say that they rejoiced to have the opportunity of hearing good music in an afternoon programme.

## SWANSEA.

INCLUDED in the forthcoming programme of talks from the Swansea Station is a series of short sketches tracing the birth of Jugo-Slavia from the murder of Alexander and Draga, in 1903, to the present day. The talks will be given by Mr. W. N. Medlicott, Lecturer in Modern History at University College, Swansea. Mr. Medlicott has had an opportunity of studying his subject at close quarters, and has been fortunate in securing access to important sources of information in Eastern Europe.

## LEEDS-BRADFORD.

THE Lord Mayor's Children's Party, which is given every year in the Town Hall, Leeds, takes place on Thursday, January 20. The entertainment will be provided largely by various artists appearing in pantomime in Leeds, and will be broadcast between 5 and 6 p.m.

## SHEFFIELD.

A PROGRAMME of unaccompanied choral numbers will be given by the Doncaster 'Brooklin' Choir, conducted by Arnold Williams, on Wednesday, January 10. This Choir began its career three years ago in a modest hayloft. By means of hard work and good training, it now takes a high place in the musical activities of the district. Miss Hilda Francis, who will contribute to the programme a number of pianoforte solos, is well known in Sheffield, especially for her broadcast work.

## STOKE-ON-TRENT.

A PROGRAMME of operatic excerpts from *Carmina* and *Rigoletto* is to be given on Wednesday, January 10, the artists being Miss Edith Mayland, Miss Ethel Potts, Mr. Frank Edgo and Mr. Cecil Cooper.

The third of the talks on local industries will be given on Thursday, January 20, by Mr. A. J. Dale, his subject being 'Production of Firebricks, Past, Present and Future.'

## MANCHESTER.

A SYMPHONY Concert of exceptional interest has been arranged for Sunday afternoon, January 10. Glazunov's rarely-played *Concerto for Violin and Orchestra* will be one of the principal items. Mr. Don Hyden playing the solo part and Mr. T. H. Morrison conducting. This work, which is very heavily scored, is typical of the composer's style and the prevailing atmosphere is one of brightness. Vocal items will be given by Miss Helen Askelton, a well-known local contralto.

Opera lovers should make a point of listening on Monday, January 17, at 9.30, when a programme composed entirely of operatic excerpts will be given. Well-known arias will be sung by Mr. Stuart Robertson (baritone) and Miss Alice Moxon (soprano), while selections will be played by Foden's Motor Works Band.

The special programmes consisting of short recitals of songs or different instrumental works recently broadcast from Manchester have proved so popular that another is to be given on Tuesday, January 18. The recitals on this occasion will be given by Mr. Charles Birtles, solo trumpet; Mr. Con. Conrad, whose romantic rise from cinema pianist to millionaire song composer is well known, in some of his latest successes; Mr. Alfred Barker, violinist; and Mr. Parry Jones, tenor.

In response to a general demand, another programme of Army songs and sea shanties by Mr. George Hill and a chorus of male voices, has been arranged from the Manchester Station on Friday evening, January 21. The famous marching song of the late war, 'Mademoiselle from Armentieres,' will be included. Later that evening there will be a short concert of Mendelssohn's chamber music and songs, given by the British Trio and Miss Ethel Davison (soprano).

## LIVERPOOL.

THE Wavertree Male Voice Choir, which has done admirable work in Liverpool during the past year, will give a broadcast performance on Thursday, January 27. On the same evening, three distinguished artists, Miss Mavis Bennett (soprano), Mr. Dennis Noble (baritone), and Mr. Ronald Gourley (the blind pianist and entertainer), will also broadcast.

## NOTTINGHAM.

CLIFTON Colliery Prize Band, one of the finest in the district, will give a concert from the studio on Wednesday, January 10. The programme will also include songs by Mr. Angus Nichol (baritone).

## PLYMOUTH.

THE local programme on Wednesday, January 10, is particularly attractive; Miss Florence Odham and Mr. Thomas Handley, those well-known radio entertainers, will contribute several items. Miss Alice Lakin (prima donna contralto) will also be heard, as well as Mrs. Edith Jervis, who will play some violin solos.

Mr. F. S. Russell, of the Marine Biological Association's Laboratory, Plymouth—the only one of its kind in the British Isles—will give a further talk in his series on 'Sea Life' on Tuesday, January 18. On the following afternoon, Mr. C. W. Backen will begin a new series of Nature talks, the subject of his first being 'The Oak and other Galls.'

The religious service on Sunday, January 10, will be relayed from St. Andrew's Parish Church, Plymouth, the preacher being the Rev. Gabriel Harris, Vicar of Walkhampton Church.

## BOURNEMOUTH.

THE first of the full evening services to be relayed at intervals during the year, will be broadcast from Christchurch Priory on Sunday, January 10. Christchurch Priory, as is well known, is one of the most interesting and beautiful churches in Wessex, a district which abounds in fine churches. The preacher will be the Vicar of Christchurch, the Rev. W. H. Gay.

The latter part of the evening programme on Wednesday, January 10, will consist of a Shakespearean programme. Two of the Greenleaf Players, a dramatic movement which has its English home on the borders of the New Forest, and is well known in America, will give the delightful scenes between Julia and Lucetta, and Julia and Sylvia, from *The Two Gentlemen of Verona*. These scenes formed part of a performance recently given by the Greenleaf Players in Bournemouth. Other scenes and speeches, and selections from the incidental music which has been written for some of the plays, including portions of Mendelssohn's music for *A Midsummer Night's Dream*, also form part of this programme.

Schools in Wessex which already possess wireless sets, or are thinking of installing them in the near future, will be interested to learn that the whole of the School Broadcasts from London and Daventry, between Christmas and Easter, will also be transmitted through Bournemouth. Among those who will be heard from time to time are Sir Walford Davies, Mrs. H. A. I. Fisher, and Mr. J. C. Stobart, the B.B.C. Talks Director. Concerts for Schools which are given on Friday afternoons, in conjunction with the People's Concert Society, will also be relayed.

Secretaries of Women's Institutes should note that an interesting series of talks by Miss Rhoda Power on 'Village Life in Olden Times,' as well as some of the other London afternoon talks, will also form part of the Bournemouth programme from January onwards. The Wireless School Term, and other portions of the afternoon programmes from London which are being relayed, are arranged to start during the week commencing January 16.

## HULL.

THE Rev. H. F. Johnson, Minister of Lambert Street Primitive Methodist Church, will take the studio service on Sunday, January 10.

The local programme on Wednesday, January 10, will be given by the Hull Gleeman, Bert Copley (entertainer), Nina Efonora and John Sigill.

## BIRMINGHAM.

THE Worcestershire Association of Musical Societies is holding its opening concert on Thursday, January 20, when the proceedings will be broadcast. The guest conductors are Dr. Adrian C. Boulton, Conductor of the City of Birmingham Orchestra, Mr. Joseph Lewis, Musical Director of the Birmingham Station, and Mr. John W. Austin. The concert, which begins at approximately 7.45, will be introduced by remarks descriptive of the scheme by Mr. Stewart Wilson, who is also the soloist in the excerpts from 'The Messiah,' which will be conducted by Mr. Lewis and Dr. Boulton. Sir Hubert Parry's work, 'Jerusalem,' is also included in the programme.

A Shakespearean Hour will be broadcast on Saturday, January 23, when selections will be given by Mr. William Macready and Miss Edna Godfrey-Turner. As a musical setting, songs will be provided by Miss Gertrude Dyer.



# Strange Creatures of the Deep.

By F. A. MITCHELL-HEDGES

*[Mr. Mitchell-Hedges is equally well known as an explorer and as a deep-sea fisherman who has captured, on hook and line, some of the most formidable monsters of the deep. We print below his account of some of his experiences in tropical seas, which he recently broadcast from the London Studio.]*

I HAVE been asked by innumerable listeners all over Britain, what is the largest fish I have ever caught on hook and line. Let me begin by answering that question.

While fishing from our little yacht, the *Cara*, in the Pacific, Lady Richmond Brown and I on one occasion hooked an enormous fish. It was over five hours before we finally killed and beached it after a tremendous struggle. It was a sawfish, weighing approximately 5,700 lbs.; a photograph of this hideous creature appears on this page.

And now let me try to give you an idea of some of the weird sea-creatures I have found and captured. This year Lady Richmond Brown and I, with the help of some natives, set a net some hundreds of yards in length, close to our island of Water Cay, in the Caribbean. It fell from the surface, where it was buoyed with corks, to the bottom.

One morning, as we stood on the shore, we noticed that the surface corks in the centre of the net had entirely disappeared, while the ends of the net were drawn in close to one another. Rowing out in our dinghy, and looking down into the water, we saw an extraordinary apparition. In shape it resembled a bird more than a fish. Its enormous wings were stretched out, while the head had become entangled in the net mesh. It was impossible to free the creature, so the entire net, together with the captive, had to be towed ashore. It was a troublesome business, and when it was finally landed it proved to be a whip-ray, measuring from the tip of the nose to the end of the long, whip-like tail 13½ ft., and 8 ft. across the wings. Its weight was 630 lbs. The tail itself was 8 ft. long. The strength of these creatures' jaws is tremendous. Inside the mouth are crushers capable of such power that the whip-ray can pick up that large mollusc, the conch, which weighs several pounds, and crush the shell which it takes a man all his strength to break with a hammer. The creature eats the pulpy substance within, and spits out the shell. The tail of this strange fish is armed with four long daggers, serrated and barbed at the edge like fish hooks—a terrible weapon with which to be struck.

One of the most peculiar creatures I have ever captured is a fish 2½ ft. long. It is

shaped like a knife and a third of its length is composed of a curious cutlass-like bill.

There is no doubt that millions of years ago the sea swarmed with gigantic life, terrifying in shape and appearance. On land grotesque and loathsome reptiles and insects abounded. In that hot period of the earth's history there was no need for four-chambered hearts, fur, and feathers. Eggs

backwards and forwards. Although harmless, its size terrifies the native fishermen.

There can be no doubt that there are creatures in the sea to-day that will on occasion attack and destroy large moving objects; and of these marine monsters the world knows little or nothing. But throughout the tropics, the many reports of boats overturned and lives lost are too well authenticated and circumstantial to be regarded as merely stories.

Not so long ago, from the island of Water Cay, two natives put out in their little boat, laden with fresh fish for the mainland. Two miles away is another long, low island, and between Water Cay and that lonely, uninhabited patch of green rising from the ocean, these two islanders disappeared. Their boat was found beneath the shallow water; and the sea must for ever hold the secret of the fate that overtook them—of the terrible creature that overturned their craft and left no trace of either of the two men behind. That they were destroyed is certain, as both men, like all these islanders, were almost amphibious, and could with ease swim the two miles of sea that lay between the islands.

Recently a native sailing along about a mile and a half from Water Cay, was startled by seeing an enormous brownish mass rise to the surface. Petrified with fear he watched the huge octopus move across towards him; suddenly the spell was broken. He leapt to his feet, smashing and beating the water with his paddle, and in a frenzy flung a heavy pole that he was carrying at the creature. Its tentacles immediately closed round the pole, and the octopus slithered with it beneath the surface. The native paddled desperately for the island, and aided by

a strengthening breeze reached it safely. By flinging the pole he had averted a tragedy; otherwise another man would have mysteriously disappeared.

I have recently discovered another ocean pest. It is a microscopic creature which abounds in some tropical waters. While bathing one is ignorant of its presence; but a few hours afterwards one's body is subjected to the most extreme irritation, and soon becomes covered in small red spots very much like measles. The inflammation produces a high fever which lasts for several days.

Very little is known to-day of diseases in fish, though it is realized by a few that fish suffer from an ichthyoid counterpart of many complaints that are common to man. I feel convinced that the day is not far distant when it will be recognized that a systematic examination of life in the sea will prove of enormous benefit to humanity.



A RECORD CATCH.

Mr. Mitchell-Hedges and Lady Richmond Brown, with the largest saw-fish ever captured on hook and line. This monster, which weighed 5,700 pounds, was caught in the Pacific Ocean off Panama.

latched out in the hot air and the young needed no covering.

Because of the same hot, steamy conditions existing to-day in the tropics, we find huge fish in these warm seas, and extraordinary creatures on land; many being the direct descendants of those existing millions of years ago.

You may have the worst possible nightmare and conjure up in the imagination all that is repulsive and loathsome so that you shiver at your very thoughts, yet there are creatures living to-day beneath the seven seas which are beyond anything the wildest imagination can conceive.

Outside the reef, within 500 yards of our island of Water Cay, that immense creature, the whale shark (*Rhinodon typicus*), which grows to a length of 60 ft. or more, a direct descendant of the great life which existed millions of years ago in the ocean, cruises



## The Children's Corner.

## The London and Daventry Radio Circle: 10,000 on the Roll.

**L**ISTENERS will be interested to learn that our attempt to raise the membership of the London and Daventry Radio Circle to 10,000 by Christmas was very successful. The size of the family up to December 25 was just over 10,000. It is to be hoped that, now that only Radio Circle members have the privilege of hearing their names read out on the Birthday Greeting lists, the number will steadily increase.

At the moment of going to press, the eighth collection of silver paper is ready for removal. It is not only the biggest collection yet made, but has also grown more quickly than any other. We are ready for the ninth, and shall be glad to receive (on behalf of the Children's Hospital Wireless Fund) all the tin and lead foil that listeners can send us.

This is the first opportunity we have had—and we hasten to seize it—of thanking listeners for the showers of good wishes, cards, letters, and other things that fell upon the Children's Corner at Christmas. It has been quite impossible to reply in every case, partly for lack of time and partly because quite often no addresses were given. Will everybody please accept this as a warm and grateful "Thank You!"

## Next Week's Programmes.

On Monday, January 10, there will be piano solos by Mrs. K. A. Wright—better known to Children's Hour listeners as "The Cloud Lady." There will also be songs by Mr. R. F. Palmer.

On Tuesday, January 11, we are to have selections by the Arcan Trio—piano, viola and violoncello. There will also be verse recitations (from her own compositions) by Miss Edith Reynolds. Her items will be accompanied by music composed and played by her brother, Mr. Alfred Reynolds. Another item on the same day will be a story called "Cracker of the Cage," written by Mr. H. Mortimer Hatten.

On Wednesday, January 12, Mr. Leonard Howings will sing. There will also be a story written by Baroness Orczy—the famous author of "The Scarlet Pimpernel." It is called "Out of the Jaws of Death," and tells of a thrilling incident in the French Revolution. Another feature of this day's programme will be a Railway Dialogue on "Fighting the Snow," specially written by Mr. Cecil J. Allen. On this occasion the Guide and his Lady Companion will once more be wafted magically to Switzerland, where the problem of fighting the snow on railways is a serious and never-failing one in the winter.

On Thursday, January 13, there will be piano solos by Miss Hilma Dederich. There will also be a story written by Mrs. Mabel Mathews, entitled "Caraway Cake," and Mr. L. G. Mainland will talk to his "Thursday Zoo Class" on "The New Zoo."

On Friday, January 14, we are to have violin solos by Miss Peggy Cochrane. Besides that there will be two stories—"To Your Good Health!" told by Kathleen Denham (a new visitor to the Children's Hour), and another of Peter Martin's "Sandy" yarns, entitled "The Tackling of the Burglar."

On Saturday, January 15, there will be selections by the Daventry Quartet. There will also be a story by Mr. Geoffrey Bevan, "The Tale of the Lost Court Wizard," and, in addition, a competition of some kind or another, the exact kind being at present unknown.

On Friday, some vocal items will be given, among them Sir H. Walford Davies' *Songs of Innocence* and the *Hindu Song*, by Rimsky-Korsakov. Wednesday will bring another "Life of a Famous Irishman"—this time, the Duke of Wellington. Miss Edith Murphy, who is responsible for the "Famous Lives" series, will also tell a further adventure which befell Seth Snail and his little sister. Among the instrumentalists this week will be two old favourites—Uncle Eldon, who will play clarinet solos on Tuesday, and Cousin Marjorie, who will play her 'cello on Thursday. Miss Dorrie



A CHILD OF THE RADIO AGE.

"What makes the radio squeal so, Johnny?"

"Well, mother, if you must know, what you call squeals are really the self-oscillations of the thermionic valves, brought about by altering the potentials of the high and low tension batteries and varying the relations of the capacitance and inductive quantities in the receiver."

Steele, a new-comer to the Children's Hour, will be heard on Monday in some popular items for solo violin.

## Well Done, Leeds!

The Christmas appeal for toys for the poor children of Leeds met with a wonderful response, and gifts were sent to seven of the poorest schools in Leeds, and a similar number in Bradford. In addition a large number of gifts were distributed at the Children's Orthopaedic Hospital at Kirby Moorside. Uncle Bob would like to thank all who sent gifts for their kindness.

## Some Good Things from Manchester.

On Monday, January 17, "The King's Breakfast," by A. A. Milne and Fraser-Simson, is being given during the Manchester Children's Corner. In the form of a song-story piano recital. Tuesday will be devoted to Scottish music, when the "Sunshine Trio" will play a selection of Scottish Reels and traditional Scots music. The record of the "Seen From the Magic Casement" series will be given on Wednesday. It describes life on "The Shores of the Sea." MacDowell's Sea Scenes have been asked for several times, and two or three of these will be played on Thursday. There have been requests for more of the "Something To Do" series, so Mrs. Dora Newton has written another short talk, entitled "More Nursery or Playroom Decorations," which will be read on Friday. The Sunshine Trio is playing three numbers from Elgar's "Wand of Youth."

## Our Radio Burglary Alarm.

**N**OTHING annoys Dad more than to have the loud-speaker "left on" by whoever is the last to leave the room where it barks forth with a calm and unruffled dignity that is all its own. Accumulator "charges," of course, are Dad's excuse, and I suppose he is right, especially, as he is the one who has to pay them!

The other night we all went to the theatre, leaving the house empty. During the first act, I suddenly remembered that I had omitted to switch off before leaving home! Dad, I knew, would be the one to unlock the door on our arrival home and enter first to turn on the light in the hall.

He did so, just as I feared, and at 11.30 we entered the house to the enchanting strains of the Savoy Orpheans. In a rage, father rushed into the room and switched off with an awful threat to do away with the set altogether. After a while, he cooled down a bit, but he was still very sore.

Just as coffee was being handed round, a peremptory knock on the front door brought us to attention with a start.

Philip went to the door.

"Good evening, sir," we heard, in an official tone. "I've come round from the police station. Have you had a look round to see if everything is all right? There's a young fellow round at the station who was arrested near here on suspicion, and has decided to make a clean breast of it. He says he thought that you had all gone to the theatre and broke in at one of the windows at the back. May I inspect the premises?"

By this time we were all smiling, open-mouthed in the hall. Dad gave a ready consent to the police officer's request and we all went trooping upstairs at his heels.

Sure enough, the bathroom window had been forced, and there was a burglar's jemmy lying near the bath.

"At any rate, he doesn't seem to have taken anything," said Dad, after a careful search through the rooms.

"No, I expect when he heard the gentleman talking, he got a shock and bolted straight away, sir. The constable on duty saw him and stopped him as he was running away. The man said he had made sure you had all gone out for the evening. Lucky you hadn't."

"But we had!" exclaimed Dad. "I don't understand."

"You don't?" I almost shouted. "Well, I do, and I don't mind confessing now that it was I who 'left on' the loud-speaker when we went to the theatre. What the burglar heard as he listened at the top of the stairs must have been someone speaking over the wireless."

What an answer I shall always have ready to Dad in the future! Possibly, he will actually ask us to leave the loud-speaker on whenever we leave the house as a sort of burglary insurance.

HOSORD MOUNTAIN.

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## A Breath of Fresh Air.



[In this column A. Ronald Laird—whose series of fortnightly talks, 'Up Hill and Down Dale,' starts on January 6—answers some of the many letters he has received lately from nature lovers.]

## The Seagulls' War Warning.

Is anybody better able to notice all pleasant signs of the changing year than a country postman? I hope 'Rustic,' passing with vigilant eye along his Scottish beat—noting the weasels and stoats hunting in their winter coats, watching the farmers 'hocking' (lifting their winter potatoes), listening to the seagulls' chatter as they rest from their feeds on the garbage heaps—will write to me again.

When the time comes to gather in a book (as I mean to do), all these Nature notes listeners have sent me, I shall not fail to preserve that wartime legend, that when the seagulls flew inland crying, there was a battle at sea.

## A Domestic Struggle.

One solitary tit comes home, these winter evenings, to a nesting box in E. M. C.'s garden (at Chopwell, Co. Durham); and thereby hangs a story.

For last nesting season, when the box was arranged, the entrance hole was thought to be too large, and a wooden ring was fixed in to make it smaller. That made it too small, and a pair of tits, who coveted the dwelling, could not get in until they had pecked the ring away, and even then had to fight, at the door of their home, an intruding sparrow whom the male tit finally chased away, hanging on to its tail.

Is the solitary tit keeping sentry-go against the coming spring? Do birds see so far ahead as to prepare, in January, for the year's nesting?

## The Worm that Turned Too Often.

Here is a dog story from Hampstead—the hero, a brown and white spaniel, brought as a puppy from its country home.

When baby arrived, he took upon himself to act as protector, hunting the house for help when baby cried in the garden. One day, nothing seemed wrong, baby was happy, but the dog persisted, and worried the mother, till she saw a tiny tail coming out of the dog's mouth. She opened the mouth, found there a beautiful little worm, nearly suffocated with a worm, which had wound itself round and round his throat. The bird had been carefully picked up, and carried, as only a sporting dog could. The worm was quickly unwound, and the bird flew happily away.

## A Bird's Mausoleum.

Can any of you explain this?

Builders' men, near Loughton, in Essex, while at work on a house, found in a gutter a house-martin's nest, but with no entrance. Search showed, however, that there had been an entrance, which had been filled in, apparently by the builder of the nest, from the outside, and in the nest they found the skeleton of a bird, which they think was a sparrow. 'D. W.'—and I—would like to know if anyone can supply a clue to this mystery.

Livingstone and others tell of the cock hornbill building the den into the nest, so that only a small window is left through which to feed her; but I never heard of martens doing the like, and anyway, in this case there was no window.

[This cock's price—a copy of 'My part of the Country'—goes to Mrs. C. Macdonald Munro, Quadrant, North Berwick.]

## Listeners' Letters.

From Lady Aberdeen.

I AM sure your readers will be glad to hear that the wireless set obtained by their generosity, through Captain Penfold, in response to my letter in *The Radio Times*, has now been installed, for the benefit of the District Nurse and her friends on the lonely island of Inchbaffin, off the West Coast of Ireland. I enclose a letter that I have just received from the nurse, May Lord Aberdeen and I offer you our best wishes and thanks.—ISABEL ABERDEEN AND TEMAR, House of Comar, Tarland, Aberdeenshire.

Dear Lady Aberdeen,

The wireless set arrived last week and is now installed and working beautifully. I feel truly grateful for such a wonderful gift, which has given such great pleasure since its installation. I have numbers of listeners in my house every night to listen, and to those poor people who have never heard wireless before, it is the most wonderful thing on earth. I thank you, and all who subscribed, most heartily for your great generosity.—M. E. DANCY, Inchbaffin, Cloggan, Co. Galway.

## The Speaking of Verse.

The simple and direct method in verse-speaking, in setting, gives a stimulus to thought, whereas, when all the i's are dotted, and the e's crossed—in other words, emotionalized—it not only undercuts the intelligence of the listener, but is responsible. I'm sure, for the general indifference, even dislike, for poetry readings.—D. WATERS, Stockwell Park Road, S.W.8.

I wish verse could be spoken without that depressingly awed feeling which makes the reading of poetry so dull to me at present. In listening to poetry readings, I feel that the reader is speaking before a shrine in a cathedral, and that he, or she, is overwhelmed by the poet, rather than inspired by him. Possibly the sincerity of the reader and his admiration for the poet put this sense of awe into his performance, but I cannot think that the poet meant his lines to be drowned out in that way. All technique must, of course, be suited to its purpose, but the lines of any poetic work can surely be spoken vividly without any loss of their music or rhythm.—J. A. COOK, Ravelon Road, S.E.4.

## The Long Arm of Coincidence.

YESTERDAY afternoon, quite contrary to my usual custom, I returned from Antwerp to my country house at about 5 p.m., and switching on my wireless to Daventry picked up the Children's Hour shortly afterwards. As a rule I am rarely at home in time to hear this, and in any case never listen to it, but for some odd reason I left the loud speaker on, and settled down to read a batch of South African newspapers which had just arrived.

I started reading the back page of the *Cape Argus* of October 2, and had reached the bottom right-hand corner and was reading the line 'the Gila Monster wears a flashy suit of orange and black or crimson and black,' when to my great astonishment I heard the identical words coming from the loud speaker. As I continued reading the article, so followed the same story from the Daventry studio, and it was not until the end that I connected the speaker with the writer of the article.

I am not in any way superstitious, but can a more seemingly impossible coincidence be imagined? A person in a country village in Belgium, reading a recently arrived South African newspaper, happens to be reading a certain line of an article written by a London writer at the identical moment when that same writer happens to be broadcasting on that identical subject and using practically identical words, and hears it—although under normal conditions the hearer a wireless set is silent 350 days of the year during the Children's Hour.—K. LEWIS WRIGHT (Trade Commission in Belgium for the Government of South Africa), Rue Lays, Antwerp.

## Two Pleas for Simplicity.

The ideal broadcaster is Sir Oliver Lodge! Absolutely simple, perfectly distinct, with voices correctly pitched, and the pace exactly right, what pleasure he gives to thousands, both with his matter and his manner. I have found that, even when conditions are not good, and other items come through badly, there is an improvement when he is speaking. Undoubtedly, he has the secret. Some speakers convey the impression that they are either too far from or too close to the microphone. The clergy are, as a class, the worst broadcasters; yet no men have such constant practice in speaking. Their delivery is far too slow, and is, in addition, punctuated by tedious pauses; moreover, they so often have that extraordinary 'parson's voice' and unnatural intonation that are so well mimicked by the Vicar of Mirth. There are splendid exceptions, of course, but, as a class, their delivery is not simple, and they fail as successful broadcasters.

Perhaps, after all, simplicity is the most important factor in successful broadcasting. Anyone can learn correct diction, clear enunciation, control of voice. The springs of simplicity and sincerity be deeper.—Miss K. G. BYER, Southbourne-on-Sea, Bournemouth.

As a student and lover of music, may I appeal for greater simplicity in the music that is broadcast? I would rather hear one simple, pleasing piece, with a simple, intelligible tune (blessed word!) than all the noisy efforts of the great composers. I once met a young lady who was demonstrating high-speed typewriting, and when she was asked to demonstrate on a 'silent' machine, she refused, saying, 'The noise is all the demonstration.' And so it seems to me it is with music. Let us have in all our broadcasting 'simple music, simply expressed.' I remember how on my crystal set last year I heard 'Philemon' read Gray's 'Elegy.' I don't think I ever heard anything read with such understanding and tranquillity and with such freedom from all 'staginess.' And the keynote of it all was simplicity.—G. S. NICHOLSON, Russell Road, Rock Ferry, Cheshire.

## St. Stephen of Hungary.

THE statement in a recent issue of *The Radio Times* that St. Andrew is regarded in Hungary as the Patron Saint of that country is not in accordance with facts. There were three successive kings of Hungary, Andrew I, II and III, but they do not seem to have been very successful, or to have been worthy to be called 'Saints,' as they remained pagans. In 933 some Christian missionaries from Germany converted and baptized several members of the reigning family of Hungary, among whom was the son of Duke Geysa, to whom was given the Christian name of Stephen, who afterwards became king. He reigned from 977 to 1038 and led the Hungarian people from the darkness of paganism into the light of Western civilization. Hungary, to this day, is remembered as the 'Realm of St. Stephen.' On August 20 in each year (known as St. Stephen's Day) the embroidered right hand of the Saint, bound round with fillets of gold encrusted with costly jewels, is still carried with great ceremony throughout Budapest. In short, the name of St. Stephen has been honoured in every possible way, while that of Andrew seems to have become forgotten.—W. H. BARNARD, Bellevue Road, Ventnor, Isle of Wight.

## NOTES TO READERS

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

RATES OF SUBSCRIPTION to 'The Radio Times' (including postage): Twelve Months (Foreign) 5s. 6d.; Twelve Months (British), 4s. 6d.



# WHY BE POOR?

When You Can So Easily Double Your Mental Output.

SOMEONE has said that the human mind, being a product of the struggle for existence, is essentially a food-seeking system.

That is to say, it is a system which enables you to earn your living.

Of course, it is more than that, or can be made more than that, by proper training and education. But essentially it is that at present.

It follows, therefore, that unless you are fully utilising your mental system you are not earning as good a living as otherwise you would do. And there are thousands of people to-day who are only utilising one-quarter or one-half of their mental powers.

Consequently—it is no use making any bones about it—they are Poor.

## Poverty And Poor Thinking.

In fact Poverty in thousands of cases (not in all) is due to Poor Thinking.

The problem, therefore—"yours, mine, everyone's," as Browning said—is how to utilise the whole of one's mental powers.

That is the problem which Pelmanism solves.

Pelmanism trains your mind. It trains it scientifically and on the right lines. It develops powers and faculties which you have allowed to fall into disuse. It teaches you not to be Forgetful, not to be Self-Doubtful, not to be Timid or Irresolute, not to allow yourself to fall into the rut of routine.

And, on the other hand, it develops your Initiative and your Will Power, it enables you to cultivate the art of Concentration, it sharpens your powers of Observation, it gives you Self-Confidence and Resourcefulness, it doubles your Efficiency and consequently increases your Earning Power.

## People Who Are Securing Promotion.

That is why so many people write to say that as a result of taking up Pelmanism they have doubled their incomes and secured promotion to higher positions in life.

A Business Man writes: "It is with feelings of great pleasure I am writing to inform you that I have been promoted to the position of General Manager. When I took up the Pelman Course I knew I had the abilities to succeed, but truly you showed me how." (F.32,210.)

A Clerk writes: "Six months after studying your course my salary was doubled. I realise more and more that there is a harvest to be reaped through Pelmanism." (D.23,091.)

A Fitter writes: "Since I have been a Pelmanist I have had two promotions, which, I think, is mostly due to your very excellent advice and instructions." (P.27,034.)

A Civil Engineer writes: "I am considerably more observant, better in health and can concentrate on things I dislike but have to do. My memory for names is improving. I can visualize easily." (G.32,075.)

A Shop Assistant writes: "Allow me to pay my little tribute to Pelmanism. I had an increase last week in my salary, and a very good one at that. My sales have trebled and are still 'looking upwards.' It has acted like magic in my case. A few months ago I lacked Self-Confidence; now I feel capable of 'tackling' all comers. To repeat another student's statement, 'Pelmanism was the best investment I ever made.' Please accept my gratitude." (F.31,238.)

A Telegraphist reports that he has been able to secure an appointment simply and solely through Pelmanism. (B.20,743.)

An Electrician reports that he has "already gained a substantial rise in wages." (S.27,175.)

A Printer reports the following results: "Increased Self-Confidence; Optimism; Improved Memory; Ease of Concentration; Clearer and more Active Ideas and Imagination; Keener Observation; Initiative." (W.32,045.)

A Doctor writes: "I have changed from an easy-going, take-it-for-granted sort to a man with a purpose and joy of achievement; and I can see that others are observing the change to my gain." (K.30,108.)

An Engine-Room Artificer, R.N., reports the following benefits: "Recovery of Self-Respect due to the eradication of bad habits. Return of Efficient Memory resulting in increased Self-Confidence. Eradication of such weaknesses as Self-Consciousness and Unnecessary Fears." (K.32,107.)

A Clerk writes: "I have received two substantial increases of salary in six months and have very bright prospects for the future." (L.24,278.)

A Mining Engineer writes: "Pelmanism has benefited me considerably. I have just got a post with £20 a month greater salary than I have ever had, namely, £80 a month and maintenance. I have now got absolute confidence in myself. I was able to impress my new employer that I was the man he needed." (L.24,265.)

A Pharmacist writes: "I have benefited immensely from this Course, not in a startling way but in many small ways which would be difficult to define. I've always had a purpose, but Pelmanism has made it clear that this purpose must be kept alive and healthy to be of any good. I see life now as a thing to be enjoyed, not tolerated; my outlook is broader and kinder. The cost of this Course is nothing compared with the value given in return." (R.32,356.)

Further examples are given in a little book entitled "The Efficient Mind," which also contains a full description of the newly revised Pelman Course and shows you how you can enrol for a course of Pelmanism on specially convenient terms. A copy of this most interesting book will be sent, gratis and post free, to everyone who writes (or calls) for it to-day to the Pelman Institute, 95, Pelman House, Bloomsbury Street, London, W.C.1.

Readers who can call at the Institute will be cordially welcomed. The Chief Consultant will be delighted to have a talk with them, and no fee will be charged for his advice.

## PELMANISM IN 1927.

Revised Course Now Ready.

READERS who are anxious to take advantage of the opportunities which the coming twelve months will bring are already enrolling in large numbers for courses in Pelmanism.



By so doing they are taking the first step towards making 1927 their "year of fortune"—their golden year. "Pelmanism," writes Sir John Foster Fraser, "is genuinely scientific. There are no technicalities. You learn to know yourself; you train the mind on particular matters if you like, but all your mentality is braced. You apply your psychological knowledge to your work and you are surprised at the consequence."

"It will not make the dufferhead into a statesman, but it will and does provide a plan whereby we can make the best of our qualities."

The newly revised Pelman Course places the results of the latest discoveries in Psychology at the service of every reader. It is based on the unique experience gained by the Pelman Institute in the course of training the minds of over 500,000 people. There is nothing abstract or difficult about it. It involves no brain-racking study. It is as interesting as a game of chess or an exciting novel. An evening spent on Pelmanism is an evening guided. It brings increased power and energy to your mind. It increases your Mental Energy. It strengthens your Will Power. It gives you Initiative. It banishes Timidity. It gives you Courage, Forcefulness, and Determination. It drives away Depression. It enables you to take an Optimistic outlook on life. After an evening with the "Little Gray Books" you will retire to rest full of creative ideas for the following day. That doesn't mean that you will not sleep. Your mind will be perfectly tranquil. There will be no worry or anxiety. But in the morning those creative ideas will still be with you, and, with the help of Pelmanism, you will proceed during the day to carry them through.

Readers who are interested will find a full description of the revised Pelman Course in a little book entitled "The Efficient Mind." This book can be obtained free of cost by applying for it to-day. You can either call at the Institute and see the Chief Consultant, or you can write to the Pelman Institute, 95, Pelman House, Bloomsbury Street, London, W.C.1. The book will then be sent to you gratis and post free. Write or call for this Free Book to-day.



## START 1927 WELL BY USING THIS FREE COUPON.

To the PELMAN INSTITUTE,

95, Pelman House, Bloomsbury Street, London, W.C.1.

Sir,—Please send me, gratis and post free, a copy of "THE EFFICIENT MIND" with full particulars showing how I can enrol for the revised Pelman Course on the most convenient terms.

Name .....

Address .....

All correspondence is confidential.

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# PROGRAMMES FOR SUNDAY (January 9)

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2LO LONDON. 361.4 M.

## 3.10 RUSSIAN PROGRAMME

THE WIRELESS SYMPHONY ORCHESTRA

Conducted by ALBERT COATES

ROBERT RAYFORD (Bass)  
Solomon (Solo Pianoforte)

Introduction

Wedding Procession from 'The Golden Cockerel'  
Rimsky-Korsakov

IMAGINE yourself, as you hear this music, in the gorgeous royal court in some Oriental fairy-tale land.

The Wedding March is played when the doddering old King Dodon brings home, as his lovely bride, the Queen against whom he vows out to fight. A procession of giants, dwarfs, ogres and others lead in the King and Queen, in a golden chariot.

ROBERT HADFIELD, CHORUS AND ORCHESTRA

Coronation Scene from 'Boris Godunov' ..... Moussorgsky

ONE of the Composers who set Russian music firmly on its feet was Moussorgsky. His famous opera, *Boris Godunov*, which was produced fifty-three years ago, marks the dramatic period of change in the two great Russian dynasties.

From the Terrible's weak-minded son has been replaced by the ambitious Boris Godunov, who is at first Regent, afterwards Tsar. Boris has realized that his title is threatened by Ivan's younger son, Dmitri, and has had him secretly assassinated.

The Coronation Scene (the second scene of the Opera's Prologue) takes place in the courtyard of the Kremlin at Moscow. The assembled people, kneeling, are loudly shouting, 'Long life and health to thee, Tsar Boris Godunovitch!' They sing of Boris' glory as he comes in procession from the Cathedral and exhort each other to rejoice at the prospect of the new Tsar, 'our father beloved.'

Boris is sad. evil presentiments oppress him. He prays to his dead father to bless him. 'May I be just and merciful as thou,' he pleads. Turning to the people, he declares that they all shall feast as his guests. Amid renewed rejoicings he goes on his way, and the curtain falls to the strains of 'Gloria, gloria!'

Solomon, with Orchestra

Pianoforte Concerto in B Flat Major Tchaikovsky

Schubert ..... Rimsky-Korsakov

## 5.40-6.0 'SISTER CLARE'

From the Little Plays of St. Francis, by Laurence Housman

The play will be given by University College, London, Dramatic Society, with the following cast:

Francis ..... HAYMOND T. BETHAN  
Juniper ..... FRANK L. HEATH  
Bernard ..... ALAN S. GILBERT  
Elias ..... LEONARD W. TACKOCK  
Odo ..... STANLEY R. CURTIS  
Angelo ..... DUNCAN R. CLEW  
Clare ..... MARY BARTON

Produced by W. A. G. DOYLE-DAVISON

ST. FRANCIS OF ASSISI, one of the most delightful characters known to history, has long attracted Mr. Housman, the author of 'St. Francis Poverello'; but the 'Little Plays of St. Francis' are amongst his later works, having been published in 1912. 'Sister Clare', which is being broadcast this afternoon, was read from the London Studio by Mr. Housman himself last year. It is one of the series of these little plays that is being performed by the University College Dramatic Society this Christmas, as in the three preceding years, for the benefit of charities. These performances will be given at the College between January 17 and 21.

## 8.0 ST. MARTIN-IN-THE-FIELDS THE BELLS

## 8.15 RELIGIOUS SERVICE

Address by the Rev. ARCHIBALD FLEMING, D.D.



'SISTER CLARE'

A scene from this, one of Mr. Laurence Housman's 'Little Plays of St. Francis', which is being acted by the University College A.D.C. this afternoon. [London 5.30.]

DR. FLEMING, who is now Minister of St. Columba's (Church of Scotland), Post Street, London, S.W., is one of the ablest clergymen of the Scottish Church. Before coming to London he worked at St. Cuthbert's, Edinburgh, and was Minister of Newton Parish, Mallothian, and of Tron Parish, Edinburgh. At that time he edited *Life and Work*, the magazine of the Church of Scotland, and was one of the brilliant team of contributors that W. E. Henley gathered round him on the *Santa Observer* and the *National Observer*. Dr. Fleming has also been an Acting Chaplain to the Royal Scots and (for nearly twenty years) to the London Scottish.

## 8.55 THE WREN'S GOOD CARNE: The Royal Northern Hospital, Appeal by Mr. JOSEPH COYNE

THE Royal Northern Hospital in Holloway, with the three other institutions of the Royal Northern Group, provides 400 beds for the sick of Northern London. As it is the only general hospital in an area of seventy square miles, serves a population of a million, and has a waiting list of over 200, it need not be said that these beds are always full. The Hospital has just celebrated its seventieth anniversary, and to mark the occasion, a great effort is being made to pay off the debt that was inevitably acquired during the war period, although in 1924 and 1925 the hospital was able to pay its way.

Mr. Joseph Coyne, who makes the appeal, is one of the most genial and whimsical of musical-comedy actors. After a long career and many successes, he was recently one of the chief reasons why *No No Nancette* enjoyed such a long run. He is now playing in *Queen High* at the Queen's Theatre.

Contributions should be sent to Gilliet G. Painter, Secretary, the Royal Northern Hospital, Holloway, N.T.

## 9.0 WEATHER FORECAST, GENERAL NEWS BULLETIN; Local Announcements

## 9.15 A SHORT HYMN RECITAL

by THE WIRELESS CHORUS

Conducted by STANFORD ROBINSON

Hark, Hark, My Soul (Tune: 'Pilgrims of the Night')

Jerusalem the Golden (Tune: 'Ewing')

Saviour, When in Debt to Thee (Tune: 'Aberystwyth')

STRONG MELODY

Chorus

Who is This with Garments of Grief? (Tune: 'Ebenzer')

Evening is Hushed in Silence (Tune: 'Evening Hymn')

Ye Watchers and Ye Holy Ones (Tune: 'Creation's Hymn')

## 9.30 FLORA WOODMAN (Soprano)

Aria, 'Anion' (Lucia di Lammermoor) ..... Donizetti

KATHARINE GOODSON (Pianoforte)

Study in A Flat, Op. 25, No. 1 ..... Chopin

Valses in G Sharp Minor, Op. 64, No. 2 ..... Chopin

Polonaise in A Flat, Op. 63

ALBERT SAMMONS (Violin)

Sonata in A ..... Handel

Fugue in A (unaccompanied) ..... Tartini

Nocturne in D ..... Chopin-Wilhelms

Tschoboulin Chinois ..... Kreisler

FLORA WOODMAN

Bergonette; Jeanes Fillette ..... Wickerlin

Haddon-Roskin ..... Schubert

Serenade ..... Strasser

KATHARINE GOODSON

Rouance in F Sharp Major ..... Schumann

Spanish Dance ..... Granados

Concert Study, Op. 28 ..... Dohnanyi

FLORA WOODMAN

Hindu Song ('Bodko') ..... Rimsky-Korsakov

At the Well ..... Hageman

## 10.0 EPILOGUE

## 5XX DAVENTRY. 1,600 M.

## 10.30 C.M. TIME SIGNAL; WEATHER FORECAST

3.30 } S.B. from London  
6.0 }

## 8.55 Hospital Wireless Funds

## 9.0 WEATHER FORECAST, NEWS

## 9.10 Shipping Forecast

## 9.15 S.B. from London

## 10.50-11.0 THE SILENT FELLOWSHIP. S.B. from Cardiff

(An appreciation of 'The Silent Fellowship', written by Mr. D. C. Davies, will be found on page 66.)



# PROGRAMMES FOR SUNDAY (January 9)

**5IT BIRMINGHAM. 491.8 M.**
**3.30-6.0 S.B. from London**
**8.0 RELIGIOUS SERVICE**

Conducted by the Rev. E. BRIDGES PERKINS, of the Central Hall. Relayed from Ebenezer Church

**8.55-10.45 S.B. from London (9.10 Local News)**
**6BM BOURNEMOUTH. 326.1 M.**
**3.30-6.0 S.B. from London**
**8.0 St. MARTIN-IN-THE-FIELDS. S.B. from London**
**8.55 THE WEEK'S GOOD CAUSE**
**9.0-10.45 S.B. from London (9.10 Local News)**


F. A. S. S. S.

**The Rev. ARCHIBALD FLEMING, D.D.,**

Minister of St. Columba's, Post Street, London, S.W., who gives the address in the service from St. Martin's that will be broadcast from London Station this evening at 8.15.

**5WA CARDIFF. 353 M.**
**3.30-6.0 S.B. from London**
**8.15 RELIGIOUS SERVICE**  
 From the Studio

THE CHOIR OF CHARLES STREET CONGREGATIONAL CHURCH

Hymn 73

A Short Reading from the Scriptures

Hymn 201

 Anthem, 'Christians, Awake' ... J. H. Maunders  
 Address by the Rev. D. JOHNSTON JONES  
 Hymn 808

**8.55-10.45 S.B. from London (9.10 Local News)**
**10.50-11.0 THE SILENT FELLOWSHIP. Relayed to Darenty**

(An appreciation of The Silent Fellowship, written by Mr. D. C. Davies, will be found on page 55.)

**2ZY MANCHESTER. 384.6 M.**
**3.30-6.0 S.B. from London**
**8.0 St. MARTIN-IN-THE-FIELDS. S.B. from London**
**8.55 THE WEEK'S GOOD CAUSE: Dr. J. B. LEWIS, Appeal on behalf of 'The Oldham House Teaching Society for the Blind'**
**9.0-10.45 S.B. from London (9.10 Local News)**
**6KH HULL. 288.5 M.**
**3.30-6.0 } S.B. from London (9.10 Local News)**  
**8.0-10.45 }**
**2LS LEEDS-BRADFORD. 277.8 M. & 254.2 M.**
**3.30-6.0 } S.B. from London (9.10 Local News)**  
**8.0-10.45 }**
**6LV LIVERPOOL. 297 M.**
**3.30-6.0 S.B. from London**
**8.0 BELLS OF ST. LEKE'S CHURCH (Bold Street), rung by the St. NICHOLAS CHURCH HOLLANDERS**


F. A. S. S. S.

**Miss FLORA WOODMAN,**

the soprano, who has sung with much success at the Three Choirs Festival and other important musical events, takes part in the concert from London at 9.30 to-night.

**8.15 RELIGIOUS SERVICE**  
 From the Studio

Address by the Rev. THOMAS M. NIDDELTON, of the Liverpool Wesleyan Mission

Music by the WESLEYAN MISSION CHOIR

**8.55 Sir JOHN UTTEN, Appeal on behalf of the Liverpool and Samaritan Hospital for Women**
**9.0-10.45 S.B. from London (9.10 Local News)**
**5NG NOTTINGHAM. 275.2 M.**
**3.30-6.0 S.B. from London**
**8.0 S.B. from London**
**8.55 THE WEEK'S GOOD CAUSE**
**9.0-10.45 S.B. from London (9.10 Local News)**
**5PY PLYMOUTH. 400 M.**
**3.30-6.0 } S.B. from London (9.10 Local News)**  
**8.0-10.45 }**
**6PL SHEFFIELD. 272.7 M.**
**3.30-6.0 S.B. from London**
**8.0-10.45 S.B. from London (9.10 Local News)**
**6ST STOKE. 288.5 M.**
**3.30-6.0 } S.B. from London (9.10 Local News)**  
**8.0-10.45 }**
**5SX SWANSEA. 288.5 M.**
**3.30-6.0 S.B. from London**
**8.0 RELIGIOUS SERVICE**

 Relayed from St. Mary's Parish Church  
 Address by the Rev. R. B. ROBERTS, Capel Gower

**8.55-10.45 S.B. from London (9.10 Local News)**
**10.50-11.0 S.B. from Cardiff**


F. A. S. S. S.

**Mr. ALBERT COATES,**

who was for seven years Artistic Director of the Petrograd Opera, conducts the Orchestra in the Russian Programme this afternoon. [London 3.30.]

## Northern Programmes.

**5NO NEWCASTLE. 312.5 M.**
**3.30-6.0**—S.B. from London. **8.0**—St. Martin-in-the-Fields, R.B. from London. **8.55**—Week's Good Cause. Appeal on behalf of the Sunday Club, Robinson Street, N.Y. **9.0-10.45**—S.B. from London.

**5SC GLASGOW. 405.4 M.**
**3.30-6.0**—S.B. from London. **8.0**—Religious Service from the Studio, conducted by the Rev. Richard W. Clifton, with St. Patrick's Wesleyan Methodist Church. **8.55**—The Week's Good Cause. Appeal on behalf of the St. Andrew's Ambulance Association, by Sir Matthew Walker Montgomery. **9.0-10.45**—S.B. from London.

**2ED ABERDEEN. 500 M.**
**3.30-6.0**—S.B. from London. **7.45**—Organ Recital and service, relayed from the Cowdray Hall. Organ Recital by Arthur Collingwood, F.R.C.O. **8.0**—Religious Service conducted by the Rev. Lewis L. L. Cameron, of St. Stephen's Parish Church. Assisted by the Station Choir. Order of Service: Voluntary, Choral Prelude (Barry); Introit, 'Incline Thine Ear' (Martin); Psalm 143, 2nd Version (1-7); Prayer; Hymn, No. 424; Lesson; Anthem, 'Like as a Father' (Harrison); Address by the Rev. L. L. Cameron; Hymn, No. 428; Voluntary. Service from this station (Guthrie). **8.55**—Organ Recital (Continued); **8.55**—The Week's Good Cause. S.B. from Glasgow. **9.0**—News. **9.10**—Concert, relayed from the Cowdray Hall. Frank Gordon (Violoncelle), augmented station Orchestra, conducted by Paul Adlam: Overture, 'The Master-singers' (Wagner); **9.20**—Frank Gordon and Orchestra: It Is Enough (Kujala) (Mandelstam); Recit. And God Said... and Arise, 'New Houses in Fulham Glazy House' (The Criminals) (Haydn). **9.30**—Orchestra: Overture, 'The Marriage of Figaro' (Mozart). **9.35-10.45**—S.B. from London.

**2BE BELFAST. 306.1 M.**
**3.30-6.0**—S.B. from London. **7.0-8.30**—Religious Service, relayed from St. James's Parish Church. Address by the Rev. Canon W. S. Kerr. **8.55-10.45**—S.B. from London.















## PROGRAMMES FOR TUESDAY (January 17)

2LO LONDON. 361.4 M

- 10.20 THE ST. JAMES STRING SEPTET
- 3.0 THE DAVENTRY QUARTET and THOMAS BORTY (Bass), and HAROLD BROWN (Baritone)
- 6.0 TIME SIGNAL, GREENWICH WILLIAM H. ... SON'S MARBLE ARCH PAVILION ORCHESTRA from the Marble Arch Pavilion
- 9.0 ANN SPICE 'Books to Read'
- 11.15 THE CHILDREN'S HOUR Selections by the AMRAN TROUPE. Recitations by EDITH REYNOLDS from her Verses for Children, assisted at the piano by ALFRED REYNOLDS. 'Cracker of the Clogs' (H. Mortimer Batten)
- 6.0 Remains by EVA SCANDERSON



Mr. WILL KINGS, the popular entertainer, will be heard by London and Daventry listeners to-night in the programme: but starts at 7.45.

- 6.10 THE LONDON RADIO DANCE BAND, directed by SIDNEY FRANK
- 11.00 WEATHER FORECAST, LIGHT CHANGES, NEWS
- 11.45 THE LONDON RADIO DANCE BAND, directed by SIDNEY FRANK

7.0 Mr. GERALD AMES: 'Screen and Stage Actor'

THE FLOW of our British actors have a better chance to give their reminiscences of stage and screen work than Mr. Gerald Ames, who is equally at home in either medium. In fact, in 1916 he abandoned the boards altogether, in favour of what Americans copywriters are accustomed to describe as 'the silver screen,' and it was not until seven years later that amateurs had a chance of seeing him in the flesh again. As yet, however, he will, perhaps, be remembered for his acting in *The Prisoner of Zenda*, *The Dancers*, *The Fake*, and *You and I*.

7.15 FOUNDATIONS OF MUSIC  
Bach's 48 Preludes and Fugues, played through consecutively at this hour daily throughout the month

7.25 L. ESTRANGE FAUCETT: A Musical Home

7.45 THE BAND OF H.M. ROYAL AIR FORCE  
(By permission of the Air Council, Director of Music, Flight-Lieut. J. AMES, and HARRISON (Bass) and ...)

- 1.0 Overt to 'La Dame Blanche' ..... Bouillon  
Intermezzo: 'Loin du Bon' ..... Gail  
Way Down Upon the Swamps: Rite .....  
(Old Folks at Home and in Foreign Lands)  
(An International Transcription in the Musical form of Seven Nations: France, Germany, Spain, Scotland, Ireland, Italy and Hungary, Tom K. ...)  
Tavern Song ..... Hopwood  
The Mahommed of England ..... Ph.D.  
W. ... Kings will ...  
... the Russian Ballet, 'La ...'  
... Respyl  
... Can-Can, Oshup

8.45 BRAHMS  
Interpreted by MARK RICHARD

- First Stage  
In Sister Nelly (In Silent Night)  
Schwesterlein (Little Sister)  
Erlache nur kein Mädchen (Now Mr. D.)  
With Me! but when I am alone my Mary and Rose ...

BRAMS ... of folk ... and for ...  
... the last of these and ... the ...

The first ... In Silent Night, comes from ... of the ... of these ...

... is a conversation between a brother and sister. The former asks, 'Sister Nelly, it is nearly midnight, when shall we go to bed?' The sister would stay and dance with her sweetheart. In the end of the song is a note of tragedy, 'Sister Nelly, why do you wake me now?' 'I would fain lie under the turf brother dear.'

Erlache nur is a lovely petition to be allowed to see the roses in her garden. But he asks her to stay and refuse, so the lover is left lamenting that he may only view such scenes from afar.

Mein Modell is another of the many ballads in praise of what English songs describe as a 'nut-brown maiden.' The 'la la la' refrain ends up with the assertion that the poor fellow has no peace, thinking of the coquettish maiden who is surely well aware of her enticing charms.

For er bleibst du another song with a 'la la la' refrain. The lover protests that his charms shall never go barn-footed. He will buy her nice clothes. The maid reminds him that she is poor and cannot wed. Never mind, he insists, she is true and honest, and that is better than gold. The ... shows that he was sure of his case. ... the last saying, 'What was this ... pocket? My heart, it was a ...'

9.0 WEATHER FORECAST, SECOND GENERAL NEWS, LIGHT CHANGES, NEWS

9.15 Mr. J. C. STUART. Our New York Programme

9.30 THE SYMPHONIC STRING PLAYERS  
Under the direction of

Relayed from  
The Octagon Room, Hotel ... , Brighton  
... The Klara Nodtmeier Quart  
... Mezzetto Rondo

OUTRUST SMITH (Baritone)  
Why One ... Rebecca Clara  
Eleanor ... Cokeridge-Taylor

THE STRING PLAYERS  
Meditation ... Buch-Gomol, arr. Herbert Menges  
Musical Minicade ... Schubert

THE STRING PLAYERS  
St Paul's ... London ...

10.30-12.0 DANCE MUSIC JACK PAYNE'S HOTEL CECIL DANCE BAND, from the Hotel Cecil



Mr. GERALD AMES, the stage and film star, will give some reminiscences of his career as an actor from London to-night (7.0).

5XX DAVENTRY. 1,600 M.

10.30 a.m. TIME SIGNAL, WEATHER FORECAST

11.0-1.0 THE DAVENTRY QUARTET and R. LUGEN-FELD (Baritone), ROBERT SILVERMAN (Violin), HELEN ALTON (Songs at the Piano), STANLEY ...

1.0-2.0 S.B. from London

4.0 S.B. from London

9.10 Shipping Forecast

9.15-12.0 S.B. from London

5IT BIRMINGHAM. 491.8 M.

3.45 Loxley Picture House Orchestra

4.45 AFTERNOON TOPIC: MARGARET MASHLEY 'Why Not Keep a Diary?' May Martin (Contralto)

5.16 THE CHILDREN'S HOUR

6.0 HAROLD TYLER'S ORCHESTRA from France's ...

6.30 S.B. from London

7.0 Mr. B. T. ASHALL Ben Keejang—Shakepeare and the Bee

7.15 S.B. from London



# PROGRAMMES FOR TUESDAY (January 11)

## EAST

BIRMINGHAM STATION ORCHESTRA CONDUCTED BY

Mr. A. B. B. ...

THE BIRTH was a voluminous composition. It lived eighty-two years, and was composed by seventy of them. No remarks to a catalogue of his works that he began to learn, issued at six, and continued to grow.

Though the Opera, *Alf Habs*, dates from 1885, it was largely made out of a work written forty years earlier. As one might expect, the Opera is a masterpiece of the art.

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9.45 ... ..

9.50 ... ..

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10.30 12.0 S.B. from London

6BM BOURNEMOUTH. 326.1 M.

11.30 ... ..

11.45 ... ..

12.45 ... ..

1.15 ... ..

6.37

7.0 Mr. A. E. GREEN, 'Across the Equator' ... ..

7.15 A.B. from London

7.45 PIANO AND VOICE ... ..

7.55 DAVID BRYNLEY (Tenor)

Welsh Airs: ... ..

Old English Songs: ... ..

With My Flock as Walked I (16th Century)

My Life is But Vain ... ..



Professor W. L. BRAGG, F.R.S., who is Professor of Physics at Manchester University, will this evening give a Talk entitled 'What is Scientific Research?' (Manchester 7.1)

8.5 ... ..

... ..

8.25 DAVID BRYNLEY

8.35 ... ..

8.45 S.H. from London (9 M. Local News)

9.30 IT WAS A LOVER AND HIS LASS

9.50 ... ..

... ..

10.0

10.15 ... ..

10.25 ... ..

14.30 12.0 S.B. from London

5WA CARDIFF. 353 M.

3.0 BROADCAST TO SCHOOLS: London Programme relayed from Daventry

3.30 ... ..

4.15 ... ..

4.45 ... ..

5.0 ... ..

6.0 ... ..

6.10 ... ..

6.30 ... ..

7.45 MUSIC AND DRAMA

7.50 ... ..

8.0 ... ..

8.5 THE BISHOP'S CANDLES

9.0 ... ..

9.15 ... ..

9.30 ... ..

9.45 ... ..

... ..











# PROGRAMMES FOR WEDNESDAY (January 12)

2LO LONDON. 361.4 M.

10.20 CAMILLE LUTHERS'S CHORUS. The Protestant Festival

3.0 LON. FR1

THE DAVENTRY QUARTET and JOSEPH W. LAMB

2.45 J. KEMAN, Chairman of the National Federation of Women's Institutes. In reply to 'Talk to Special Series' by Miss BODA POWER and Mrs. E. W. MACIVER

1.15 J. KEMAN, Chairman of the National Federation of Women's Institutes

with the object of enabling to take an effective part in rural life and development. For this purpose it brings together Women's Institutes and County Federations of Institutes from all over the country, and them the benefit of a central organization, and of the close co-operation that exists between the Federation and the Ministry of Agriculture and Fisheries. Lady Denton, Chairman of the Executive Council of the Federation, will introduce the subject during the winter, designed to co-operate with the work of the Women's Institutes. Miss Power's description of village life in olden times should be particularly interesting to those who are trying to revive village life.

4.0 THE LITTLE FAIRY PLAYS (Trio)

4.20 Concert (Continued)

5.15 THE CHILDREN'S HOUR. One of the Jews of Death (Bromley Gray, and the Snow's Snow Highway Story by Cecil J. Allen, Son)

6.0 ORGAN RECITAL by REYNOLD FRONT, Organ from the New Gallery Church

6.20 The Week's Work in the Garden, by the Royal Horticultural Society

6.30 WEATHER FORECAST First (Continued)

6.45 ORGAN RECITAL by REYNOLD FRONT (Continued)

7.0 Talk on International Affairs by Prof. GILBERT MURRAY, Member of the League of Nations (under the auspices of the League of Nations Union). Delayed from the Oxford Studio

PEOPLE are often apt to regard the League of Nations as a mere diplomatic machine, only with much great difficulty, in the case of Germany, which is, of course, an outstanding achievement of this last year. It must not be forgotten, however, that the League

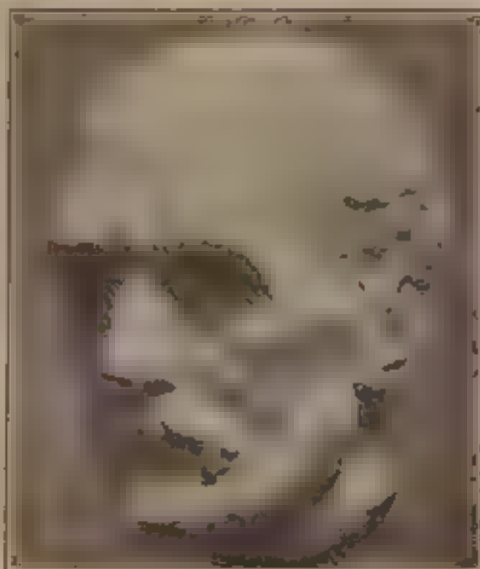
Monday of this week is all the time doing an enormous amount of useful but unobtrusive work. It raises loans to assist new States and settle refugees from the disturbed parts of Central Europe; in many ways it endeavours to raise the standard of life for the worker—last year it dealt with such matters as the abolition of poisonous matches and poisonous lead paints, the prohibition of night work for women and children, the hours of labour in the East, and so on. In addition it works against the traffic in dangerous commodities as drugs and armaments, and tries to surmount international obstacles by reducing the friction arising from passports, customs and passage-duties. This background of steady work must not be overlooked when one is considering the more spectacular exploits with which Professor Gilbert Murray (who, as well as being Regius Professor of Greek at Oxford, and the translator of *Eclogues* and noble English verse, is President of the League of Nations Council) will, naturally, be primarily concerned.

7.15 FOUNDATIONS OF MUSIC

as the 48 Psalms and Fugues, played through, sequentially at this hour daily throughout the month.

7.25 Miss MINTY LAMB 'Women in Africa'

NEW girls of her age—for she is only twenty—have had such opportunities of gaining experience as Miss Minty Lamb. At the same time she was adopted by a family in the Sudan, that perfect type of a family found in the Sudan, where she lived for some years, everywhere with her, and in particular acquired a unique knowledge of London which she knew as few Londoners know it. This knowledge she used her with many of her friends in South and East Africa, and it is of her amazing experiences in towns, villages and the houses of sheikhs that she will talk tonight.



Professor GILBERT MURRAY

who is to speak from London on the year's work of the League of Nations, at 7.0 this evening. This portrait of him is from the well-known bust by Sava, the famous Serbian sculptor

7.45 Some Songs by WILLIAM WALLACE

Song by ANNELOU BUCHAN (Dartmoor)

Maid Song ... } (Freebooter Songs,

The Rebel ... } Son of Man

Up in the Saddle ... } (from 'Lords of the Sea')

The Swallow ... } (from 'Lords of the Sea')

The Swallow ... } (from 'Lords of the Sea')

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The Swallow ... } (from 'Lords of the Sea')

The Swallow ... } (from 'Lords of the Sea')

The Swallow ... } (from 'Lords of the Sea')

the lad lunged forth and drove home the sword into the body of a foe, but when he came to my Maime lay still, and the war

No sleep for the knife in its sheath.

The Rebel is the stirring song of the

with no law but that of the

the eagle and the hawk

the hawk and the eagle

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(January 12)

A. Daniel, Chicago

515 THE CHILDREN'S HOUR

Small 10-5 Medium 10-16 Circumfer. 14-20-16-24  
Horns 10-16 Tip 10-16

[illegible]

March 1942 The Station Paper Plant.



## PROGRAMMES FOR THURSDAY (January 13)

ZLO LONDON. 361.4 M

10.20 The Week's Concert of New Gramophone Records

35 ~~RECEIVED~~, relayed from WESTMINSTER ARCADE

40 TIME SIGNAL, GREENWICH

THE CLOISTER SINGERS and THOMAS MARSHALL (Pianoforte)

50 Talk

5.15 THE CHILDREN'S HOUR: Piano Solos by H. L. DEBENHAM 'Caraway Cake' (Mabel Marlowe), 'The New Zoo', by L. G. M. of the 'Daily Mail'

6.9 Ministry of Agriculture Fortnightly Bulletin and Market Prices

6.20 THE DAVENTRY QUARTET

6.30 WEATHER FORECAST, FIRST GENERAL NEWS BULLETIN

6.45 THE DAVENTRY QUARTET

7.0 Mr. H. G. PONTING (by Lotus Land)

MR. PONTING is perhaps best known as the photographer who accompanied Scott's famous Antarctic Expedition of 1910-13, and recorded that historic feat in his well-known book, 'The Great White South.' He has, however, led an adventurous life in many parts of the globe, and his knowledge of Japan, the subject of his talk to-night, was gained during three years of travel there, and a period of service as a war correspondent with the First Japanese Army during the Russo-Japanese War. He has published several books on Japan, including 'In Lotus Land,' the beautiful camera illustrations to which aroused general admiration when the book appeared.

7.15 FOUNDATIONS OF MUSIC

BACH'S 48 PRELUDES AND FUGUES played through consecutively at this hour daily throughout the week

7.25 Mr. S. P. B. MAIS 'Don't Call It a Dog'

MR. S. P. B. MAIS is now best known as a novelist, but he has many other distinctions to his credit. In the course of a varied career he has been an athlete and cross-country Blue at Oxford, a schoolmaster at Rosamund School, and a lecturer in literature.

7.45 VARIETY

THE RAMBLERS (Harmonised Syncopation) BROOKLYN CANTER (Entertainment)

8.10 A Reading of the Words of the HYMN OF PRAISE

8.15 MENDELSSOHN'S 'HYMN OF PRAISE'

RELAYED FROM NORWICH CATHEDRAL  
NORWICH CATHEDRAL NAVAL CHORUS  
(Augmented to 160 Voices)

THE NORWICH MENDELSSOHN ORCHESTRA

DOROTHY NORRIS (Soprano), EVELYN AITKEN (Soprano), A. J. WALLACE (Tenor)

Principal First Violin, EDWARD WILKES  
At the Organ, E. G. CHURCH  
Conductor, R. M. M. W. L. L. L.

THIS 'Symphony Cantata' was fully annotated recently. It will therefore suffice now to say that it was written in 1839-40 for the celebration of the fourth centenary of Gutenberg's invention of printing.

It consists of three Movements of a Symphony, followed by ten vocal numbers—Solos and Duets for Sopranos and Tenor, and Chorus.

The melody with which the work opens is used as a kind of 'leading theme,' recurring both in the first two Movements of the Symphony and in the opening and closing Choruses.

The First Movement, brilliant and vigorous, has fine energy and breadth.

The Second Movement is based upon two Main Themes, one in a minor key and the other a major key 'chorale' or hymn-tune, the lines of which are connected by the 'lead on' theme and by bits of the Movement's first Main Theme.

The Third Movement begins quietly, becomes more festive, and finally leads into the Opening Chorus of the vocal part of the work—'All praise, all things, all that have life and breath, sing to the Lord.'

The succeeding numbers are as follows:—

TENOR RECITATIVE, 'Sing ye praise, all ye men and women, from a deep affliction,' followed by A. V. 'Be comforted, all your sorrows.'

TENOR, 'All ye that cried unto the Lord'

LENT FOR TWO SOPRANOS, with CHORUS, 'I waited for the Lord... O blessed are they that hope and trust in the Lord'

TENOR AIR, 'The sorrows of death had closed upon me... I bring thee salvation from the dead... I bring thee salvation'

CHORUS, 'The Lord is departing... Then let us rest off the works of darkness, and let us gird on the armour of light'

CHORUS, 'Let all men praise the Lord.'

SOPRANO and TENOR DUET, 'My song shall be always Thy mercy'

FINAL CHORUS, 'Thy mercies, offer to the Lord glory and might... All that hath life and breath sing to the Lord.'

## 10.0 THE SEVEN AGES OF MECHANICAL MUSIC

## A QUAIN FANTASY

Written by L. de G. SIEKING



Mr John Nash's Idea of Mechanical Music

MECHANICAL MUSIC, as we know it, is far older than most of us probably think. It is mentioned in Greek literature as early as the third century B.C., and the pianola and gramophone of to-day are really only the culmination of a long series of experiments. Some of these old experiments have a considerable bearing on the clarity of last century's music, and a definite, even if somewhat meretricious appeal to ears accustomed to carillon records and Paderewski rolls. In this programme will be heard the Musical Snuff Box, the Polyphon, the Hurdy Gurdy, and the earliest Phonograph, and a Casappa the music of the 17th century will be relayed from Olympia. The whole will be given unity by a dialogue in the form of a little play.

9.0 WEATHER FORECAST, SECOND GENERAL NEWS BULLETIN; Local Announcements

9.15 BRAHMS

Interpreted by MARK RAPHAEL

Romance from Magdalen ..... The 1

9.30 THE STRING BAND OF H.M. ROYAL NAVAL BAND

(By kind permission of the Royal Naval Band, Temple, C.B., O.B.E. R.M.)

Conducted by Lieut. WALTER C. L. M.V.O., F.R.A.M., R.M.

(Relayed from Dover)

The Suite de Concert (by the Royal Naval Band, Temple, C.B., O.B.E. R.M.)

The Suite de Concert (by the Royal Naval Band, Temple, C.B., O.B.E. R.M.)

The Suite de Concert (by the Royal Naval Band, Temple, C.B., O.B.E. R.M.)

The Suite de Concert (by the Royal Naval Band, Temple, C.B., O.B.E. R.M.)

The Suite de Concert (by the Royal Naval Band, Temple, C.B., O.B.E. R.M.)

The Suite de Concert (by the Royal Naval Band, Temple, C.B., O.B.E. R.M.)

10.0 THE SEVEN AGES OF MECHANICAL MUSIC (See Special Programme)

10.30 12.0 DANCE MUSIC: THE SAVOY ORPHEANS and THE SYLVANS, from the Savoy Hotel

5XX DAVENTRY. 1,600 M.

10.30 a.m. Time Signal, Weather Forecast

11.0 THE DAVENTRY QUARTET and MARY COOK (Soprano), FLORENCE V. COOK (Baritone), ROSALIE EVANS (Pianoforte)

11.45 a.m. Short Recital by FLORENCE ROSE (Pianoforte) and JAMES ROSE (Violoncello)

12.5 Concert (Continued)

1.0 2.0 - S.B. from London

3.0 S.B. from London

8.10 Shopping by radio

9.15 12.0 S.B. from London

5IT BIRMINGHAM. 491.8 M

7.45 THE STATION PIANOFORTE QUARTET, Leader, FRANK CANTILL

4.45 AFTERNOON TALK: 'Mimi's' 'The Making of a Master' ALICE CARRANT (Contralto)

5.15 THE CHILDREN'S HOUR

6.0 S.B. from London

7.0 Mr. COLIN H. GARDNER, Recital in Broad-cast Reception

7.15 S.B. from London

7.45 MILITARY BAND CONCERT

THE CITY OF BIRMINGHAM POLICE BAND, conducted by RICHARD WARELL

March, 'The Crown of India' (by the City of Birmingham Police Band, conducted by Richard Warell)

FREDERICK WILLIAMS (Contralto)

The Green Hills of Somerset ... Contralto

The Shadowless Hour ... Contralto

The Shadowless Hour ... Contralto

The Shadowless Hour ... Contralto



# PROGRAMMES FOR THURSDAY (January 13)

**W. 100**  
A Fairy Love Song ..... *Welsh*  
The Downy Side of a Song ..... *Philips*

**100**  
State of Four Dances from "Merris England"

Hornpipe, Minuet, Rustic Dance, Jig

**MERRIS ENGLAND** is the most successful light Opera written in England since Sullivan died. It tells a tale of the spurious days of Queen Bess, when (as we like to believe) the English were a frolicsome folk and ready at any moment to "kick their heels or smoothly dance in rustic rout or rustic lane." It has the high frequency of the dance music in the popular work of Edward Glyn.

**80 S.B. from London (9.10 Local News)**

**9.30**

"Hervenudd Celyn" ..... *Bert*

Of all the Operas that have been written round the picturesque sixteenth-century Merioneth Hervenudd Celyn, the only survivor of the work which Bertie wrote about 1837-8, is a complete failure when it was produced in 1840, or year, and when Bertie was at Covent Garden. It is a failure because it is a failure. Bertie's "Hervenudd Celyn" is a failure because it is a failure. Bertie's "Hervenudd Celyn" is a failure because it is a failure.

**W. L. K. 100**  
The Review ..... *P. H. Jones*

**100 126** S.B. from London

**6BM BOURNEMOUTH. 326.1 M.**

**12.15 12.15** M. DAY Music, relay from London  
The Great Old Churchyard Road

**3.45** Afternoon Papers

**6.0** Evening Music from Beak's Restaurant  
The Churchyard Road. Directed by GILBERT

**5.15** THE CHILDREN'S HOUR

**6.0** S.B. from London

**70** SARA A. DUBETAL Ex-President of the Association of British Women "The Girl of the Seventies and the Girl of To-day"

**7.15 12.0** S.B. from London (9.10 Local News)

**5WA CARDIFF. 359 M.**

**12.30 1.30** Lunch-Time Music from the Carlisle Restaurant

**3.0** THE STATION ORCHESTRA

Overture: A Midsummer Night's Dream

P. H. Jones ..... *John Jones*

**3.15** BROADCAST TO SCHOOLS Mr. Glyn Jones  
MAN, "Song Through the Centuries" (Part I)

**3.40** ORCHESTRA

Symphony, No. 8, in G Major ("La Tempesta")

J. TALBOT THOMAS (Baritone)

Boysen Dwyer ..... *Herbert Markham*  
Conrad and Mine (Austrian Rush Song)  
The Shepherd's Song

**4.00** ORCHESTRA  
Second: Maid of Arles

J. TALBOT THOMAS

A. Jones (Song of a Rover) ..... *R. Conyngham*

Beware of the Mountains ..... *M. Conyngham*

**4.15** Mrs. D. PORTWAY Dances "Appreciation of Church Architecture: The Norman Period"

**4.45** Pianoforte Recital

**5.15** THE CHILDREN'S HOUR

**5.45** S.B. from London

**7.0** Mr. A. R. HENNETT ..... *John Jones*  
Miscellaneous Poems

**7.15** S.B. from London

**7.45** DROS CYMRU

FOR WALES

There is a place which rose in the morning  
And made its sword of an olden song, its  
Its warriors died with a stubborn pride  
That needed no price of tears.  
But followed the call of the singing sword  
That rang athwart the years.

A. G. JONES

The great Welsh programme, "West to the Roushug Sea," given in honour of famous Welsh sailors, needs this its counterpart in honour of the soldiers of Wales. This programme is intended as a tribute to the gallantry of the sons and daughters of the Principality, from the days of Caractacus and Ceredigion to the heroes of Mons and Mametz Wood. It may not be generally known that 380,000 troops were recruited in Wales during the Great War, this number being 13 1/2 of the population. According to a famous General these Welsh troops "sang like angels and fought like devils."

THE STATION ORCHESTRA

Rhydygryn Gwyn Harlech, march of the Men of Harlech

Tradition attaches this march to the siege of Harlech in 1488 and to the valiant defence by Dafydd ap Eithan

**8.0** MATTIE DAVIES (Song)

Cymry Fydd ..... *Dr. Pugh*  
Dafydd y Gareg Wen ..... *W. H. Jones*

**8.7** THE STATION

Marches of the Welsh Regiments

Royal Welsh Fusiliers

South Wales Borderers

The Welsh R.

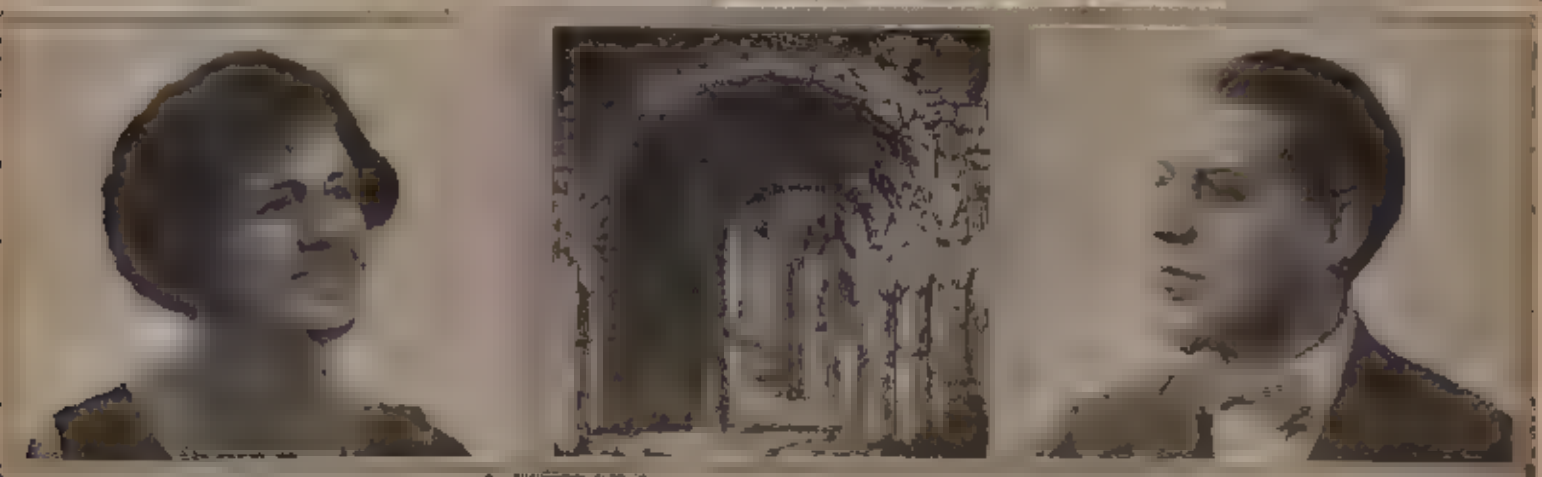
The Welsh Guards

The Royal Welsh Fusiliers, one of the oldest regiments in the British Army, was formed in 1685. It is the only Regiment allowed to wear the Welsh flag, and its forty-two battalions were in the fighting traditions of the Welsh during the Great War.

The South Wales Borderers had eighteen battalions in the War. It has a record for valour in 1855, and won fame by its famous defence of Rorke's Drift on January 22, 1879. In commemoration of this heroic stand against overwhelming odds, H.M. Queen Victoria ordered that a silver wreath should be borne on the pole of the colours of the Regiment. The story of the saving of the Colours at Rorke's Drift will be given in our programme.

During the Great War the Welsh Regiment and thirty-four battalions and its soldiers served every front. Its motto is "Better death than dishonour." The war-cry "Stok d'Welsh," was used by Capt. Mark Haggard when leading a company of Welsh soldiers in the grim days of September, 1914, and will live long in the annals of the old 41st.

The Welsh Guards were formed in the early days of the War and first mounted Guard at Buckingham Palace on St. David's Day 1915. It had the honour of leading the famous attack of the Guards Division at the Battle of Loos. Its emblem is the lock and its motto "Cymru'n ymuno." Colonel-in-Chief, H.R.H. The Prince of Wales.



FOR CARDIFF LISTENERS TO-DAY

On the left is Miss Mathe Davies and on the right Mr. Watryn Watryn. Both these well-known Welsh singers take part in the "Dros Gymru" programme to-night at 7.45. In the centre is a view of the South Entrance to Llandaff Cathedral, to which Mrs. D. Portway Dobson will refer in her talk to-day on church architecture of the Norman Period [4.45]. This picture, showing the doorway as it appeared in 1800, is reproduced from a contemporary aquatint now in the National Museum of Wales.







# PROGRAMMES FOR FRIDAY (January 14)

**2LO LONDON. 361.4 M.**

**10.20 Lunch-Time Metropolis**

**3.0 CONCERT**

FRANCIS FRANKS  
Symphony No. 1 in D major  
The Piano Movement in A major

**4.0**

Library of Musical Pictures with Mr. Herbert Wiffers

**4.20**

**5.0**

**5.15** The Violin Solo by Peter Frank. To Your Good Good-bye by KATHLEEN DENHAM. The Tackling of the Tiger by Peter Martin

**6.0** FRANK WESTFIELD & Co. TRA from the Prince of Wales

**6.30** WEATHER FORECAST

GENERAL NEWS BULLETIN

**6.45** FRANK WESTFIELD & Co. TRA (Continued)

**7.0** Mr. G. A. ATKINSON: Speech

**7.15** FOUNDATIONS OF MUSIC

His four 48 Pictures and Pictures of the month

**7.25** Mr. A. MICHAM: His

Speech

[In today's Talk Mr. Micham has chosen with confidence the amazing story of his travels in Central America, where the half savage Indians of to-day live in the name of one of the greatest civilizations the continent has ever seen.

**7.45** CHAMBER MUSIC

Woodwind (Violin)

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advent on the first two beats of the bar

the right hand's two notes of the bar

effect, of which Brahms frequently

the piano movement is in a

slow movement with its both hands

slow motion comes twice, in a lively

slow motion, the last appearance

Variation of part of the

The Piano Movement in

London, where the

First or strongly contrast

To have the

Exercises, and in the last

has set of songs the last of the works

but of perfect charm

and Trio; Final

leading to "not too good"

**9.0** WEATHER FORECAST

Local Announcements

**9.15** Appeal on behalf of the

to Queen Alexandra

**9.30 11.0** "THE CHOCOLATE SOLDIER"

An Opera House in Three Acts

Libretto by RUDOLF BERSAARD

Musical by Udo von Strauss

Opera Version by STANISLAV STANISLAV

Arranged for Broadcast by

Nicola, Daughter of Col. Popoff

Arcelia, Wife of Col. Popoff

Maria, Arcelia's Cousin

Leont, Lout in the Serbian Army

Massakoff, Capt. in the

Army

And a Russian

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JOHANNES BRAHMS

a concert of whose Chamber Music is to be given from the London Studio to-night at 7.45. In this concert Mr Mark Raphael continues his recitals of Brahms songs, which he has been giving every evening this week.

reasonable to find something to look on, to

in the first song, the words of which are from

the Book of Ecclesiastes (iv. 16-17) the writer

in the second song, the words are drawn from

the same Book (iv. 1-3). The philosophy is

considered all the oppression

I praised the dead, who are at rest

The third song, sung in a more

set) to some extent answers the one just quoted

It is a setting of the famous passage upon love

for one's fellows, from Corinthians xiii. 1-3, 12

and 13.

QUARTET with Mrs. HERBERT WIFFERS  
Quartet in E Minor for Piano-forte and Strings.  
Op. 34  
Not too quick, slowish and sustained, scherzo

**5XX DAVENTRY. 1,600 W.**

**10.30 a.m.** Time Signal, W at our Forecast

**11.0** THE DAVENTRY QUARTET and GLADYS PARK (Violinist), EDGAR THOMAS (Tenor), W. B. BRYAN (Baritone), WILLOUGHBY WALMSLEY (Pianoforte)

**12.30** ORGAN RECITAL by STANLEY MASON, Sub-Organist of St. Paul's Cathedral, Professor of the Royal Academy of Music, relayed from St Mary le Bow, Cheapside

Prelude in A Major  
Largo (New World Symphony)  
Sonata in E Minor (1st Movement)  
Voluntary in C Minor

**1.0 2.0** S.B. from London

**3.0** S.B. from London

**9.10** Shipping Forecast

**9.15** S.B. from London

**11.0 12.0** DANCE MUSIC: TWO BROWN CAFE and PARIS LAMBE BAND, and the LYONALS from the Cafe de Paris



# PROGRAMMES FOR FRIDAY (January 14)

## 5IT BIRMINGHAM. 491.8 M.

- 3.45 **Lozells Picture House Orchestra**
- 4.45 **AFTERNOON TOPICS:** 'Eve's' Marriage Customs of the East.' MAY HALL, Birmingham
- 5.15 **THE CHILDREN'S HOUR:** 'A Sunday Story' written by Bernard Hughes, told by DAVID JOYE
- 6.0 **HAROLD TURLEY'S ORCHESTRA**, relayed from Prince's Café
- 6.30 **S.R. from London**

## 7.45 A VARIED PROGRAMME

MARGARET ABLETHORPE (Pianoforte)  
At home

## 7.50 With Wynne

In her **Fun in Character Studies**

## 8.0 FIRE

Written by A. J. ALAN  
Played by the **LONDON RADIO REPERTORY**

**THE** thrilling story of two young ladies who go to view an empty house and there undergo a number of exciting experiences, culminating in a rescue by the London Fire Brigade. Just as their safety is assured they experience the worst shock of all.

**Cast:**  
Albert Buckle (A Carolist) FRANK DENTON  
The Buckle (His Wife) FLORENCE HILL  
Mrs. Buckle (Albert's Mother) GLADYS YOUNG  
Miss Henderson (.....) PHYLLIS PAKING  
Ruth Henderson (.....) MARGARET GASKIN  
(Two smart modern sisters who are House hunting)  
A Policeman LAURENCE GARDNER

On the front-door steps of an empty house in Londonsdown Crescent, Albert Buckle is standing. He and his wife are just starting out to get a few things from the neighbouring shops before closing time.

## 8.20 With Wynne

Further **Character Studies**.

## 8.30 LEONARD DENNIS (Violoncello)

Musical Song  
Chanson Villageoise

## 8.40 KENNETH ELLIS (Bass)

From Inverness to Feil  
The Dip  
Hedger and the Man

## 8.50 MARGARET ABLETHORPE

Hungarian Rhapsody, No. 12 .. .. . **Local**

## 9.0 S.B. from London (9.10 Local News)

## 9.20-11.0 LIGHT CLASSICS

**THE STATION ORCHESTRA**, conducted by FRANK ABLETHORPE

Overture, 'Nachtlager in Granada' .. .. .  
LEONARD DENNIS  
Londonsdown Air .. .. .  
Fantasia, 'A Midsummer Night's Dream' .. .. .  
Mendelssohn, arr. **Local**

**THE** music from which this Fantasia is constructed was written by Mendelssohn for performance during a stage representation of *A Midsummer Night's Dream*, a play which gives many openings to a musician. There is fairy music (well known to those who have heard the famous Overture); Bottom and his boys

the Ass's head, many a song and many a dance, and, of course, the Wedding March.

**KENNETH ELLIS**  
I Triumph, I Triumph  
The Minstrel .. .. .  
Hear Ye Gods of Britain  
From Rusty Beds of Silver Linc

**Selections from 'International Suite' Tchaikovsky**  
MARGARET ABLETHORPE  
Grand in G Minor .. .. .

**A BALLAD** is a long narrative poem, to be recited or sung. Here the term is used, as it often was by romantic Composers of the nineteenth century, to denote a piece of poetically speaking music that in its outlines and contrasts and general procedure suggested the telling of a story. Of such works the most famous are the



## IN THE BIRMINGHAM PROGRAMME TO NIGHT

Mr. Kenneth Ellis (bass) sings from Birmingham at 8.40, and also in the programmes of Light Classics that begins at 9.30, and Mrs. Margaret Ablethorpe gives pianoforte solos at 7.45 and 8.50, and again in the Light Classics feature.

four Ballads of Chopin. This is the first and, I think, the most difficult.

**Orchestra:**  
Marche Militaire .. .. .

## 6BM BOURNEMOUTH. 326.1 M.

## 3.45 L. OLE NASH: 'Translations from Foreign Literature' (1) Under the Spell of Steel' (from the Swedish)

## 4.0 Orchestra, Music relayed from the Grand Super Cinema, Westbourne. Directed by L. OLE NASH

## 5.15 THE CHILDREN'S HOUR

## 6.0 Musical Interlude

## 6.30-11.0 S.B. from London (9.10 Local News)

## 5WA CARDIFF. 353 M.

## 3.20-3.45 BROADCAST TO SCHOOLS. London Programme relayed from Daventry

## 3.45 CONCERT. London Programme relayed from Daventry

## 4.45 Miss MARY B. CROWLE: 'Under the Sea' (for Voice)

## 5.0 TRAFALGAR MUSIC relayed from the Carlton Restaurant

## 5.15 THE CHILDREN'S HOUR

## 6.0 Major C. J. EVANS, 'Vindictive Fairies'

## 6.15 Light Music

## 6.30-11.0 S.B. from London (9.10 Local News)

## 22Y MANCHESTER. 384.6 M.

## 1.15-2.0 PIANOFORTE TRIO, relayed from the London Theatre

## 3.45 Light Music

**Selections from:** .. .. .  
Passing By .. .. .  
Tom Bowling .. .. .  
Linden Lea .. .. .

## 4.0 Music by THE STATION QUARTET

Dwarf, Dwarf .. .. .  
Selection, 'Russian Folk Songs' .. .. .  
Two Country Dances .. .. .  
Legende Basque .. .. .

## 5.0 AFTERNOON TOPICS: Miss JEAN WHITFORD

First Old-Fashioned Pastime—Walking

## 5.15 THE CHILDREN'S HOUR: 'The Story of the Boy and the Girl' told by Audley V. illustrated by Annie Betty, Uncle Harry and the Story of the

## 6.0 THE MANCHESTER ORCHESTRA from the Royal Albert Hall, Manchester

## 6.30 S.B. from London

## 6.45 THE MANCHESTER CELEBRITY ORCHESTRA (from home)

## 7.0-11.0 S.B. from London (9.10 Local News)

## 6HL HULL. 288.5 M.

## 11.30-12.30 Gramophone Music

## 3.30 Light Music

## 4.0 All-Flood Tunes

## 4.15 FIELD'S QUARTET relayed from the New Restaurant, King Edward Street

## 5.15 THE CHILDREN'S HOUR

## 6.0 ORCHESTRAL MUSIC. London Programme relayed from Daventry

## 6.15 Mr. J. G. STEPHENS, Weekly Football Talk

## 6.30-11.0 S.B. from London (9.10 Local News)

## 2LS LEEDS-BRADFORD. 377.8 M. & 264.2 M.

## 11.30-12.30 Field's Café Orchestra, relayed from Field's Café, Commercial Street, Leeds

## 3.20 Talk to Elementary Schools. Mr. HERBERT J. B. F. F. C. O., 'Musical Appreciation—Musical Sequences'

## 4.0 Talk to Secondary Schools. Dr. C. B. LAWLEY, 'How to Look at a Map'

## 4.30 THE LEEDS-BRADFORD LIGHT SYMPHONY ORCHESTRA, relayed from the Fenton Street (First Hall, Leeds) on the occasion of the Yorkshire Post Building Trade Exhibition

## 5.0 AFTERNOON TOPICS: Miss M. M. HENDERSON

'Banquets Ancient and Modern'

## 5.15 THE CHILDREN'S HOUR

## 6.0 Light Music

## 6.20-11.0 S.B. from London (9.10 Local News)

## 6LV LIVERPOOL. 297 M.

## 4.0 GARDNER and his ORCHESTRA from the Fenton Street

## 5.0 AFTERNOON TOPICS: Miss C. P. C. O.

'Bedads' (3) What Are They?







# PROGRAMMES FOR SATURDAY (January 15)

2LO LONDON. 361.4 M

## CENTRAL COMFORT

The Wireless Orchestra, conducted by John

Fraser (Conductor)

Henry Henson (Tenor)

Geoffrey Henson (Bass)

The Orchestra

Conductor

Richard T. T.

With the Orchestra (With Orchestra)

Conductor (Conductor)

In Henson

With the Orchestra (See Pictures)

Conductor

Conductor from Fourth Symphony

TELEVISION was fond of introducing into his programmes to his works, generally making them out to be commentaries on the side of things. In the Fourth Symphony

presented 'Fate', that inevitable force which checks our aspirations towards happiness. This motif is one of the main themes of the First Movement, and it also comes into the

Of the two Movements we are now in the Third Movement is a lively one. It is marked 'Allegretto scherzando', which means that the strings pluck their strings with the finger instead of playing with the bow. It has three strongly marked musical ideas, which enter in order: (1) The principal motif, which is unmistakable and is carried to some length; (2) a tune played by wind instruments; (3) a type of street music; (4) martial music on trumpets. These three ideas are worked into a Movement of very individual character that

The First Movement is one of Tchaikovsky's most. Writing his own explanation of it, the composer said: "On to the people. See how they live and give themselves up entirely to festivity. A rustic holiday is it. It is evident that the Russian peasant is well-housed. There is no lack of food. At its height the 'Motto' theme is

It is here we find to forget ourselves in the spirit of other people's pleasures, says the composer, when indefatigable Fate reminds us of its presence.

11.15

11.30

11.45

12.00

12.15

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12.45

1.00

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1.30

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H.C. WELLS

PREFACE

## —to write regularly for the SUNDAY EXPRESS

Mr H. C. Wells has decided to return to Fleet Street. No man of his distinction has such a correct touch in modern journalism. This is again shown by his choice of a theme which is certain to attract and hold his great army of admirers during the whole of 1927.

The general title is "The Way the World is Going." It will be published as a series of topical articles bi-weekly in the "Sunday Express" throughout the year.

Mr. Wells has the gift rare among distinguished authors of translating into a journal appealing to hundreds of thousands of readers the talent which makes his books world-famous.

Everything this gifted journalist writes is highly interesting. His thoughts are always expressed in a provocative though charming manner. This brilliant new series will concern everyone. It will concern you, for it is about yourself.

The first long article dealing with changes that are taking place in modern men and women will be published in next Sunday's "Sunday Express."

An order given to your newsagent to-day for the "Sunday Express" will ensure your enjoyment of Wells on Sunday.



# SUNDAY EXPRESS



(January 15)

(Continued on page 80.)

# "SYMPHONY"



*A Two or Three Valve  
Receiver with all Batteries  
enclosed*

The illustration on  
represents either a  
Symphony Two or  
Three. They are  
identical in appearance.

HERE are Receivers that will enable you not only to listen to, but to appreciate Broadcast Programmes. They are ideal for those who do not wish a multi-valve model, and yet desire an alternative programme. The "Symphony Three" is so sensitive that a very wide choice of entertainment is available, including some European Broadcast.

The coupon below will bring you our catalogue, or a free demonstration by your own fireside, definitely without obligation to purchase.

The following prices include Loud Speaker, Valves, and Batteries. Aerial Equipment, and Royalties. 2 Valve Type: 21 2/6. "Symphony Two" as illustrated, 27 1/6. Symphony Three as illustrated 22 1/6. "Symphony Five" (Superheterodyne) Table Model 24 1/6. Bureau Model 27 1/6. "Symphony Seven" Superheterodyne Table Model 26 1/6. Bureau Model 29 1/6.

They may be obtained from any one of the following Agents, and on De credit Payment from the following London Agents: John Barker & Co. Ltd., 10, Abchurch Lane, E.C. 4; Hayman & Co. Ltd., 49, 50, Finsbury Place, E.C. 2; and from Sisley & Supply Co., Chadwell Heath; John W. Roebuck, 166, 168, Park Street, Coventry; S. D. Motors (Reading) Ltd., 499, Oxford Road, Reading.

**Complete from £13 - 18 - 6**

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Please send me your latest catalogue.

• Please also give me a free demonstration at the address given below.

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(Continued from page 78.)

£ 30 12 6 *By H. from London* 9.10 L

6 30 12 0 S B from London (9.10 Local News)

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110 470 &amp; B. from London

0 30 12.4 S.B. from London (9.10 Local News)

\$ 30 12.0 S B (from London) 9 10 Local Science

on a Welsh Melody and A Day with the Huns (late Richter)

THE first of the series of Operas to be broadcast from all stations is to be given on January 28. This time it is to be Flotow's Opera *Martha*. 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 *Martha* (on 1) The Barber, Servant, Hypocrite, the Bohemian Girl, and a Rust, which have already been broadcast at 2d each, (2) the complete series of twelve for as 1 (including those which have already been broadcast but which will be of value in future broadcasts, or (3) the remaining eight of the series (including *Martha*), but excluding operas already broadcast, on 1s 4d.

Applications must be marked "Libretti" on the envelope and sent, together with the remittance, to Broadcast Opera Subscription List, c/o B.B.C., Savoy Hill, London, W.C.2.

Additional names and addresses may be written on a separate sheet of paper, but payment for the additional subscription must, of course, be sent with the order. The Libretti will be sent singly as published to each subscriber a few days before each Opera is broadcast.





# Truth in the tone yet thunder in the voice



People ask where the volume comes from when they first hear the LISSENOLA Loud Speaking Unit working at full pressure in conjunction with the LISSENOLA horn. If you have a loud speaker it ought to be capable of tremendous volume. You may want it for use out of doors or to fill a large dance hall. For ordinary use indoors you will not need such large volume, and the LISSENOLA can then be adjusted to give just what you require.

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No higher attainments in a loud speaker are possible and at so low a price the LISSENOLA is a master achievement.

You can put it on to the tone arm of a gramophone—fit any horn to it—make your own horn from the full size diagrams and instructions given with each unit—fit it (by means of the LISSENOLA Reed) to a cone or any other similar diaphragm.

## LISSENOLA 13'6

LOUD SPEAKING UNIT

Made golden toned for your enjoyment.

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

Managing Director: THOMAS N. COLE

## An addition to the LISSENOLA



We have produced an ingenious stand which holds the LISSENOLA unit and an upright horn. Those who have built a horn from the full size diagrams and instructions given with each LISSENOLA unit will appreciate this new addition. **3/-**

## ANOTHER HORN



This is a new upright horn for the LISSENOLA unit. Big and powerful with 14" flare only. The LISSENOLA unit with this new upright horn and new stand is the only British Made Loud Speaker of FULL POWER SIZE AND ACTUAL FULL POWER PERFORMANCE of high grade manufacture to-day selling complete for 34/-.

Price of LISSENOLA Upright horn, 14" flare - - **17/6**

(This horn will be ready for delivery Jan. 7/27 Order now from your dealer. We regret delay in delivery of horn previously advertised, but we are doing our utmost to expedite.)



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You may think there can be no better transformer for the circuit than the one specified in the booklet or publication whose instructions you are building to—until you remind yourself that there are many advertising manufacturers, each of whom you will find obtains a share of use and mention of his products. Then you will understand that the best transformer and other parts have not necessarily been used.

You may think you have to pay a high price before you can get a transformer capable of yielding amplification of the kind that will please you. This may have been so before the new LISSEN came, but now it is no longer.

You may have an expensive transformer which has broken down, and might have decided to have it re-wound. Do not do so—get a new LISSEN.

You may think it impossible to get a good transformer for the price this new LISSEN is sold at—but this new LISSEN transformer bears a name which stands for the better things in radio. **TO ALL AND EVERY OBJECTION WE HAVE ONE ANSWER—TRY THE NEW LISSEN.**

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If within that time you do not prefer the new LISSEN Transformer for tone purity and power to any other transformer, irrespective of price, against which you may test it, return it within a week of purchase and your money will be refunded.

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**GUARANTEED FOR 12 MONTHS.**

Turns Ratio . . . 3 to 1  
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Use it for 1, 2 or 3 stage L.F. It is suitable for all circuits and valves you will want to use.

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It will save you money and **MORE THAN SATISFY YOU.**  
**RELY ON YOUR OWN JUDGMENT IN BUYING—CHOOSE YOUR OWN TRANSFORMER—LET IT BE A NEW LISSEN—remember the 7 days' test offer.**

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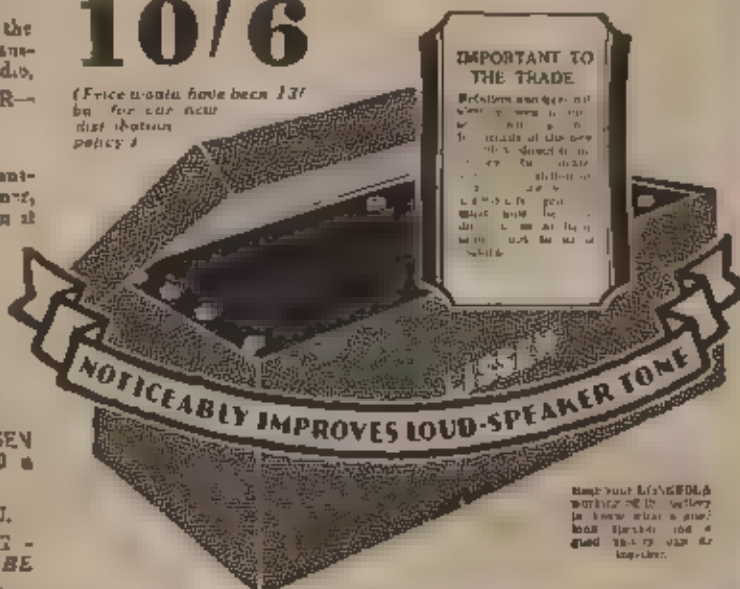
There is a deep capacity and such a reserve that this LISSEN battery does its work effortlessly night after night—standing up to long continuous programmes in a way no ordinary battery does. The secret of the new process is jealously guarded and exclusive to LISSEN.

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LISSEN New Process Battery is rated at 60 volts, but goes considerably higher,

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(Price would have been 13/6 but for our new discount policy.)



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transformer coupled, giving bigger volume than any other form of coupling, and pure reproduction if the LISSEN Transformer is used, no big H.T. voltage required, and for a total cost surprisingly low. You will want one LISSEN Transformer 8/6, one LISSEN fixed Condenser 1/-, one LISSEN Rheostat 2/6, one LISSEN Valve Holder 1/-. And you can use any type or any make of valve with it. Your dealer will help you build.

Every good condenser has a pair of ribs included *Yes*,  
 those the new LIESSEN can which make it as LIESSEN condenser  
 be used without any fail. None for those very and far superior.

SE 4 (Manchester Type) Condens.	2 mild.	1 mild.	3.10
for capacities are			2/5
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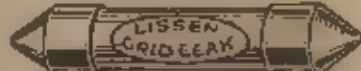
NOT PAY NO MORE FOR A  
LISSEN SET GET AN INFINELY  
BEAUTIFUL CONSUMER

With this as a case, I wish to emphasize to you that you can take place in the case—the only residence of the person which offers you the person. I am not sure if you are a resident of the United States or not.

3. As we never get a date in your set due to a faulty grid each year we  
145LN our first year to it dates are due to an unfortunate error  
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of the 145LN become during the summer of 1970, they were caused by  
7.25 and known by the sun, get in: instance value of each. Long day  
varied.

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בדצמבר האחרון, אף על פי שיש פחות מ-100 שנה מאז שהמדינה החדשה הוקמה, היא עדיין צעירה מאוד. לכן, יש לה עוד הרבה מהלכים לעשות כדי להבטיח את המשך קיומה. לכן, יש לה עוד הרבה מהלכים לעשות כדי להבטיח את המשך קיומה.

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FIXING, OF COURSE.



Med. low cen. low impact (A low elastic  
cottony wool). You cannot get a good value  
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Figure 4. 807

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Page 2/6

Рис. 1. Структура индекса

Lynette Felt 41 2/6

570 421 2 1/6



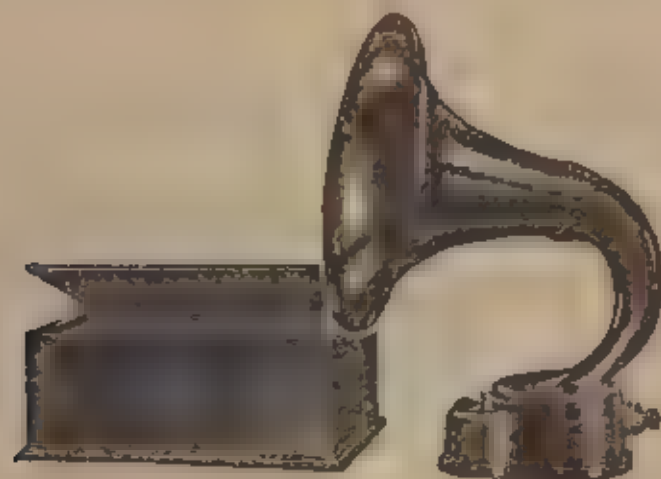
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THE boon of pure loud speaker reproduction is worth a lot to you. Now you can have it for only £6—and no recurring upkeep costs. All you now need to enable you to work a Loud Speaker direct from your Crystal Set is the Brown Crystal Amplifier, and an ordinary  $4\frac{1}{2}$  volt dry battery. No valves to break. No accumulators to recharge. No trouble or expense whatever. Just pure, life-like loud speaker reproduction from your Crystal Set whenever you want it.

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(Excludes of Murens Royalty and Accessories)

### THE BRANDESET III

Like the 2-valve set the new Brandes 3-valve receiver is designed for ease of operation, marvellous compactness and guaranteed efficiency. Its loudspeaker reproduces of great purity and volume, and is expected from a number of our young stations to be prominent in this direction. It is unequalled. Both sets have but three controls on the panel, and can easily be operated by a novice. The 3-valve set has, of course, a greater range, but in other respects its characteristics are as the 2-valve set.

£8:10

# Brandes

From any reputable Dealer.

BRANDES LIMITED, 396 REGENT ST., LONDON, W.1

P. 143 036

# FELLOWS WIRELESS

Type B Unit for  
Alternating Current  
£4 : 10 : 0



## HIGH TENSION FROM YOUR ELECTRIC LIGHT

If you have Electric Light, send for a Fellows H.T. Mains Unit and do away with the expense of renewing exhausted Batteries.

All you have to do is to plug the adaptor of the Mains Unit into a lamp holder, switch on, and an instantaneous supply of H.T. current is at your disposal.

Fellows Mains Units possess, among others, the following advantages:

- 1. ABSOLUTE SAFETY.** An ample margin of safety is provided in these Units which completely safeguards them against breakdown. They are as safe to fit as an electric light globe and as safe to handle when working as an H.T. Battery.
- 2. LOW COST.** The current consumed by these Units is no more than that taken by a "night light" electric lamp. They are thus extremely economical and they rapidly save the cost of renewing Batteries.
- 3. PERFECT RECEPTION.** When ordering state the voltage of your lighting mains and (if current is alternating) the frequency. Your Mains Unit will then give you perfect reception free from all "ripple" or "hum".
- 4. A.C. or D.C.** Fellows Mains Units are made either for Alternating Current or Direct Current and for all voltages commonly in use for lighting.
- 5. SINGLE OR MULTI VOLTAGE.** These units, whether for A.C. or D.C. are made in two TYPES. Type A. delivers a single value only of H.T. Voltage. Type B. delivers three separate values, two of which are variable over twelve tapings, thus enabling the exact required voltages to be applied to several valves at once. (For further description see pages 28 and 29 of our Catalogue No. 10.)
- 6. SEVEN DAYS' FREE TRIAL.** You can have a Fellows Mains Unit on seven days' trial by remitting full value. If you are not more than pleased with it, return it to us in good condition and we will promptly refund your full remittance.

### PRICES (Carriage forward):

A.C.	D.C.
Type A. (50 volts) - £3 : 10 : 0	Type A. (50 volts) - £2 : 10 : 0
Type A. (100 volts) - £3 : 10 : 0	Type A. (70 volts) - £2 : 10 : 0
Type B. (multi voltage) £4 : 10 : 0	Type A. (100 volts) - £2 : 10 : 0
	Type B. (multi voltage) £3 : 10 : 0

FELLOWS, PARK ROYAL, N.W.10.

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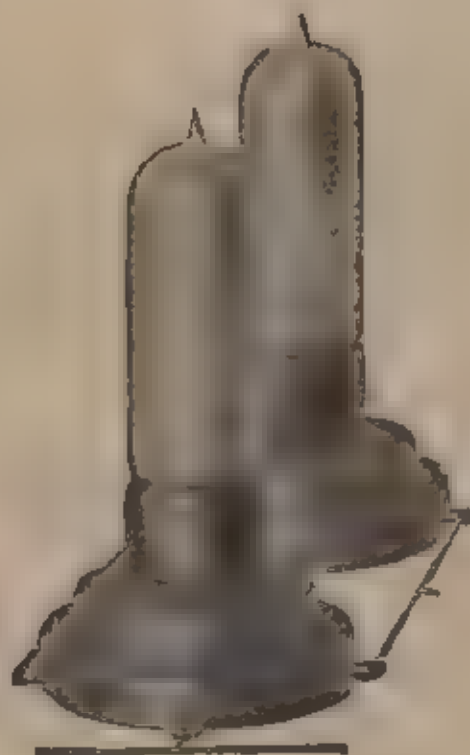
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IT'S

# The Right Thing in the Right Place



You would not take your umbrella to bed—it would be out of place.

In other cases it may not be so obvious. Take radio valves, for instance. There are over 100 different makes—a thousand different varieties—each with a filament, a grid, and an anode. And there is the new Amplion Valve. The right place for this is in your receiver—that is to say, if you desire

*Better Radio  
Reproduction*



# FELLOWS WIRELESS



For 4 or 6 volt Accumulators **45/-**  
For H.T. Accumulators **50/-**

## 10 hours for 1d.!

If you have Alternating Current (A.C.) Electric Light you can charge your Accumulator at home for an absurdly low cost by using the Fellows Accumulator Charger.

The charger is simplicity itself, there are no expensive parts to replace, it cannot harm your electric light in any way, and it is so safe to handle as your loud speaker.

Simply plug it into an electric lamp holder (see above), switch on, give a twist to the knurled knob, and, when the little motor is running connect up your 4 or 6 volt accumulator and leave on charge until the bubbles rise freely in the acid inside. The charger will automatically give the correct charging current.

You need only have one accumulator because you can charge it up when your set is not in use.

Your present accumulators probably cost from 9d. to 1/6 per charge, you cannot be certain that they get fair treatment while away, and there are frequently delays and disappointments.

The Fellows charger eliminates all these troubles. It will charge a 4 or 6 volt accumulator (e.g. 6V 30 Ah) for a cost of about 1d. per hour, even in districts where lighting is as high as 9d. per unit.

There is also a special model designed to charge up H.T. Accumulators in batches of 60 volts at a time. Output 1/2 ampere.

You can, by remitting full cash value, have one of these chargers. **SEVEN DAYS' FREE TRIAL.** If you are not more than satisfied we will take it back and return your money in full.

*N.B. When ordering please state carefully voltage and frequency (cycles) of your mains. You will find this information on your meter.*

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# Louden Valves



"..... for purity of tone and minimum of current your valves appear to be the best on the market."

You want a valve that costs little and gives you a long life of silver clear tones using the very minimum of current to do it.

More and more people each day are discovering all these properties combined in the Louden Valve. Then like Mr. Jeyes, they write and say so.

Louden Valves are made by British labour in a British factory with British capital and can be depended upon for the finest volume, range and silver clearness. They can only be offered at such low prices because of our well-known policy of selling direct to the public and cutting out the middleman's profits.

The list below gives prices and full particulars. Order your Louden Valves from us by post.

<b>4/6</b> Bright Emitters, L Amplifier H Amplifier 5.5 volts 0.4 amps.	<b>8/-</b> Dual Emitters, L Amplifier H Amplifier 2 volts 0.2 amps.	<b>8/-</b> Dual Emitters, L Amplifier H Amplifier 4 volts 0.1 amps.
<b>9/-</b> Bright Emitters, L Amplifier H Amplifier 6 volts 0.1 amps.	<b>11/-</b> D.E. Power Valves, Transformer Amplifier P.E.R. 4 volts 0.2 amps.	<b>12/-</b> D.E. Power Valves, Transformer Amplifier P.E.R. 6 volts 0.2 amps.

Prices and Packing: 1 Valve 4s. 2 or 3 Valves 6d. 4, 5 or 6 Valves 9s.

**FELLOWS, PARK ROYAL, N.W.10.**

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# Do you use a 6 volt accumulator?

## B.T.H.

### HAVE NOW EVOLVED THE IDEAL VALVE COMBINATION

The famous B4 Valve - the finest power amplifying valve ever made - has now its counterpart - the new B4H. In these two valves we have provided the ideal combination for 6 volt accumulators.

The B4H is intended for H.F. detector and early L.F. stages and the B4 for the final L.F. stage.

Those who have had experience of the B4 valve will find the B4H no less remarkable in its own sphere, while in the combination they will reap the full benefits of reproduction hitherto undreamed of.

If you have a B4 buy a B4H. If you haven't, buy both.

### B4H

Filament Volts . . . 6  
Filament Amps . . . 0.25  
H.F. Volts . . . 40 to 120  
Impedance 28,000 ohms

Price - 18 6



# VALVES

### B4

Filament Volts . . . 6  
Filament Amps . . . 0.25  
H.F. Volts . . . 40 to 120  
Impedance 6,000 ohms

Price - 18 6

The British Thomson-Houston Co., Ltd.



60 Volts  
8/9!

post free

**FELLOWS  
WIRELESS**



## THIS H.T. BATTERY

- costs only 8/9,
- is made throughout in London,
- is sent post and packing free,
- reaches you, bristling of energy within a few hours of manufacture owing to the enormous number we sell daily,
- maintains its voltage for the longest possible time owing to the extremely generous "elements" of which it is made,
- will give you a long life of loud, clear reception free from all crackling noises,
- is tapped *every 3 volts* enabling you to apply the exact voltage required by your valves for best results,
- is supplied complete with Red and Black wander plugs—no extras to buy,
- is, in short, the **FINEST IN THE WORLD** because no other H.T. Battery made (except other Fellophone batteries) can come anywhere near it in performance or value.

Other Fellophone Batteries are listed below. We can only offer you this astounding value because, by supplying you direct we save all the middleman's profits and so give you a better battery for less money.

Order from us or from our Branches to-night.

**54 Volt** (with 3 volt tap for grid bias) **Post FREE 6/6**

**60 Volt** (tapped every 3 volts and supplied complete with Red and Black wander plugs) **Post FREE 8/9**

**108 Volt** (tapped every 6 volts and supplied complete with Red and Black wander plugs) **Post FREE 13/-**

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**LEEDS:** 55, Park Lane (Leeds 2478).  
**LIVERPOOL:** 33, John Dalton Street (Central 1164).  
**NEWCASTLE:** 36, Gray Street (City 880).  
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**PLYMOUTH:** 24, Quarry Hill (Plymouth 172).

**BUY DIRECT AND SAVE MONEY**

**FELLOWS  
WIRELESS**



**Better value than this  
simply does not exist.**

**THE VOLUTONE - 45/-**

(Carriage forward)

A really handsome full size loud speaker giving a natural reproduction sufficient to fill a large room. It has an adjustment for controlling volume, and makes a fitting addition to the most expensive set.

**THE JUNIOR - 13/6**

(Carriage forward)

is now offered in an improved form, 19 inches high, no separate phragm, for 13/6 (carriage 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 compare.

**FELLOWS HEADPHONES - 11/6**

(Postage 6d)

complete with circuit work on 6 quires. They are sensitive to the weakest speech and music and can be used for wireless or being made of Duralumin, they will enable us to save space.

*All goods are sent on 7 days' free trial and your money is willingly refunded if you are not completely satisfied.*

**SEND YOUR ORDER NOW.**

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**BUY DIRECT AND SAVE MONEY**



His clutching, thieving fingers cannot harm this new Cossor Kalenised filament—

**N**ORMALLY the filament of a valve is a slender thread of metal subjected to intense heat. From the time the first valve was made, heat in the form of an electric current has been required to produce the necessary electron emission from the filament.

But Heat, although a good servant, is a bad master. His big fingers have robbed every filament of its life. The lighter the filament becomes, the sooner it becomes useless. When the filament is so small that it is just a thread, it is very difficult to handle and it is very difficult to make it last.

Now at last Heat has the big man. His big fingers cannot harm this new Cossor Kalenised filament.

Even after prolonged use the Cossor Kalenised filament never becomes too small to be useful. While the filament is so small, it is so strong that it can be used for a long time.

That's why Cossor Kalenised filament is the greatest filament in the world. It is the only filament that is so strong that it can be used for a long time. It is the only filament that is so strong that it can be used for a long time. It is the only filament that is so strong that it can be used for a long time.

Let your next valve be a Cossor, therefore, and enjoy anew the pleasures of Radio freed from the continual expense of valve replacement.

### Cossor 4-volt Power Valve now available

The new Cossor 4-volt Power Valve is a new type of valve which is designed for use in portable sets. It is a very small valve, but it is very powerful. It is the only valve of its kind that is so small and so powerful. It is the only valve of its kind that is so small and so powerful.

18/6

### Cossor Point One (2 volts)

This is a very small valve, but it is very powerful. It is the only valve of its kind that is so small and so powerful. It is the only valve of its kind that is so small and so powerful.

14/-

14/-

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**Cossor** — the Valve which serves you longest









**FELLOWS  
WIRELESS**

**£6.15.0**  
or 38/4 down.

COMPLETE AS BELOW

*"Its volume is simply Great—in fact it equals many 3 and 4 valve sets I have heard (G.F.L., Netley Abbey.)"*

One more tribute to the wonderful Little Giant Two. Little Giant Sets are made in 4 models and are supplied complete with all accessories including the famous Silver Clear Dull Emitter Louden Valves.

Specifications	Little Giant I.	Little Giant II.	Little Giant III.	Little Giant IV.
Receiver (including Marconi's Royalty)	£7.2.6	£7.17.0	£4.12.0	£6.5.6
Louden 4-Volt D.E. Valves (1)	8.0	(2) 16.0	(1) 41.4.0	(4) £1.12.0
H.T. Battery (Fellophone) (54V)	6.6	(108V) 13.0	(108V) 13.0	(108V) 13.0
Fellows 4V. Accumulator (20ah)	12.6	(20ah) 12.6	(20ah) 12.6	(40ah) 15.6
Aerial, Insulators, Wiring Instructions	3.0	1.0	3.0	3.0
Headphones (H) or Junior Loud Speaker (L.S.)	(H) 11.6 (L.S.) 13.6	(H) 11.6 (L.S.) 13.6	(H) 11.6 (L.S.) 13.6	(H) 11.6 (L.S.) 13.6
<b>Total Cash Price</b>	<b>£4.4.0</b>	<b>£6.15.0</b>	<b>£7.18.0</b>	<b>£10.3.6</b>
Deferred Payments. With Order	24.6	38.4	44.9	57.0
6 Monthly Payments of	12.3	19.3	22.5	28.8

**HOW TO OBTAIN THESE WONDERFUL SETS.**

- 1.—You can inspect and purchase Fellows apparatus at any of our branches (addresses given below).
- 2.—You can forward the full cash value in P.O., Money Order, or Cheque, direct to us or to our branches.
- 3.—You can obtain your set on the Deferred Payment System by enclosing with your order the appropriate first instalment as shown above, and forwarding direct to our Head Office.

Note.—All Fellows sets can be supplied on 7 days' trial, if full cash value is remitted. Money will be refunded in full if you are dissatisfied in any respect. They are sent packing free, carriage forward.

**FELLOWS, PARK ROYAL, N.W.10.**

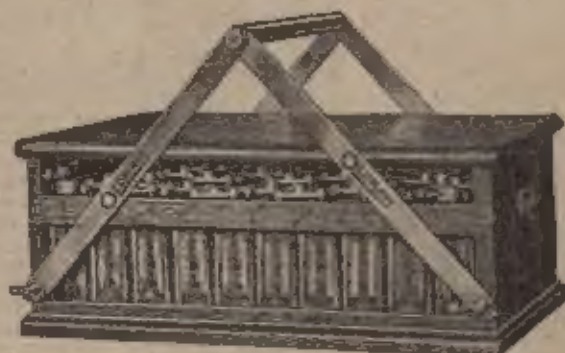
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Add acid to the Oldham H.T. Accumulator and within an hour it is ready for use.



There's no long first charge to delay you.

FROM the Dealer's shelf to your home and contentedly giving up its stored energy within an hour. That is the Oldham High Tension Accumulator. No long and tedious first charge to keep you waiting. For it comes to you already dry charged—you simply add acid and in a short while it becomes active and ready for use.

This is, however, but one of the many advantages the owner of an Oldham H.T. Accumulator enjoys. It has become famous now for the principles on which it is constructed—like an expanding bookcase. It is built up in units. A single unit is made up of ten 2-volt cells complete in a wooden holder; thus if a 60-volt Accumulator is wanted, three of these units are supplied clamped together, complete with carrying

handle. Other units can be added at will.

The Oldham H.T. Accumulator is not only more efficient, but is cheaper than the dry battery. Constant cost of renewals of the H.T. Batteries has been a big deterrent against radio; the initial cost of this accumulator is covered in the amount saved in renewals after a few months' use. An additional feature that must not be ignored is that each cell being tapped, the accumulator can be used for grid bias. Finally, you should note that every Oldham Accumulator is soundly constructed to give years of service.

Ask your Dealer to show you one—you'll be amazed at the moderate price of such a beautifully constructed accumulator.

**10d. per volt.**

60 volts	£2 10 0	100 volts	£4 3 4
80 volts	£3 6 8	120 volts	£5 0 0

Complete with lid and polished aluminium handle.  
 Solid Oak Base, 3/6 extra.

**OLDHAM & SON, Ltd., Denton, Manchester.**  
 London Offices and Service Depot: 8, ECCLESTON PLACE, S.W.1.







# 6<sup>1</sup>/<sub>2</sub>d. Per Volt

Capacity:  
3,000 Milli-Ampere hours

## WHY PAY DOUBLE-

the price for your H.T. Accumulator when you can easily assemble your own at home in a couple of hours of Champion H.T. ACCUMULATOR PARTS at 6<sup>1</sup>/<sub>2</sub>d. per complete volt?

CHAMPION H.T. ACCUMULATOR PARTS are guaranteed, made of best quality entirely British material; they have stood the severest tests, and have a 30% higher capacity than many other well-known makes at nearly double the price.

It is a recognised fact that a 40-50 volt H.T. Accumulator is equivalent in power to a 60-66 volt H.T. dry Battery; then why not begin by making a 40 volt H.T. Accumulator?—and should you still wish for more power you simply add more cells at will (you get full power all the time; not 60 volts to-day, run down to 50 volts next week, as is the case with your dry Battery). Recharge once every 7-8 months.

Parts required for each 2 volt cell.

- |   |          |
|---|----------|
| 1 Champion Glass Jar, with separator                          | 4d. each |
| 1 Champion Positive Plate, and bridge in sealed packet        | 4d. each |
| 1 Champion Negative Plate, in sealed packet                   | 4d. each |
| Champion Mica Glass Jar covers (1 for each jar), packet of 12 | 3d.      |
| Champion Accumulator Pitch, per packet, enough for whole Acc. | 3d.      |

Each article can be obtained separately, or in quantities at the rate of 6<sup>1</sup>/<sub>2</sub>d. per complete volt, of all Leading Dealers, or post free direct from the manufacturers. When ordering direct please send correct money to avoid delay. Cheques, M.O. and Postal Orders should be crossed. Illustrations and full instructions with every Battery or free on application.

**THE CHAMPION ACCUMULATOR CO.,**  
2, Prebend Street, Leicester.

The Very Soul of Music

# CELESTION

Entirely—**REALISTIC**—British

All eminent authorities agree that the nearest approach to absolutely natural response is obtained by use of Celestion Radiophones and Self-contained Balanced Signal Radio-receivers.

**INSIST ON HEARING CELESTION**

The only instrument which improves with age. Let your choice be the choice of the expert. The new Radiophones are utterly astounding.

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Phone: 4-10000, 4-10001

**A DEMONSTRATION**  
We cordially invite you to visit our London Showroom and hear the Celestion Radiophones and Balanced Signal Radio-receivers.

**A REVELATION**



**THIS IS THE**  
"TITLED IN A MINUTE."

PRICE  
**6D.**

FROM ALL DEALERS  
BY POST 7d.

# VERNI-NOB

From 10d. 7d. and 5d.

The Verni-Nob does all the work of a Verrier attachment on Verrier dial and increases the accuracy of your set. Precision drive. No backlash. 30 to 1 reduction with 1" dial. 16 to 1 reduction with 4" dial. **OVER 80,000 SOLD.** SEND FOR LIST OF M.A.P. COMPONENTS.



**M.A.P. Co., 246, Gt. Lister St., Birmingham.**

**EVERY LOUDSPEAKER  
DESERVES MULLARD  
MASTER VALVES**

—Ask for—  
**Mullard P.M. Power Valves.**

# FELLOWS

## ELECTRIC LAMPS

FROM  
**1 1/2**

**LAMPS  
THAT  
LAST**

# They Last!

because of the infinite care taken in their manufacture.

**TYPE B (Half-Watt Type).**

Volts and Power				
Watts	30 V.	50 V.	100 V.	200 V.
30	1/10	1/10	1/10	1/10
40	1/10	1/10	1/10	1/10
60	1/10	1/10	1/10	1/10
100	1/10	1/10	1/10	1/10
200	1/10	1/10	1/10	1/10

**TYPE A (Vacuum Type).**

Volts and Power				
Watts	50 V.	100 V.	200 V.	250 V.
30	1/2	1/2	1/2	1/2
40	1/2	1/2	1/2	1/2
60	1/2	1/2	1/2	1/2
100	1/2	1/2	1/2	1/2
200	1/2	1/2	1/2	1/2

Postage and packing: 1 and 2 lamps, 6d.; 3, 4, 5 or 6 lamps, 3d.

N.B.—Kindly state the type, watts, and exact voltage, as shown on your electric light meter, of the lamps you require. Include with your remittance amount to cover postage as shown above. Return for every Fellow's Lamp is guaranteed.

## BUY BY POST & SAVE MONEY

FELLOWS, PARK ROYAL, N.W.10.

# PERFEX AERIALS



## IMPROVE RECEPTION BEYOND CONCEPTION—ASK USERS.

WIRELESS APPARATUS, LTD., 25, PANTON ST., HAYMARKET, LONDON, S.W.1

**TWO ESSENTIALS FOR IMPROVING YOUR WIRELESS**

**VERNIANOB. "CLARKE'S" APERIODIC COUPLER.**

Fix 3-16", 1" and 1/2" A.A. Spindles. Ratio 10-1. No Backlash. Converts ordinary condensers into super-vernier type.

POST FREE **8/6**

**"ATLAS" APERIODIC COUPLER.**

Fix into the core of almost any coil. Greatly increases selectivity. Only to be used on sets with no stage of I.F.

POST FREE **8/-**

If you cannot get them from your dealer, send direct to the makers.  
**H. CLARKE & CO. (MCR) Ltd., "Atlas" Works, Old Trafford, Manchester.**

# Play Bagatelle at home

On a perfect bagatelle table  
—not a toy.

**7/9** DOWN secure the popular 6ft. x 3ft. table. The beginner can play in 17 months! Postage 2/6. Cash Price **20-10-0**

Bagatelle played at home with your family and friends is a wonderfully entertaining game for winter nights. Every home can now have its own Bagatelle table. Riley's Easy-to-play makes this possible. There are three sizes, 6ft., 5ft., and 4ft., suitable for the smallest room. Can be folded and stored away. All accessories included. **CARRIAGE PAID.** Free packing case. 7 days free trial and Riley's table will run in tennis. Post Free List then on request.

**E. J. RILEY, LTD.**  
**JASPER WORKS, ACCRINGTON.**  
and Dept. 341 141, Aldersgate Street, London, E.C.1.



# EKCO H.T. UNITS

## SCRAP DRY BATTERIES!

By obtaining H.T. Current from electric supply mains (T.C. or A.C.) by just attaching Adapter to electric light lampholder!

**SAFE! SILENT! SOUND!**

The "QUALITY" Unit.

UNITS TO SUIT! FROM **42/6.**

ILLUSTRATED FOLDER FREE!

**EKCO LTD (Dept. H.) 513, London Rd., Westcliff-on-Sea.**







# FREE



Perfect Radio  
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