

## This Continent Inhabited Over 150 Centuries

### Man Was Here That Long Ago Archaeological Discoveries Show—Stone Implements Found

Recent excavations and geological studies in Clear Lake Park, California, have "fully justified" expectations of important evidence regarding early human occupancy of the New World. Curator M. R. Harrington of the Southwest Museum reports.

It was determined, Dr. Harrington said, that a pre-historic camping ground excavated was an alluvial deposit from a nearby canyon. This deposit apparently was laid down before the end of the Ice Age and the subsequent flooding rains, or some 15,000 years ago, various geologic evidence indicated.

### Before End of Ice Age

Archaeologic evidence pointed also to the same conclusion. This disclosed a succession of stone implements ranging from the characteristic spear heads of Folsom Man, near the surface, down through a broad layer of implement forms much like those found on what was the Pleistocene or Glacial Age shore line of Lake McJannet in the Mojave Desert, near Baker, California, by a Southwest Museum expedition in 1935.

The Clear Lake camping ground, however, has not told its full story, Dr. Harrington said. Thousands of implements, whole and broken recovered by the expedition, must be carefully studied and compared at the museum.

## "Mounties" To Use Dogs As Sleuths

Police dogs will be placed in Royal Canadian Mounted Police service at strategic points throughout Canada in the near future, Commissioner S. T. Wood of Ottawa, head of the R.C.M.P., said in an interview at Saskatoon this week.

Commissioner Wood, in Saskatoon in the course of his annual inspection of Western Canada detachments, said dogs are being trained at experimental schools in Ottawa and Calgary. They will be used to track suspects where conditions are favorable.

## Estimate Grain At \$312,945,000

### Winnipeg Free Press Sets Value Of Western Crops

Western Canada's grain crop for 1939 has a total value of \$312,945,000, nearly \$70,000,000 higher than last year, and \$20,000,000 higher than 1935, says the Winnipeg Free Press.

Appraisal of the cash value of the principal grain crops, wheat, oats, barley, rye and flax, is based on the recent Free Press report which estimates wheat production for the three Prairie Provinces at 224,744,000 bushels, oats 247,183,000 bushels, barley 87,617,000 bushels, rye 10,908,000 bushels and flax 1,259,000 bushels. Value of Manitoba's crop is given as \$56,495,000 as compared with the Dominion Bureau of Statistics valuation figures of \$2,970,000 last year and \$44,910,000 in 1935.

### Increase Over Previous Years

Saskatchewan's crop value figure is \$116,255,000, more than double the 1937 Dominion Bureau of Statistics' valuation for that year of \$49,590,000. In 1936 Saskatchewan's crop was worth \$136,967,000.

Alberta's crop this year is worth over \$212,945,000, a substantial increase over 1937 and 1935 when Dominion Bureau of Statistics valuations were \$243,149,000 and \$272,651,000 respectively.

## You Mustn't Feed The King's Deer

Deer in the British Royal Parks have been put on diet—Nature's food and no nonsense.

The First Commissioner of Works has made a regulation forbidding visitors to give them chocolates, sandwiches, and their picnic leftovers.

They must not feed, pet, or touch the deer in Richmond, Bushy, Hampton Court, and Greenwich Parks.

According to the superintendent of Richmond Park, who has 400 deer in his care, people give them unnatural foods, and every year several deer die as a result.

"When the stags are growing their antlers in early summer," he added, "they are docile and let themselves be fed and petted."

The Office of Works points out that there are abundant supplies of their natural foods in the parks.

## Classified Advertising

**AGENTS WANTED**  
ATTENTION! AGENTS ALL OVER Canada are making spare time money showing Yuletide Christmas Cards. A dignified and profitable occupation which means dollars for you. Without obligation we send FREE Portfolio of samples with pamphlet on selling. Priced from \$1 to \$1.50 dozen—everybody buys them. Highest commission and bonus. Tule Tide Studios, Toronto.

**LADY IN EVERY LOCALITY**  
To represent complete line of ladies' lingerie, men's shirts, socks, ties. Popular prices, highest commissions. Reliable firm, 15 years in business, will stand any investigation. 1444 Lingerie, 1449 Avenue, Montreal.

**AUTOMOBILE REPAIRS**  
Shock Absorbers

**SALES AND SERVICE. ALL MAKES.**  
We specialize. Fred Stratford, Limited, 35 Gerrard West, Toronto.

**BIG SQUARE TIME MONEY**  
ANYONE—ANYWHERE—CAN SELL Canada's best value Personal Christmas Cards. Experience unnecessary. Samples Free. Extensive selection of forty pre-ordered cards priced one dollar per dozen, none higher. Free cards with early orders. 40 cents highest cash commission paid on every single order. Also 50% commission possible on complete boxed assortments, seals, calendars, etc. Economy Printers, 332 Kingston Road, Toronto.

**FARM MACHINERY**  
GENUINE PATTS AND SUPPLIES  
M. Magnet Cream Separator, immediate delivery. Two rubber rings and complete set of brushes. Postpaid. Send \$1.75. T. S. Petrie, 13 Rambert Ave., Swansea, Toronto.

**FURNITURE**  
**LYONS' TRADE-IN BARGAINS**  
478 Yonge St., Toronto  
SEPTEMBER SPECIALS

Our Trade-In Department is overstocked with kinds of high class used furniture, all thoroughly cleaned and reconditioned and sold for a fraction of its real value. All goods sold with a definite money back guarantee of satisfaction of your purchase. Special attention given mail orders. All goods carefully packed for safe shipment on receipt of money order.

\$14.95 3 piece tapestry ches- terfield suite, Marshall spring cushions.

\$4.95 Odd ches-terfield chairs, Marshall spring cushions.

\$5.50 Odd ches-terfield chairs, mohair and velour covers, spring filled cushions.

\$19.50 Beautiful 3 p- ce ches-terfield suite, upholstered in hard wearing ray (not shade) Marshall spring cushions.

\$24.50 Large 3 piece Chesterfield suite, upholstered in hard wearing ray (not shade) Marshall spring cushions.

\$27.50 Smart 3 piece Chesterfield suite, upholstered in figured velour, taupe shade, Perfect condition.

\$29.00 Large 3 piece suite, repp suite, Marshall reversible cushions. Perfect.

\$37.50 Beautiful large mohair suite (cost new \$200) Marshall spring cushions, walnut chrome wood facings. Like new.

\$24.00 3 piece bed room suite, ivory enamel, dresser, vanity and full size bed.

\$35.00 Large bed room suite in walnut finish. Dresser, vanity, full size bed and sagless spring. Completely refinished.

\$42.50 Smart bed room suite, 5 pieces, dresser, chiffonier, vanity, full size bed and sagless spring. Like new.

\$49 Venetian mirrors, large dresser, vanity, chiffonier, full size bed and sagless spring. Like new.

\$55 4 piece bed room suite in rich chiffrone, full size bed and sagless spring. Completely refinished.

\$69 Beautiful walnut suite, large dresser, chiffrone, triple mirror, vanity and full size bed with sagless spring. Completely refinished.

\$79 Solid walnut suite, dresser, vanity, chiffrone, full size bed and sagless spring. Like new.

\$11.95 Dining room suite, buffet, square extension table, 6 chairs.

\$21.95 Solid oak suite, buffet, extension table and 6 leather upholstered chairs.

\$29 Beautiful solid oak suite, large buffet, extension table and 6 solid leather spring seat chairs. Completely refinished.

\$39 Nine piece suite, buffet, square extension table, 6 leather seat chairs, 6 chairs.

\$45 Beautiful suite in rich walnut finish, buffet, square extension table and 6 leather upholstered chairs. Perfect condition.

\$69 English oak suite, buffet, table and 6 leather upholstered chairs. Perfect condition.

\$79 Solid walnut suite, large buffet, extension table, china cabinet and 6 real leather seat chairs, completely refinished.

Large assortment of gas stoves, kitchen cabinets, sewing machines, odd tables, chairs, rugs, wardrobes, china cabinets (all thoroughly cleaned and reconditioned) at rock bottom prices.

Buy with confidence.  
Money back guarantee of satisfaction.

**LYONS' TRADE-IN DEPARTMENT**  
478 Yonge St., Toronto

**INSTRUCTIONS**  
IF YOU LIKE TO DRAW, SKETCH or paint—Write for Talent Test (No Fee). Give age and occupation. Box 14, Room 421, 75 Adelaide St. W., Toronto.

**DESIGNING SCHOOL FOR CLOTHING**  
GALASSO'S PRACTICAL SCHOOL of Designing and Patternmaking for ladies' and gentlemen's garments, dressmaking, and fur designing. Correspondence courses if necessary. Day and evening classes. Individual instruction. Write for information. 65 Avenue Road, Toronto.

**DEVELOPING AND PRINTING**  
BEAUTIFUL ENLARGEMENTS FREE  
—Ross developed and eight prints 25c. Satisfaction guaranteed. Mail Order Photo Service, Box 869, Peterborough, Ont.

**MEDICAL**  
NO MORE SORE FEET IF YOU will use BUNSON'S Fix-Foot Soft-ens callouses. Relieves all cases of Trench Feet, Athlete's Foot. Send 40c. 477 Lumbermans Bldg., Vancouver, B.C.

**MUSICAL INSTRUMENTS**  
WE TEACH MUSIC BY MAIL—Piano, Violin, Guitar, Voice culture. Simple as abc. Particulars free. Paramount Conservatory of Music, 246 E. 15th, Vancouver.

**TRACTOR MAGNETO AND GENERATOR REPAIRS**  
SEND US YOUR TRACTOR MAGNETO and Generator Repairs. We save you money. Allanson Armature Manfr., 855 Bay St., Toronto.

**NEWSPAPER PROPERTY WANTED**  
ADVERTISER IS INTERESTED IN purchasing Ontario Weekly Newspapers. Can make reasonable down payment in cash and monthly payments for balance. Must include good job business and well established newspaper in growing district. Q. Emerson, 9 Delaware Ave., Toronto.

**ODORLESS TOILETS**  
YOU CAN HAVE CITY CONVENIENCES without water supply or sewerage. Write for free information on our modern, self-emptying, odorless Toilets from \$15.00 up and leave behind for ever the dread outdoor house with its flies, cold and unhealthy discomforts. Kanatic Engineering Company, 164 Portland Street, Toronto, Ont. WAverley 895.

**PHOTOGRAPHY**  
ROLL FILM DEVELOPED—Eight prints 25c; reprints 5 for 25c. Free enlargement with 24c order. Established over 25 years. Brightening Studio, 29 Richmond St. East, Toronto.

**QUILTING PATCHES FOR SALE**  
QUILTING PATCHES, LARGE BUNDLE, enough for five quilts, \$1. postage prepaid. Riegler's, 282 Armada, Toronto.

**SCRAP IS GOLD**  
BRING YOUR SCRAP IRON, RAGS, paper, mattresses and all old metals to us and get higher prices. No amount too small. Consolidated Iron and Metal Co., 58 Niagara St., Toronto.

**STAMMERING**  
STAMMERING CORRECTED. HELPFUL booklet giving full information. Write today. W. Dennison, 156 Carlton Street, Toronto.

## 'Blue Coal' Sales Up Million Tons

### Convention of Dealers in Toronto is Largely Attended—Presentation "Here's How."

Between four and five hundred fuel dealers, from Toronto and many outside points, gathered in the Crystal Ball Room of the King Edward Hotel on Monday, Sept. 19, for the 'blue coal' sales convention. Entitled "Here's How," the presentation used stage playlets, talking pictures, lantern slides and a reproduction of a radio broadcast to drive home the message, not only of how 'blue coal' advertising helps the dealers, but also many ways by which the dealers can improve the type of service they offer the public. Included in the casts which appeared in the different playlets were Mildred Harris Chaplin, ex-wife of the famous comedian Eugenia Rawls, Alexander Cross, Mary Perry, Joseph Eggerton, Frank Roberts, and several more prominent stage and screen figures.

Speaking on behalf of Harry A. Smith, president of the company, Mr. Scott of the 'blue coal' New York office pointed out that, largely due to aggressive and constructive advertising, sales of 'blue coal' had increased from a total of 4,745,000 tons in 1933 to 5,570,000 tons last year.

A big feature of the program was a reproduction of one of "The Shadow" radio programs, which are enjoyed by millions of listeners each week, and which will soon be back on the Canadian air-waves again.

The presentation, which travels like a theatrical company, and carries its own stage settings and properties, is being shown in fourteen United States and Canadian cities, and was given on Sept. 20, in London, Ontario.

London's Central Library now has 21,000,000 books.

## What Science Is Doing

### WORLD'S GREATEST WIND-MILL

The waters of the ocean are the world's greatest windmill, the fifth International Congress for Applied Mechanics was informed last week at Cambridge, Mass.

The windmill study was reported by Dr. H. U. Sverdrup, of the University of Bergen, Norway, and University of California. It is probably, he said, that the energy transmitted to the ocean by the wind is much greater than that from heat.

"If this is true," he added, "the ocean represents a machine which is principally kept running at an average constant speed by the frictional drag exerted on the surface of the sea by the fast-running atmosphere."

### NEW LIGHT ON NATURE

A new method of working backwards in an effort to discover how sunlight is captured and converted into food and fuel for man has been found, an Ohio chemist said last week.

Speaking before the closing session of the American Chemical Society meeting at Milwaukee, Wis., Dr. Paul Rothemann, of Antioch College, described the process of photosynthesis, in which chlorophyll, the green coloring matter in plants, absorbs sunlight, as one of the principal mysteries of the universe.

A new approach to unlocking its secrets has been found, however, in the discovery that the process will work in reverse and that chlorophyll will give off light as well as absorb it.

### BODY RENEWAL TESTED

The rapid changes and extensive rebuilding operations that are carried on in living organisms are in-



## HAVE YOU HEARD

A local official says the most embarrassing moment of his life was not when he touched a strange woman on the shoulder, in the semi-darkness of the theatre the other night and said, "Slide over, honey, and I'll sit with you," but it was when he discovered that his wife sat only two seats back and had witnessed his mistake.

First Clerk—"I'd like to sell you a set of Encyclopedia that I got as a gift."

Second Clerk—"No sale. I know more than any encyclopedia."

First Clerk—"I admit that. But I thought you'd get a thrill going through it and picking out all the errors."

Every town has a man who won't contribute a nickel to a civic enterprise, but rushes forward to give a dollar to a street fair selling a preparation guaranteed to take grease spots out of a vest.

Toni—"I never loved anyone but you."

Jane—"Nonsense!"

Toni—"You are the light of my life."

Jane—"Foolish talk."

Toni—"If I could only tell you how much I love you!"

Jane—"Think of something new."

Toni—"Will you marry me?"

Jane—"Now, you're talking!"

Guest—"Well, good night I hope I haven't kept you up too late."

Host (yawning)—"Not at all, we should have been getting up soon in any case."

Speaking about races, there's a good one told of an argument three men had on the subject of close races. One told of a race where the first horse won, through putting its tongue out of its mouth; the second man affirmed that a certain boat race was won through a new coat of paint. Oh! (said the third man) I've been in Aberdeen and saw a closer race than that!

A man can forgive a hurt to his person or bank roll, but woe to the friend who hurts his vanity.

A man who gives in when he is wrong is wise and a man who gives in when he is right is married.

Although we have no access to statistics, our general observation is that insanity is increasing.

### Completion of New Highway Expected by 1941 or 1942

The possibility of the trans-Canada highway being completed by 1941 was foreseen by W. G. Robertson, Toronto, general manager of the Ontario Motor League, in an address before the Essex County Club at Amherstburg last week. Robertson recently returned from a Northern Ontario tour with Hon. T. B. McQueen, Provincial Minister of Highways.

Mr. Robertson said he was greatly impressed by road work being pushed toward completion in Northern Ontario. The roads being built are not leading into "a wilderness," he said.

Special Road Surface Used  
He noted that the Government had found practical a new low-cost hard surface road, which was being installed in certain parts of the north at a cost of \$2,000 and \$3,000 a mile. One of the great difficulties in the past, muskeg and bog land, was now being crossed by highway after swampy quick-sand had been blasted, he added.

### "Funny Bone"

When we strike the "funny bone" of our elbow against something and get a distinct shock, it is not the bone that gives it but the large nerve which comes down the arm past the elbow. As there is little flesh around the elbow, this nerve is more often struck than others—and it is anything but "funny."

### IN UP-TO-DATE STABLES

—Old Reliable Minard's  
When horses come in to stable with wire cuts or saddle boils, or even have scald sores, the thing to do is get the Minard's bottle at once, as Mr. David of Glenboro, Manitoba, knows. He writes: "I like your Minard's Lintment. Like to have it in the house. I have found your Minard's Lintment especially good for barbed wire cuts on horses." A family doctor prepared Minard's Lintment over 50 years ago. Still available in every stable and every house.

## Wild Carrot Seen As Real Menace

### Department of Agriculture Issues Warning That It Is Spreading in Ontario—How To Eradicate the Weed

Wild carrot is spreading at an alarming rate in Ontario and is considered one of the most objectionable weeds in the Province, says J. D. McLeod of the Crops, Seeds and Weeds Branch, Ont. Dept. of Agriculture, Toronto. It is a biennial and requires two years to produce seed. Flowers may be seen from July to September in white clusters which are flat topped when open. When nearing maturity these flower clusters curl up and if plants are not destroyed they will break off during fall and winter scattering millions of seeds over frozen ground and snow. This, it will be seen that clean areas miles distant may be infested if plants are permitted to mature and seed. The importance of destroying all plants immediately after they come in flower cannot be emphasized too strongly, Mr. McLeod states.

### Crop Rotation Helps

This weed does not give any difficulty in fields where thorough cultivation and a short rotation of crops is practised. However, in meadows, which are down two years or more, in clover and timothy fields which are being kept for seed and in pasture fields, fence lines, waste places and roadsides it is rapidly becoming one of our worst weeds in that it smotheres out pasture and hay crops, robs the soil of plant food and moisture and lowers the market value of seed crops.

A short rotation—clovers, buck-wheat, hard crops and early summer cultivation, followed by fall wheat or rye are excellent methods of controlling this pest. Pulling, spudding or cutting for two years in succession will not give new plants an opportunity to mature seed and will lessen the amount of Wild Carrot considerably.

Chemical weed killers are the only practical solution for the control of this weed on roadsides, fence lines and all areas where it is impossible to cultivate.

### U. S. Drivers Rank Behind Canadians

QUEBEC.—United States motorists are quicker on the brakes, but Canadian motorists are better drivers, judging from the result of an international safe-driving contest staged here this month during an insurance company's convention.

Three convention delegates from the United States, chosen at random for a braking test, showed half second reactions in applying the brakes and 58.6 per cent. average in steering. The Canadian team averaged 68 per cent. in steering and five-eighths second in braking.

## Powder Keg In Europe's Gravest Crisis Since 1914



Here you see Czechoslovakia islanded in Central Europe. Regions inhabited by the Sudetens are shown by the shaded areas on the map. The part of Czechoslovakia which Germany most coveted is the district around Eger in the northwest corner of the country.

## Farm Forum

(Conducted by Professor Henry G. Bell with the co-operation of the various departments of the Ontario Agricultural College, Guelph.)

Q.—"I have about 5 acres of very light, sandy land on which it is hard to grow anything. It is badly in need of manure, but there is no available supply. There used to be a lumber mill on the property, and there is a pile of sawdust which has been accumulating for about fifty years, but there has not been any added for about fifteen years, and it is pretty well rotted more or less. Could this be used as a source of humus, and would it be helped by the addition of agricultural lime to the sawdust? The land is also in need of lime." — W. G., Bracebridge.

A.—Under the circumstances, I think it would be well for your land to be plowed and top dressed with a moderate application of the rotted sawdust that you describe. After this is done, I would suggest that you apply at least one-half ton of ground limestone to the acre, and work both into the soil by discing or harrowing. Let the land stand for about a week, and then sow it to oats or barley, seeded to a good mixture of clover and grass, or alfalfa. At the time you are sowing the grain and the grass seed, apply about 200 lbs. per acre of 2-12-10 fertilizer, if you can get same. This should give the crop a good start and make reasonable yield. It will also insure a catch of grass or legumes. After one cutting of grass next

## Canadian National Railways Revenues

The gross revenues of the all-inclusive Canadian National Railways System for the week ending Sept. 14, 1938, were \$4,193,777 as compared with \$4,149,716

for the corresponding period of 1937, an increase of \$44,061

## Speed Psychology

Iowa motorists are teaching the state Motor Department some lessons in practical psychology. When the speed limit at Akeny, Ia., was 26 miles an hour, Acting Commissioner Horace Tate said, many motorists drove through without slowing down. Some went as fast as 50 miles an hour. But when the Akeny City Council raised the speed limit to 45 miles an hour, most motorists didn't go more than 40 miles an hour.

## Afghan Aged 120 Cuts New Teeth

Surpul, an Afghanistan village, has either the national record for longevity or else for exaggeration.

It claims Afghanistan's oldest inhabitant, aged 120, and further that he has just cut new teeth.

The name of the alleged village Methuelah is Abdul Karim. He is also said to have perfect eyesight, to walk six miles daily and to be in full possession of all his faculties, according to reports reaching Pashawar.