

### Clara Bow Was Known As "Carrot Top" Among Her Gang In Brooklyn

BY DUANE NEENESSY  
United Press Staff Correspondent  
HOLLYWOOD, July 8 (U. P.)—Clara Bow was born 25 years ago in a drab little flat in Brooklyn. She was destined to live a childhood of poverty and then to sky-rocket to a fame which would make her the idol of movie-going public.

Before Clara was born, Robert and Sarah Gordon Bow had two daughters. One lived for an hour. The other lived for a day. From the day she brought Clara into the world she was never free from ill health of the most shattering kind. "I loved her terribly," Clara said in speaking of her mother during an interview. "Her beauty to me was something divine. Her hair was long and golden and hung below her knees, the most beautiful hair I have ever seen. I used to make up fairy stories about it. Her face was thin, almost transparent."

The Bows lived in an upper flat and Clara went to the nearest school. She played in the streets with the other children.

"I always played with the boys," she said. "I never owned a doll in all my life and I had no use for girls and their games. I could beat most of the boys running and I could pitch. I always was chosen first when we made up sides for baseball."

"My clothes were terribly poor and other girls used to make fun of me and call me carrot-top. As I grew older I played with the boys more and more, because I felt shy around girls and they made me nervous."

It was in those days that Clara learned much about boys, she said.

"I was an awfully plain kid. I kept my hair tied back out of my eyes. Sometimes in the evenings the boys would build a bonfire and we would sit around it. The boys never noticed me; they just talked as though I were not there. I learned what boys really think and how they judge girls. I knew which ones they could kiss and how they made fun of them. I was happy they didn't think me a sissy and I'd do anything to prove I wasn't. We hopped rides on trucks, and got lost, and everything."

This was the early life of the girl who was to become famous. She never cared much for cooking, or housework, but she became an excellent home nurse in caring for her mother.

When the time came for her to start to Bayside high school she was still a tomboy. She wore sweaters and made over clothes of her mother's.

"When I was 14, my mother felt better for awhile," Clara said. "She took a little interest in my clothes, did my hair a new way and made me a dress that was cut in at the waist. It showed pretty plainly that I wasn't a boy, after all."

"Right away there was a change in the boys' attitude toward me. One boy, who always had been my pal and had caught on the team for which I pitched, kissed me one night. I wasn't angry; I was horrified and hurt. It seemed the end of everything."

"The boys always had liked me. Not to kiss, or to make love to, but as a buddy. But I knew then, when that boy kissed me, that my tomboy days were over."

# Clark's Soups Awarded First "Seal of Approval" Issued by Chatelaine Institute

## Win high honours for quality and flavour

The Chatelaine Institute has issued its first "seal of approval" . . . it goes to Clark's Soups!

For months, expert dietitians in the Chatelaine Institute, under the personal supervision of Miss Helen Campbell, have been testing the 13 varieties of Clark's Soups—testing them for quality of ingredients, flavour, wholesomeness, cooking. The result is . . . Clark's Soups have been awarded the first "seal of approval" ever issued by this famous Institute of food experts!

We are proud of this honour, adding, as it does, to the approval given Clark's Soups, year in and year out, by the most important judges of any food product . . . the public!

**The Chatelaine Institute**  
Maintained by The Chatelaine Magazine

This is to Certify that **Clark's Soups (13 Varieties)** a product manufactured by **W. Clark Limited, Montreal, P.Q.** has been

**Tested and Approved by The Chatelaine Institute** and is hereby awarded the official endorsement of the Institute

This certificate therefore entitles the manufacturer of the above-mentioned product to the following privileges:

- To state in connection with said product that it has been tested and approved by The Chatelaine Institute.
- Announcements of said test and approval may be made in booklets, circulars, leaflets, or other publicity literature issued by said manufacturer, or in his trade paper, periodical or newspaper, or other forms of advertising, provided that such announcement is made only and always in the following words: "Tested and approved by The Chatelaine Institute, maintained by The Chatelaine Magazine."
- This certificate further entitles the manufacturer to reproduce and use the Seal of Approval of The Chatelaine Institute in the manner hereinafter described and defined.
- This certificate and all privileges hereby granted are subject to the terms and conditions as set forth below.

In Witness Whereof The Chatelaine Institute has hereunto set its Seal of Approval as evidence by the hands of its proper officers in that behalf.

Dated at Toronto this Sixteenth day of May 1931

*Helen Campbell*  
Director, The Chatelaine Institute

*W. Clark Limited*  
Manufacturer

This Certificate is issued subject to the following terms and conditions:

The Manufacturer is authorized and permitted to reproduce and use the Seal of Approval of The Chatelaine Institute in the manner hereinafter described and defined.

The Seal of Approval shall be used only in connection with the product for which it is issued and shall not be used in connection with any other product.

The Seal of Approval shall be used only in connection with the product for which it is issued and shall not be used in connection with any other product.

The Seal of Approval shall be used only in connection with the product for which it is issued and shall not be used in connection with any other product.

Here is a duplicate of the "Seal of Approval" certificate awarded Clark's Soups. It is the first ever awarded to any product in Canada. It represents the judgment of some of Canada's most prominent food experts . . . a guarantee of the purity and quality of Clark's Soups. This test was absolutely unbiased. The Chatelaine Institute did not receive one cent for its work.



Top—Two expert dietitians at work in one of the modern Chatelaine Institute Kitchens. Here, Clark's Soups were submitted to exacting tests.



Let the Clark Kitchen help you for Quicker and Better Meals.



Left—Here's another reason why Clark's Soups have earned an enviable reputation for quality. Experts making tests in Clark's private laboratory. Before any Clark Food is placed on the market it is thoroughly tested—nothing is left to chance!

Below—A corner of one of the Clark Kitchens. As clean and up-to-date as any private kitchen. Note the Government Inspector under whose watchful eyes Clark's Foods are prepared. Every Clark Food containing meat carries the Government Seal of Approval.

### Mechanical Brain Latest Invention Of Electrical Men

CALCULATING MACHINE DOES WORK TAKING HUMANS HOURS IN SPACE OF FEW MINUTES

CAMBRIDGE, Mass., July 8.—Invention of a mechanical brain whose grey matter is mostly light was announced today by the Massachusetts Institute of Technology.

The brain is a calculating machine, which makes use of light by a trick almost as simple as the cutting out of paper dolls. It performs in a few minutes mathematical problems which by human brains and hands require anything from hours to days.

Analyses Graphs  
It analyzes graphs by turning them into light. Graphs are lines showing averages, familiar to every scanner of business pages of daily newspapers. They are the lines which rise and fall, like a tracing of mountain peaks, to picture anything from a series of business cycles to the variations of good radio reception under sunspot influence.

The paper on which these graphs are traced is treated so that the portion below the graph is transparent. The effect is like cutting out paper dolls, leaving the figures of the dolls outlined as openings in the original card. The treated graphs, when a light is placed behind them, quaintly resemble a luminous row of mountains or the skyline of a city at sunset.

The amount of light coming secret of the mathematical problems upon the shape, size and angles of the peaks and valleys which contain the secret of the mathematical problems. Measuring the volume of this light gives the essential difference between any two graphs or any set of graphs.

Does Rapid Work  
The brain analyzes this light, does it in two photo-electric cells. The light from the graph falls upon one of these cells. Upon the other is directed a light beam of known intensity. A crank is turned to change the intensity of the known beam until the photo-electric "eyes" show that its volume is the same as that from the graph, thereby revealing how much light comes through the graph.

With this measurement estab-

lished, the brain completes its problem by the mathematical method known as integration. For example graphs of the varying flow of the Ohio River, when compared by the light brain, showed the cycles of high and low water, and that they have a certain rhythm.

These figures are useful in predicting future behavior of the Ohio. The flow of the Susquehanna River also has been studied through this new instrument.

Follows Five Years' Work  
It is called the photo-electric integrator and was developed by Dr. Truman S. Gray in the Department of Electrical Engineering at the suggestion of Dr. Vannevar Bush. Dr. Gray began this research five years ago.

"With it," says the announcement, "the solution of extremely intricate mathematical problems is accomplished with astounding rapidity and accuracy. It is expected to play a somewhat similar part for the scientist or engineer that the adding machine plays for the banker and accountant, with a distinct saving of time and improvement in accuracy. While the businessman ordinarily is concerned with columns of numbers, the engineer deals with functions, groups of numbers which indicate the way one quantity varies with another. These are often most easily expressed as curves of graphs."

### No Depression At Telegraph Office

Recently Installed Plant Making the Messages Fly Automatically.

That the Canadian National Telegraphs are not planning on any protracted period of business depression in this province is evidenced by the scene of activity at the local office during the past few days.

Although the capacity to handle traffic was increased a hundred fold slightly over a year ago, by the installation of automatic apparatus, a further installation just now completed has increased the output one hundred and twenty percent beyond that of the automatic as originally installed.

Stripped of technical terms, which are more or less meaningless to the lay mind, this speeding up of the service is the equivalent of laying four new cables across the straits, by the process of utilizing the standing cables with the most

### modern Multiplex Highspeed Automatic Telegraph.

This installation makes it possible for messages between Charlottetown and the mainland to be forwarded in one minute and under, from the time of filing. It follows that all messages from points outside the city are equally served by this installation, as all messages reaching the city are transmitted in the order in which they are received.

An analysis of business passing from the Island to the Mainland indicates a highly satisfactory speed of service for all concerned. This installation was made under the supervision of Mr. G. F. Barlow, Supervisor of Automatics from the general offices at Toronto, assisted by Mr. H. E. Hoyt Inspector of Equipment and Installer.

Mr. Barlow made his final tests yesterday and pronounced everything in perfect working order.

### Picking Your Right Job

BY JOSEPH P. DAY  
Real Estate Expert  
As Told to J. V. FitzGerald  
Of the American School of the Air

Broadly speaking, the broker, the building manager, the builder and the operator, or bond and mortgage expert, are all included under the general head of real estate. But I think for our purpose we can eliminate the builder. You want to keep in mind that real estate is the basis of all security. Practically every business is allied with it in some way.

# CLARK'S SOUPS

- TOMATO VEGETABLE OXTAIL
- CHICKEN PEA GREEN PEA
- MUTTON BROTH SCOTCH BROTH
- MOCK TURTLE JULIENNE
- CELERY CONSOMME
- MULLIGATAWNY

W. CLARK LIMITED, Establishments at Montreal, P.Q., St. Remi, P.Q. and Harrow, Ont.

FREE YOUR copy of the "Hostess" Calendar is ready. It contains many pages of recipes, meal-planning and correct table setting information. Illustrated in colour. On the front cover is a wonderful picture of the famous Clark Baby, beautifully coloured. Simply send in the coupon, filled in, along with one Clark Soup label for label from any other Clark product to W. Clark Limited, Box 294, Dept. C.G. Montreal, and we shall mail a Calendar to you.

NAME \_\_\_\_\_ ADDRESS \_\_\_\_\_ (Please print)

A Canadian Firm Established 1877

### Big Brains In Little Heads

LONDON, July 8 (British United Press)—Many great intellects are found in small heads, according to Dr. Bernard Hollander, the author of "Brain, Mind and External Signs of Intelligence," who expounds the theory that mental ability can be judged by the size of the brain.

The brain of Anatole France, the famous French writer, was found to weigh 13 ounces less than the brain of the average man, declared Dr. Hollander.

### Inch May Decide Baby's Nationality

PARIS, July 8 (British United Press)—Whether a certain infant, who was born on board the Brussels-Paris train at the moment it was crossing the Franco-Belgium frontier, is a little Frenchman or a little Belgian is the knotty problem that is now puzzling National Registration authorities.

### Modest Incomes

No person in Canada has a taxable income of \$1,000,000 annually. Hon. W. R. Motherwell (Lib. Member) was informed in the House of Commons when Hon. E. B. Ryckman, Minister of National Revenue tabled an answer to a question that had been asked by the former minister of agriculture.

"As there is not and has not been for years in Canada an individual taxpayer with a taxable income of \$1,000,000 per annum," reads Mr. Ryckman's answer, "it is assumed that the questions refer to incomes of corporations."

### TRIO OF BIG LEAGUERS PLAYED FOR JOHNSTOWN

JOHNSTOWN, Pa., July 6.—(U. P.)—At least three major league ball players of teams high in the standings formerly played with Johnstown teams in the Middle Atlantic League.

### TRIO OF BIG LEAGUERS PLAYED FOR JOHNSTOWN

JOHNSTOWN, Pa., July 6.—(U. P.)—At least three major league ball players of teams high in the standings formerly played with Johnstown teams in the Middle Atlantic League.

Outstanding of the trio is Joe Cronin, shortstop of the Washington Americans, voted the most valuable player in the American League last season and continuing his fast pace this season.

A team mate of Cronin's on the Johnstown team five or six years ago was Jimmy Collins, now battling for the first base job with the St. Louis Cardinals.



## No substitute is good enough for baby

Baby's food must be pure and must be nourishing. Christie's Arrowroots are safe for even the youngest child because they are made from the choicest arrowroot, skillfully blended with other ingredients—wholesome, palatable and dietetically correct. Only Christie's can make Christie's Arrowroots—there is no substitute.



At six months give a Christie Arrowroot Biscuit with the noon-day feeding. At nine months pour half of the evening bottle on a crumbled Christie's Arrowroot Biscuit.

# Christie's Arrowroots

# BOVRIL

Concentrated Strength of Beef

Builds Fitness, without Fatness