



## Crystals and Crystal Detectors

Despite the great overwhelming number of multi-tube receivers in use to-day the fact still remains that a good crystal receiver can and will do very satisfactory work and bring in a lot of "dx." We still get a thrill out of a thousand miles of "dx" on a crystal, and it can be done on a good receiver hooked up to a good antenna and a ground connection that is a ground connection.

The idea of "getting something for nothing" always appeals to everyone, and we have a fine example of how this can be done in the crystal detector radio received. We have no tube to replace, no batteries of any kind to purchase or replace or keep charged—nothing to pay for after the initial layout has been invested in.

The most important single item which enters into the construction of a crystal detector outfit is the crystal itself. There are a number of minerals which show detecting action when used in a radio receiver, but only three or four which are sensitive enough to count on for "dx." Most prominent among this vast number are "silica" and "galena." Silica requires a rather heavy contact with a piece of steel wire—piano string wire about No. 24 is admirably suited for the contact wire of a silicon detector. It is fairly sensitive and the

Copyright, 1925, by the American Radio Relay League, Inc.

surface of the detector is pretty well covered with sensitive points. The sensitive point of contact is not easily "burned out" by static and the pressure of the wire on the crystal is usually strong enough that the detector can stand considerable jarring before the sensitive point of the crystal is lost.

Galena (lead sulphate) is very much more sensitive, but requires a rather light contact with a fine wire. For the contact, you should use a No. 20 or No. 24 copper wire. The surface of galena is not uniformly sensitive, nor are cubes from the same piece of material always sensitive. To get a really sensitive crystal, especially galena, requires much testing of various specimens.

The crystal should be mounted in a small brass cup, a trifle larger than the crystal. The cup from the carbon of an ordinary dry cell makes an excellent container for a crystal. The crystal should be mounted in the cup by means of some low melting point metal. Woods metal, of the amalgam used by dentists, makes an ideal material to seal the crystal in the cup. Either of these metals can be melted in boiling water. In no case should solder, or any high melting point metal, be used, as the sensitivity of the crystal will be immediately destroyed.

## What Great Men Have Said on Votes for Women

Pope Benedict XV.—"I would like to see women vote everywhere."

Cardinal Moran.—"The woman who says she does not want the vote and would not know how to use it is a silly creature."

The late Mr. Harding said—"The world has reason to welcome every effort looking toward large co-operations, better understanding, and the minimizing of differences and frictions. In this direction the women with their fine sense of human values, their generous purposes and their unselfish aspiration for the betterment of the race will be able to contribute much."

President Coolidge said—"Society is more and more taking counsel of all its parts. The rule of the people is being more and more extended, common welfare is the concern of all. There are some problems with which men are peculiarly fitted to deal, there are others which lie within the special province of the women. There is great opportunity for mutual benefit in mutual consultation and for mutual help through mutual sympathy."

Lord Astor, a word to my anxious brother-husbands—"When you look for a definition of the word 'home' don't use a pocket dictionary. Take the large definition you will find that the home means the homeland. If your wives take a real interest in political life you will find that they are helping make conditions better for all the people of your homeland. Let your homelands make all homes more like they should be. You can do this, like one, you have the right wife."

ARRIVED AT HALIFAX.—The ship, Union Jack, arrived at Halifax from Port-au-Prince, after a rather lengthy passage. A message to the above effect was received by Messrs. Monroe Export Company yesterday.

## FACE BROKE OUT WITH PIMPLES

Hard, Red and Large. Itched and Burned. Cuticura Healed.

"My face broke out with pimples that looked terrible. They were very hard, red and large, and they fastened and itched so. The pimples itched and burned something terrible. My face looked terrible and I hated to go anywhere. The trouble lasted over a year."

"I read an advertisement for Cuticura Soap and Ointment and sent for a free sample. I purchased more, and after using several boxes of Soap and a couple of boxes of Ointment I was healed." (Signed) Miss Gertrude Wagner, Rt. 5, Britain Ave., Boston Harbor, Mich., Sept. 10, 1923.

Use Cuticura Soap, Ointment and Talcum daily and keep your skin clean and healthy.

Sample Soap Free by Mail. Address: Cuticura Dept., "Cuticura," P. O. Box 1010, Montreal, Que., Can. (Cuticura is a trademark.)

Try our new Shaving Stick.

## Astonishing Facts Of Keen Interest to Newfoundland People.

Whilst it has been an established fact that the Old English House of WM. P. HARTLEY, LTD., of Liverpool and London, England, is controlling the major portion of Newfoundland's Preserve Trade, it will no doubt be of keen interest to many to learn that even this major portion has reached an astonishing stage.

Though 1924 was a record year in the sales of Hartley's Jams, Jellies and Marmalade, 1925 has begun with even still bigger business, and present conditions point to a tremendous output during the coming months.

Stores, large and small, far and near, sell the Hartley line. Why? Simply because

A LINE OF PURITY IS A STANDARD FOREVER.

## LEO A. DUFFY

is Sales Agent for Newfoundland Territory.

Feb 12, 1925, St. J.

## Arle Marks Plays an Adorable "Brat"

IN OLIVER MOROSCO'S GREAT SUCCESS NOW AT CASINO.

A great reception was accorded the Arle Marks presentation of "The Brat" last night. The Casino being again filled to its capacity. Although we have already seen this play, it is nevertheless always new, and particularly so in its present offering, for Miss Arle Marks gives new life to the title role and literally lives the part. She has grace and charm coupled with unusual magnetism. By her winsomeness, vivacity and sense of humour she makes delightful the role of "the brat" and in the serious scenes which call for emotional work she is excellent. The role of "the brat" is filled with heart interest and delicate humour and immediately wins and holds the audience's sympathy. Lindsay E. Perrin increased his popularity by his work in this bill in the role of Steve Forrester. His acting is delightfully natural. Mac Forrester is very cleverly impersonated by Paul Brady who is exceptionally fine in this character. Ames Stutz as Mrs. Forrester is all at home in this role, in which she gives a flawless performance. Merle Scott, Peggy Logan and Susie McDonald do effective work and keep up their end of the show in good style. Paul D'Mathos as The Bishop gives a faithful portrayal of this gentleman, whilst W. L. (Billy) Phillips as Timson is excellent.

The story itself is beautifully interpreted by the above cast and is very pleasing with strong audience appeal. Then, too, there is a delightful little romance running through it which is capped off by a beautiful climax. "The Brat" with its attractively appealing story, its blending of pathos and humor, and the charm and artistry of Miss Arle Marks should prove excellent entertainment for the lover of the spoken drama.

Miss Marks and Mr. Perrin gave the audience an extra treat last night by appearing in a specialty, in the form of song and dance which was loudly applauded. Miss Merle Scott's violin selections were beautifully rendered and this together with Micky Kane's numbers were received with enthusiasm. The Scotch Lads and Lassies appeared in a new review which was well up to the usual high mark of perfection.

To-morrow afternoon there will be a matinee, for which there will be a general admission, which is advertised elsewhere in this issue.

ANNUAL TEA.—The annual tea of the C. M. B. C. will be held in the Synod Hall to-morrow evening, beginning at 6.45. The C. L. B. Band will be in attendance.

## Treat your LIVER right

If you want to live your life—to work, to profit and enjoy your leisure—your head heavy, your skin sallow and eyes dull—your liver needs attention. Stimulate it gently, safely, effectively by using

**BEECHAM'S PILLS**  
a few doses of this thoroughly tried family remedy—famous the whole world over, will make you feel better and look better. They regulate the flow of bile, clear the bowels, banish dizziness, nausea, headaches and bilious troubles.

## BEECHAM'S PILLS

Sold Everywhere in Canada

MINARD'S LINIMENT FOR ACHE AND PAIN.

## LUX

You cannot buy good woollens, good silks, good satins, good voiles, or in fact any good article unless you pay a good price.

Just as Diamonds cost more than glass beads, as gold costs more than brass, so does Lux cost more than ordinary soap flakes.

If you wish to save money, don't buy inferior soap. This play, it is, nevertheless always new, and particularly so in its present offering, for Miss Arle Marks gives new life to the title role and literally lives the part. She has grace and charm coupled with unusual magnetism. By her winsomeness, vivacity and sense of humour she makes delightful the role of "the brat" and in the serious scenes which call for emotional work she is excellent. The role of "the brat" is filled with heart interest and delicate humour and immediately wins and holds the audience's sympathy. Lindsay E. Perrin increased his popularity by his work in this bill in the role of Steve Forrester. His acting is delightfully natural. Mac Forrester is very cleverly impersonated by Paul Brady who is exceptionally fine in this character. Ames Stutz as Mrs. Forrester is all at home in this role, in which she gives a flawless performance. Merle Scott, Peggy Logan and Susie McDonald do effective work and keep up their end of the show in good style. Paul D'Mathos as The Bishop gives a faithful portrayal of this gentleman, whilst W. L. (Billy) Phillips as Timson is excellent.

Lux is made and guaranteed by Lever Brothers, Ltd., soap-makers to His Majesty King George. Lux is reliable. Lux is as pure as the most expensive toilet soap.

Wash your baby's clothing with Lux. Use Lux for washing expensive clothes, your silks, voiles, woollens, satins, crepes, etc. Lux is sold only in packages.

When you pay many dollars to get the clothing you like, it is foolish to buy inferior soap flakes which will ruin good clothing.

Lux is so pure you may use it to shampoo your hair, or in your bath. You can depend on Lux: beware of imitations, take care to get Lux, which costs only 10 cents per package.—Jan 24, 1925

## "The Dark Swan" Has Wonderful Theme

A FILM NONE SHOULD MISS AT THE NICKEL.

How many have sought happiness in the glamour of youth, married women of the water type, much younger than themselves, to find, eventually, that they have made a mistake.

It is not until the pollen is brushed from the gossamer wings of romance that the man's vision clears. Then he sees that his young wife seeks companionship amongst those of her own age and secretly despises him for his inability to go the pace.

How one man was disillusioned after he had cast aside the deep and true affections of a quiet and accomplished girl and married her younger foster sister, is aptly portrayed in "THE DARK SWAN," which was adapted into a Warner Bros. Screen Classic from the powerful novel by Ernest Pascal, and which is on view at the Nickel Theatre.

Louis Dike, a middle aged banker, loves Cornelia Quinn, a rather plain but interesting and secretly romantic girl. He meets Cornelia's foster sister, Eve, a sophisticated and beautiful flapper. He becomes infatuated with her and they marry. Eve becomes tired of her husband's quiet tastes and finds excitement at hilarious parties.

After a hectic existence they are divorced and then Dike comes to a realization of his love for Cornelia. The cast is headed by Marie Prevost, Monte Blue, Helene Chadwick, and includes Lilyan Tashman, Vera Lewis and Carl Miller, in addition to many other well known players.

"THE DARK SWAN" was adapted to the screen by Fred Jackson; and Millard Webb created a film classic through his masterful directing.

"GLASSBAKE" Ovenware makes less work for the housewife. From the Oven to the Table. To be had only from S. O. STEELE & SONS, LTD., 100 Water Street East.

**Express Passengers**  
The following passengers crossed over to Port aux Basques last night and joined the express:—Miss D. Goodall, G. Jenkins, H. Clark, Dr. Cowperthwaite, Mrs. Cowperthwaite, F. Kay, M. S. Sullivan, J. Prepinier, R. Blais, Z. Thomas, S. Cooper, J. R. Ledingham, Mrs. H. J. Ganev, T. Banikham, G. F. Murphy, and F. Power.

## Drama of Lost People

THRILLING HUNTS FOR THE MISSING.

Missing! The word suggests all sorts of possibilities, and hence a great hunt is often made for a person whose whereabouts are a mystery.

A search for a youth who disappeared a few years ago was continued for nearly two months and cost more than £1,000. His description was advertised in the newspapers and on boardings, and inquiries were made at hospitals, hotels, boarding-houses, recruiting and shipping offices, and other places all over the country. Yet all the time he was in the army.

Still more comprehensive was the search for a London woman doctor whose body was ultimately discovered by chance in Richmond Park. A special feature of the efforts was the circulation of thousands of handbills among cabmen, waiters, hotel servants, and the like.

Scouring the Mountains.

On different lines was another remarkable hunt. A young farmer having disappeared from the parish of Craswell, near Hay, South Wales, search parties were organized on a large scale, and these scoured the neighbouring mountains, even going so far afield as the Brecon Beacons and the Carmarthenshire hills. All efforts, however, were unavailing. Twelve years afterwards his relatives discovered him in Exmouth Asylum. In a similar hunt eleven hundred miners spread themselves over the Aberdare Valley, and ultimately found the object of their search—a little boy—in a railway van about a quarter of a mile from his home.

To find a boy missing from the Rhondda Valley an exploration committee was formed and a fund was raised. After the search, which ended in the discovery of the boy's body on the highest peak in the Glamorgan mountains, the balance in hand was disposed of by presenting gold medals bearing appropriate inscriptions to the more prominent of the explorers.

Seventeen Hundred Searchers.

In the Merthyr Vale some years ago took place one of the biggest hunts of this kind ever known. Six hundred colliers set out in search of a boy who had disappeared. As they were unsuccessful, three hundred others took up the quest on the following day, to be succeeded by a fresh batch of eight hundred on the morrow, the services of the whole of these men representing a loss of wages of about £425. But all measures were in vain.

A house-to-house collection was then made, and with the proceeds a diver was obtained from Cardiff to search the deep pools in the Taff. Again no trace of the child was found. Twenty-one days after his disappearance, however, his body was discovered in the river.

Perhaps the greatest of all searches for the missing is one that is still in progress. It is for Ambrose J. Small, a millionaire theatre owner, of Toronto, who disappeared in December, 1919. One evening he left his office in the Grand Opera House and vanished.

30,000 Miles—for Nothing.

Since then every clue to his whereabouts has been followed up regardless of expense. Eleven months after his disappearance, for instance, a caretaker reported to the police that he had seen two men carrying something apparently heavy from a motor car to a refuse dump. This story, even if true, did not amount to much. But a steam navy was obtained, and with it every yard of ground near the place pointed out by the caretaker was turned over. In such attempts to clear up the mystery large sums have been spent. A Toronto detective has travelled more than thirty thousand miles in tracing rumors to their source in Canada and the United States, while a short time ago negotiations were opened with a man who professed to know definitely that Mr. Small had been kidnapped.

## "Cascarets" 10c

if Constipated, Dizzy, Bilious

Feel fine! Let "Cascarets" clean your bowels and stimulate your liver. No gripping or overeating. Millions of men, women, and children take this harmless laxative—Cathartic. It doesn't sicken you like pills, oils, calomel and salts. Tastes nice—acts wonderful. 10c, 25c, and 50c boxes—any drugstore.

**SLIGHTLY COLDER.**—Thermometer at the Valley Nurseries last night registered eight degrees of frost.

**MINARD'S LINIMENT FOR THE GRIPPE.**

FOR EVERY ILL—MINARD'S LINIMENT.

## It Is Come at Last.

What? What?  
The Picture we looked for weeks ago but was delayed,  
Her Temporary Husband

See It At The Popular  
STAR To-Morrow.

## BRICKS!

10,000 Best Fire Bricks

100,000 Buildng Bricks

— AND —

200 Sacks Fireclay.

H. J. Siabb & Co.

Feb 6, 1925, St. J.

For Coughs and Colds

Stafford's Phoratone

This excellent mixture will cure almost every ordinary cough or cold in very short time. The best time to take it is the minute you feel you have taken cold.

WE GUARANTEE IT WE RECOMMEND IT

because we have sold thousands of bottles and because customers are continually asking for PHORATONE in preference to other mixtures.

You can purchase PHORATONE in two sizes

35c. and 60c. Per Bottle.

— AT —

KNOWLING'S—East, West and Central

J. F. WISEMAN—Carter's Hill.

F. LUKINS—Hayward Avenue.

WISEMAN & HAWKINS—Plymouth Road,

STEERS, LTD.

— or —

Dr. F. Stafford & Son,

Theatre Hill and Water St. West.

COAL!

We have now the Best \$20.00

WELSH ANTHRACITE

Also, BEST AMERICAN ANTHRACITE.

In Stock: SCREENED NORTH SYDNEY.

We believe this is the highest grade Sydney Coal we have ever had.

**A. H. Murray & Co., Ltd.**

Coal Office: Phone 1867. Beck's Cove.

COAL!

Now landing ex Julius Holmblad

Best Screened North Sydney Coal.

**W. H. HYNES.**

ang 23, 1925, St. J.

In spite of predictions to the contrary, the ankle-strap slipper continues to be good for spring.

The importance of the eye is stressed anew for spring.

For EVERY ILL—MINARD'S LINIMENT.

MINARD'S LINIMENT FOR THE GRIPPE.

MINARD'S LINIMENT FOR THE GRIPPE.

MINARD'S LINIMENT FOR THE GRIPPE.

MINARD'S LINIMENT FOR THE GRIPPE.

MINARD'S LINIMENT FOR THE GRIPPE.

MINARD'S LINIMENT FOR THE GRIPPE.

MINARD'S LINIMENT FOR THE GRIPPE.

MINARD'S LINIMENT FOR THE GRIPPE.

MINARD'S LINIMENT FOR THE GRIPPE.

MINARD'S LINIMENT FOR THE GRIPPE.

MINARD'S LINIMENT FOR THE GRIPPE.

MINARD'S LINIMENT FOR THE GRIPPE.

MINARD'S LINIMENT FOR THE GRIPPE.

MINARD'S LINIMENT FOR THE GRIPPE.

MINARD'S LINIMENT FOR THE GRIPPE.

MINARD'S LINIMENT FOR THE GRIPPE.

MINARD'S LINIMENT FOR THE GRIPPE.

MINARD'S LINIMENT FOR THE GRIPPE.