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NEW AND RE-CONDITIONED BARGAINS \$44.50 5-Piece Bedroom Suite in two-tone walnut finish. Dresser, Chiffonier, full size panel bed, sagless spring and brand new all-felt mattress. Completely re-

\$23.50 8-Piece solid oak Dining Room Suite. Large buffet, extension table and 6 leather upholstered chairs; like

\$29.00 Beautiful 3-piece Chesterfield Suite.
Full size Chesterfield and 2 roomy
chairs to match, upholstered in a good quality
French Jacquard with reversible Marshall
spring cushions. Thoroughly cleaned and re-

\$23.00 Large 3-drawer dresser with mir-for, in walnut finish, steel bed in walnut finish, sagless spring and brand new roll edge felt mattress. Completely re-

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robe, 2 big chairs to match. Covered in hard wearing repp material (rust shade). A real bargain.

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\$6.50 up finishes.

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\$10.50 Drop-head Singer Sewing Machines.

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\$4.95 Shall reversible cushions.

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CLIP THIS — LEFTOVERS BROKEN TO-baccos, mixtures, sweet smoke, little need to cut; 20-lb. bag \$2.50, f.o.b. Rival Cigars Tobacco Co., Reg'd., St. Romuald, Quebec.

## Study Weather To Find When Flood Coming

Metereologists Believe They Can Make Long-Range Forecasts of **Deluges and Droughts** 

The possibility of long-range forecasting of deluges and droughts has come out of the work of two research assistants at Massachuetts Institute of Technology, who for five days and four sleepless nights charted characteristics of a high pressure area in the Atlantic.

Meteorologists said they believed disastrous floods east of the Mississippi two years ago were largely influenced by this zone, known as the Bermuda high.

To Chart Upper Air

Research on the area is based on the impression that this body of upper air, when fully charted, will disclose definite seasonal and monthly trends which can be predicted with certainty and used to indicate the type of weather ahead over a longer period than is now possible.

The interest of meteorologists in the high pressure zones is a comparatively recent development made possible only by the use of the radiometeorograph, a device which soars into the stratosphere attached to a balloon, broadcasting to listeners below the pressure, temperatures and humidity in the successive layers of air through which it rises.

With this instrument aboard a freighter, the meteorologists charted a 1,500-mile section from San Juan to New York through the Bermuda High, a semi-permanent high pressure area

centring off Bermuda. They made 25 readings from the freighter, at four to five-hour intervals. The average flight of each balloon was 30 minutes and those from

three to nine miles.



**Every Friday Night** on a national coast to coast network.

### Linked With Rainfalls

The value of successive chartings of this area, said Prof. Carl G. Rossby, head of the M. I. T. division of meteorology, lies in the belief movement of air in the upper atmosphere is linked closely with mean monthly rainfalls.

Through other readings the division hopes to learn the structure of the high pressure area. The meteorologists expect to find these zones are made up of several "cells" of air, each rotating on its own axis.

Already this cell structure has been observed in the upper air over the American continent and a distinct correlation between its "flow pattern" and rainfall appears to be indicated.

## Animal World's Greatest Wooer

The Black-Crowned Night Heron Proves a Dramatic Swain

The great lover of the animal world it turns out, is the black-crowned night heron.

The only bird that habitually has a "stooge," the heron employs in courtship an elaborate routine of deception. play-acting and psychological domination, says Dr. G. Kingsley Noble of the Museum of Natural History, New

A typical heron love affair, Dr. Noble disclosed last night in a lecture reporting his several years' study of animal courtship, goes like this:

Soon after hatching, herons join in pairs, without regard to sex; one member of each pair dominates the other, demonstrating his superiority by always holding his head higher than the

### "stooge." "Henpeck System"

In the mating season a male approaches a female, and, taking the subordinate role, tries to inveigle her into marriage by the "henpeck" system.

When the female indicates tentative approval, the male at the psychological moment reverses the roles and he starts dominating - if he doesn't, the female will leave.

## A Psycopathic Heron

Then, to demonstrate his prowess as a potential husband, the male heron for days goes through calisthenics, brandishing twigs with his beak-"He never does anything with them-they just symbolize all the houses he could build." Dr. Noble explains.

Finally, if he has carried the show off properly, the female consents to a Dr. Noble reported one case of a

psychopathic heron. He lost his feather head crest in transit to the museum, and the females shunned him. He brooded for a while, the doctor

related, and then resorted to exhibitionism, waving his legs and hissing, even before purely imaginary audiences. He finally got a wife.

## Costa Rica Called Most Flowery Land

Plants of the little country with more varied vegetation than any area of its size on this continent-a country with about 6,000 varieties of flowering shrubs and trees, including more than 1,000 different kinds of orchids-are described in "Flora of Costa Rica", published by Field Museum Press.

No other area of its size in North or Central America has a flora so rich and varied as Costa Rica. In area, the country is about the size of West Virginia, but its flowers and plants are about three times as numerous as those of that state. Few tropical countries anywhere in the world can rival Costa Rica in the variety of its orchids and ferns.

## Robots That Travel Fifteen Miles Up

Balloons containing mechanical weather prophets and floating 15 miles above the Arctic may be the means of warning of approaching cold weather. Each balloon will carry a cylinder-shaped mechanical weather prophet weighing two pounds. This cylinder consists of patent weather-recording devices attached to a wireless transmitter, which will wire reports automatically at half-minute intervals to observers far below.

Three bases are to be established, and the balloon tests will be helped by high-altitude flights by aeroplanes. The difficulty at the moment is that the balloons often burst at high altitudes, and so the apparatus has been fitted with small parachutes. A reward of \$1.25 is offered for each



The King's Daughters Go Swimming



Princes Elizabeth (left) and Princess Margaret Rose, leaving the Bath Club, London, after enjoying a swim. The King's daughters belong to a swimming class at the Bath Club. They wear the regulation navy-blue suits, and wait their turn just like the others. Princess Elizabeth brings great concentration to bear on her efforts, but Princess Margaret Rose never ceases chattering, so she often gets an unexpected mouthful of water. In spite of this she seems to enjoy her lessons tremendously.

will receive not only the desired

school books but toys and other gifts

Approval of the Boy Scout Move-

ment in Greece, and assurance that

he will do all in his power to further

its success, was expressed by Prime

Alfred C. Bossom, a British M.P.,

has presented a handsome silver

of Scouts at Patras.



The Boy Scout Santa Claus of the Toy Repair Shop at Calgary, had a real surprise when he received a letter from a group of children at Airways, a rural district 175 miles northeast of Calgary. The request was, not for toys, dolls or story books, but for school books. Ran the letter:

"We have had poor crops for six years around Airways and Hughenden. There are children here who want to study, but they have no school books and no money to get

# Warfare Modishness



Women of Japan have been urged to adapt the above style of dress, in the interests of efficiency and

Issue No. 52-'37

Bathurst, Gambia, in recognition of the habitual good turns performed by these coloured Scouts for tourists calling at that West African port, The shield was accepted on behalf of the Gambian Scouts by Mr. Ormsby Gore, Secretary of State for the Colonies. From time to time letters from tourists, especially women trave elers, have told of the services rendered by the African Scouts at Bat hurst and Freetown, and the fac Mention of the appeal in the Calthat like Scouts elsewhere the boys gary Herald brought prompt rerefused to accept any reward. sponse, and it is certain that these stout-hearted children of the prairies

A first aid station for motoring casualties has been established by British Rover Scouts at Bignell' Corner on the Barnet By-pass road near Barnet. The station, which cost \$300 to equip, is manned every Saturday afternoon and evening and Minister Metaxas, following a parade | all day Sunday. Over 30 Barnet Box Scouts qualified to wear the St. John Ambulance Association badge take turns on duty. The roads in the vicinity have been the scene of nu challenge shield to the Boy Scouts of | merous accidents.

## Leading Bankers Review Canada's Economic Outlook

BANK OF MONTREAL ANNUAL MEETING

Confidence Expressed in Country's Capacity for Recovery An impressive record of strength | in Canada's "remarkable capacity and of expanding business in keep-

ing with the marked improvement of trade and commerce throughout the Dominion during the past year was presented at the 120th annual meeting of the Bank of Montreal recently held in Montreal. In viewing business conditions over the wide territory in which tures of the financial statement the bank operates, Sir Charles

these had much improved and were tions of but two years ago. The one really serious handicap was in those portions of the Prairie Provor partial loss of the crop. Canada, he said, had been de

monstrating in the past year a reenterprise. As instances of this, he referred to the immense growth of gold

production and of the output of industrial metals remarking that with the exception of iron, Canada was now the world's largest exporter of base metals.

Canada's Manufactures Worth

Three Billions He further pointed out that whereas Canada was until quite recently regarded as a country devoted almost entirely to agriculture, today agriculture provides 35% of the exports and other forms of industry the balance. Canada now employs 600,000 people in 30,-000 workshops, mills and factories, and the annual value of its manu-

In concluding his remarks, Sir Charles, while not attempting a forecast on the Canadian business outlook, expressed his confidence or her deposit came into being."

than \$3,000,000,000

for recovery," which, if not unduly affected by international disturbances, would, he felt, mean a continuance of the better times which Canadians had experienced during the past year.

Commercial Loans Show Increase One of the most important feapresented by Jackson Dodds, on be-Gordon, the president, said that half of himself and his fellow general manager, G. W. Spinney, was a happy contrast with the condi- the increase shown in current loans in Canada of more than \$23,000,-000 to \$182,500,000. For the year ended September 30th, the current inces where drought caused total loan of all the banks had increased by \$75,500,000. While the increase was welcome, he said it was not commensurate with the growth in markable resiliency in productive the volume of business and the improvement in commodity prices.

Bank's Assets 79.58% Liquid The assets of the bank, standing at \$829,600,000 were the highest since 1929. Of this amount \$599,-000,000 represented quickly available resources, equal to 79.58% of liabilities, to the public, amounting to \$752,736,000.

Among other highlights, the statement presented by the general managers showed that deposits by the public had increased by \$28,000,000 to \$681,000,000. Commenting on this item, Mr. Dodds said: "Despite all that is written and said nowadays on the subject of 'loans creating deposits,' 'fountain pen money' and 'monetizing' assets, including what is described factured products amounts to more as 'our cultural heritage,' it is safe to say that not one of our customers, whose balances make up our total of deposits by the public, has any doubt whatsoever as to how his