How Can I?

BY ANNE ASHLEY

Q. How can I clean a discolored or soiled glass bottle?

A. Mix soapy water and coffee grounds and pour into the bottle. Let stand for an hour, shaking the mixture occasionally. Finish by washing and rinsing with clean hot water.

Q. How can I soften and clean the leather on furniture?

A. Use a mixture of one part hot vinegar and two parts linseed oil. Apply this solution with a cloth and rub the leather dry. Then polish with another, clean, soft cloth.

Q. How can I prevent soap from entering the eyes when shampooing the hair?

A. Grease the area around the eyes with vaseline or cold cream before beginning the shampoo, and soap will not enter the eyes.

Q. How can I test a gas pipe for a suspected leak?

A. Apply soapsuds to the places where the leak is suspected. Never, under any circumstances, use a match, candle, or other flame.

Q. How can I renovate a one color rug?

A. A one-color rug that is worn in some places more than in others can be renovated by mixing a little water with a package of dye, the same color as the rug and apply to the faded spots with a stiff brush. If carefully done, the rug will look like new.

Helen Keller Likes Theatre

Blind and Deaf, She Follows Dialogue as Companion "Spells" It

Helen Keller and her companion, Polly Thompson, were guests recently of Katharine Cornell at Martha's Vineyard, Mass. Miss Keller seldom misses one of the actress-manager's plays, and the two women have become fast friends. Frequently, when Miss Cornell is not acting in New York, they attend other productions together.

At the theatre Miss Keller will sit between the actress and Miss Thompson while the latter "spells" out the dialogue in her sensitive hand.

GETS ALL THE LAUGHS

"It is amazing to watch Helen Keller at a play," Miss Cornell says of her friend. "If it is a comedy, she never misses a laugh—and she gets it with the audience. Sometimes she seems to pick up the laugh before the audience does, almost as if she anticipated the action, although she can see nothing of what takes place on the stage before her."

More Boys Born To "Long-Livers"

Parents Who Live the Longest Have More and Sounder Male Children, Research Shows

More and sounder male children—an extra margin of potential soldiers—are born to parents who live the longest, an age sex ratio study shows.

"Long-lived" parents produce more male than female children, Dr. Philip S. Lawrence reported in "human biology." These parents are constitutionally sounder and apparently more fertile.

BUT BOYS DIE OFF

Dr. Lawrence, biologist of the school of hygiene and public health, JJohn Hopkins University, studied family history records of 2,225 grandparents who had 11,269 children and 31,535 grandchildren.

Relatively short-lived parents—those dying under 70—produced 48.5 per cent male children. Those living past 70 had about 52 per cent boys.

Normally, Dr. Lawrence said, about 51 to 52 per cent of all births are males. Due to higher mortality among boys, however, the number of boys and girls soon becomes about equal.

Some Definitions, Wise, Otherwise

Pessimist: One who always sees microbes in the milk of human kindness.

Hard-boiled: One who thinks he is hard-boiled when he is only half-baked.

Temperamental Person: One who is ninety-five per cent temper, five per cent mental.

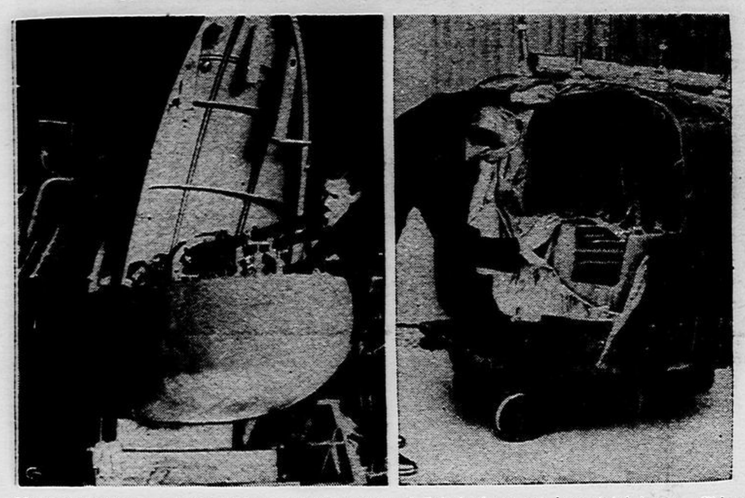
Anarchy: Where everyone is so free, that no one can do as he would like to do.

Diplomacy: The art of letting some one else have your way.

Peace: A blessing that can be made perpetual if nations will agree not to make new wars until they have paid for old ones.

Wit: A man who says what you would have said if you'd thought of it.

R.A.F. EXPERTS LEARN GERMAN AIR SECRETS



Many of the German planes shot down in the Battle of Britain have not been total losses. This one, LEFT, was repaired by Royal Air Force experts and flown by R.A.F. test pilots to get valuable data on these planes. This one is a Messerschmitt 110, Germany's best fighting plane. It mounts four machine-guns in the nose and a cannon under the cockpit. The British Spitfire mounting eight machine-guns in the wings which deliver deadly cross-fire, are said to be more than a match for the Messerschmitt in sky fighting. A Royal Air Force expert is shown, RIGHT, examining the gas tank from a German JU-88 bombing plane brought down in a raid on England. The tank is of the self-sealing kind that may be shot through with bullets and still retain the fuel. Various layers of vulcanized rubber, self-sealing rubber, chrome leather and fibre make up the tank. R.A.F. experts declared this one is a complicated affair and less efficient than the self-sealers used by the R.A.F.

Chief Manganese Sources Here?

Nova Scotia Field May Have To Supply Empire's Need of This War Material Now That Dakar is Gone

Possibility Nova Scotia may replace Dakar as the Empire's source of maganese essential war metal, was seen last week as the Nova Scotia Mines Minister, Hon. L. D. Currie, announced a Toronto company (Springer Exploration) was surveying manganese deposits in the province. Manganese was mined in Nova Scotia during the first Great War.

NOW CARRY OUT RESEARCH

A month's survey of the field will be made by a geologist who will report the extent of the manganese deposits to the provincial government.

Exploratory work on manganese deposits at Bourlardarie, Loch Lomond, Tennycape and East Mountain has been carried out for more than a year by the provincial government.

Lieut.-Gov. of Manitoba

R. F. McWilliams, of Winnipeg, has been named lieutenant-governor of Manitoba to succeed Hon. W. J. Tupper. Mr. McWilliams will take office on Nov. 1.

World's Best Soil

On some of the Black Earth region of Southern Russia wheat has been grown for seventy years on end without fertilizer. This is the richest soil in the world, and it covers an area of nearly 150,000,000 acres. It stretches from the Carpathians to the Ural Mountains, and is bounded on the north by the Pinsk Marshes.

Towards the Black Sea its thickness diminishes, but in the centre of this great tract the top three feet of the soil contain as much as 40,000 lb. of nitrogen to the acre. The best soil in England has little more than a quarter of this nitrogen content.

There are patches of prairie land in Manitoba which are almost equally fertile; while the depth of rich soil in the valley of the lower Mississippi makes this one of the most fertile regions on earth.

STOP BABY'S SNIFFLES

Mentholatum will quickly relieve—or money back. Helps clear head and nose...relieves nasal irritation. Jars and tubes, 30c.

MENTHOLATUM

Modern Etiquette

BY ROBERTA LEE

1. Should the host and hostess always supply new decks of cards for a bridge party?

2. When a player makes a mistake in a bridge game, is it permissable for another player to call his attention to it?

3. Please name six or seven things that a person may eat with the fingers?

4. On what social occasions is a man privileged to wear a business suit?

5. Is it all right for a hostsess to serve her guests with the same dish she has served them on a former occasion?

6. Is a man permitted to "cut in" at a dance when he has never been introduced to the girl?

Answers

1. Yes, always, and for a poker party too. To throw out a soiled dilapidated deck of cards would be about the same as if the host were unshaven and wearing a soiled, wrinkled shirt. 2. No. Criticism by one player of another, in any game, is not good sportsmanship. 3. Bread, crackers, cookies, candy, salted nuts, olives, celery. 4. He may wear a business suit to any informal occasion before 6 p.m., an informal luncheon breakfast, etc. 5. Yes, and particularly if she knows they enjoyed it. 6. No.

What Science Is Doing

X-RAY COST REDUCED

A new "candid" X-ray camera which can photograph the chest and other parts of the body on a small film will be used in U. S. army physical examinations during the coming draft. The machine reduces the picture through a special fast lens from the usual 14 inch by 17 inch full size negative to one only four inches long.

With it ten times the number of men can be examined at the same cost now required with the larger film.

LIQUEFIED NATURAL GAS

A method to liquefy natural gas and store it as a water-colored fluid at 250 below zero was reported last week to the American Gas Association.

The liquid gas means doing away with the hugo gas tanks that dot the horizon of great cities. A tank 13 feet square holds as much liquified gas as a big dome of 15,000,000 cubic feet.

The liquid gas serves the same heating and cooking purposes as ordinary natural gas, merely being warmed up to flow into the mains in its natural state.

CAN DETECT RICKETS

A new test to detect rickets even in newborn babies was described before the annual meeting of the American Public Health Association.

The disease, due to too little vitamin D, the sunshine vitamin, causes malformation of all the bones of the body and results in retardation of growth.

Chantecler Slow Burning CIGARETTE PAPERS ONE FINER MADE

DOUBLE AUTOMATIC BOOKLET

FEMALE PAIN

Women who suffer painful, irregular periods with nervous, moody spells due to functional cause should find Lydia E. Pinkham's Vegetable Compound *simply marvelous* to relieve such distress. Pinkham's Compound is made *especially* to help weak, tired women to go smiling thru difficult days. Over 1,000,000 women have reported amazing benefits. WELL WORTH TRYING!

This Is Season Of Barn Fires

Their Prevention Is Essential—Here's How To Go About Avoiding Them

Advice on how to prevent barn fires during threshing time, was given last week by Prof. William C. Blackwood, head of the department of agriculture engineering at the O.A.C.

SPRAY THE STRAW

Electric sparks in a threshing machine can cause fire on striking the right proportion of dust and air, he said. This danger can be avoided by grounding the machine, said Prof. Blackwood, who also said blower fires can be avoided by spraying about five gallons of water to every ton of straw. This amount of water will not harm the straw, nor cause spontaneous combustion, he said.

He thought is a wise practice to insist that men who work in barns or on stacks do not carry matches in their pockets and no one should be allowed to smoke near the barn.

HEALTH TOPICS

Whole Wheat Bread Is More Nourishing

That most of the bread consumed in Canadian cities is capable of considerable improvement in the interests of war-time health and efficiency is indicated by an article appearing in the current issue of the Canadian Public Health Journal over the signature of E. W. McHenry, Ph. D., of the University of Toronto.

It is, of course, generally known that whole-wheat bread is of greater nutritional value than white bread, but the fact has not made the darker colored loaf popular. Dr. McHenry therefore proposes that the value of white flour be raised by adding wheat germ or yeast of high vitamin content. This can be done without affecting the color of the resultant loaf, he declares.

Special Nutritive Quality

The special nutritive quality of whole wheat bread lies in the fact that it retains vitamin and mineral contents which, to a very large extent, are removed by modern milling processes. Vitamin B complex, which is absolutely essential to health is reduced to about one third of its original quality in the course of milling, for instance.

A survey of 100 families of low incomes in Toronto, he says, reveals that even the best fed members fall far below the satisfactory margin in their daily intake of Vitamin B1, a condition which he finds reason to believe is general.

Dr. McHenry repeates that the intake of Vitamin B1 would be increased if people ate whole wheat bread, but since they decline to do so other methods must be found, and experiments have shown that bread containing five per-cent wheat germ has noticeable effect on growth and nutrition.

High Cost of Killing

It cost about 75 cents to kill a man in Caesar's time. The price rose to about $3000 per man during the Napoleonic wars; to $5000 in the American Civil War; and then to $21,000 per man in the World War. Estimates for the present war indicate that it may cost the warring countries not less than $50,000 for each man killed.

"It DOES taste good in a pipe!"

HANDY SEAL-TIGHT POUCH - 15¢

½-LB. "LOK-TOP" TIN - 65¢

also packed in Pocket Tins

Picobac

GROWN IN SUNNY SOUTHERN ONTARIO

- HAVE - YOU HEARD?

"What's your name?" the grocery store manager asked the young applicant for a job.

"Scott," replied the lad.

"And your first name?"

"Walter."

"That's a pretty well-known name," remarked the manager, with a smile.

The boy looked pleased.

"It ought to be," he replied. "I've been delivering groceries around here for two years."

—o—

An American's advice to after-dinner speakers: "If you don't strike oil in the first two minutes, you'd better stop boring."—Grit.

—o—

A coffee salesman was traveling through the South, and as he waited for a train in a little southern town he chatted with a lazy looking colored man idling on a bench at the station.

"Ever drink coffee?" he inquired with an eye to stirring up interest in his line.

The colored man allowed he drank a lot of coffee. Fifty cups a day he answered.

"Fifty cups a day! Doesn't it keep you awake?" inquired the astonished coffee salesman.

"Well, it helps," answered the colored man.

Young Man — I want to buy a diamond ring.

Salesman — Yes, sir. How about one of our combination sets? Three pieces: Engagement, wedding and teething.

—o—

Bill kept hens. One night he had two stolen. The next night he stayed up in the hen-shed with his friend Joe to wait for the thieves. After they had been waiting a short time a storm blew up and the shed started swaying in the breeze.

After an hour's waiting Joe, fed up, announced that he was going home, saying: "They'll not come to-night, Bill."

He stepped out of the shed and found himself on a truck moving slowly along a country road.

They were taking the shed, too.

—o—

Daughter (entertaining boy friend late): "Has father gone to bed?"

Mother: "No, he's in the cellar, reading."

Daughter: "What? Reading in the cellar?"

Mother: "Yes, the electric light meter."

There are several distinct things
girls dislike about men,
But most is their characteristic
tendency to remark, "I hope
I'll see you again"—
Without saying when.
—Saturday Evening Post.

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AGENTS SELL A PATENTED necktie, direct to the customers. Write Station K Box 23, Toronto.

AUCTION SALE

WEDNESDAY, OCTOBER 23 FULLY accredited registered Ayrshires, horses, implements and nearly new furniture, 3 miles west of Delaware on No. 2 Highway, W. McCaffrey, Mount Brydges, Ontario.

BABY CHICKS

BRAY NOVEMBER CHICKS — Order now. Some ready-to-lay pullets available. Valuable information in Bray Fall Service Bulletin. Bray Hatchery, 130 John North, Hamilton, Ont.

CARS NEW AND USED

MOUNT PLEASANT MOTORS LTD., Toronto's oldest Chrysler, Plymouth dealers; three locations, 632 Mt. Pleasant Road, 2040 Yonge St., 1650 Danforth Avenue. Our Used Cars make us many friends.

DETECTIVES

AMBITIOUS MEN SEVENTEEN and over wanted immediately for secret-service and detective work. Complete training course by correspondence. Free information, write to C. M. Jullen, Box 25, Station T, Montreal.

ENCYCLOPAEDIA FOR SALE

SPECIAL INTRODUCTORY OFFER —thirty dollars discount for this advertisement, on purchasing the new revised edition of the Encyclopaedia Britannica — balance payable monthly. Clip, and mail to 505 Federal Building, Toronto, for full details.

JOB OPPORTUNITY

PRINTING APPRENTICE WITH two or three years general experience in all lines of printing wanted for Toronto Job office. Good chance for advancement. Apply by letter only, giving full details of previous experience, wages expected, also give telephone number. Box 421, 73 Adelaide West, Toronto.

Barn Roofing—Granary Lining

SUPERTITE STEEL SHEETS COST less, cover more, last longer, lay faster, save sheathing. Buy now before war advances prices, direct from factory. Superior Products Limited, 15 Nelson Street, Sarnia, Ontario.

FARMS WANTED

BUYER IF OFFERED TEN THOUSand farms might choose yours first. No charge for listing. Describe fully, name price and lot number. Dominion Farm Agency, Toronto 3, Ontario.

FOOT REMEDY

SOLDIERS TRAINING FIND FOOT Bliss great comfort for tired, hot, swollen feet. Send 25c for full size package, prepaid. Dept. F, 155 George Street, Toronto.

FOR SALE

PERCHERON STALLION, RISING four, Belgian Stallion rising three. These horses must be sold at once. Reasonable terms. B. Aylward Queensville, Ont.

GUARANTEED ELECTRIC LIGHT BULBS

THE NEW JEWEL SELECT-A-LITE only 3-way light that operates in any regular socket. 20% more light — no glare — 40 - 60 or 100 Watt as desired by turning small ring. 5 for $3.00 Prepaid. Also regular inside frosted bulbs up to 100 Watts, 12 for $2.00 Prepaid. Write for special prices on larger quantities, and private system Light Bulbs.—General Trading Reg'd., Dept. A, 112 Gore Bldg., Hamilton, Ont.

USED TIRES FOR SALE

GOOD USED TIRES, ALL SIZES. Lowest prices. Inquiries invited. Brockton Tire, 1611 Dundas West, Toronto.

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MEDICAL

IT'S AMAZING THE WONDERFUL results after taking Dr. Dixon's Remedy for Rheumatism, Neuritis. Sold only at Munro's Drug Store, 335 Elgin, Ottawa. $1.00 postpaid.

PAYNESE TABLETS FOR RELIEF of Rheumatic Pains, Headaches, Toothache and Neuralgia, $1.00 per hundred. Postpaid. Satisfaction guaranteed. Domestic Drug Co., Box 343, Winnipeg.

REMARKABLE RESULTS—EVERY sufferer of Rheumatism or Neuritis should try Dr. Dixon's Remedy. Postpaid $1.00. Munro's Drug Store, 335 Elgin, Ottawa.

ISSUE 43—'40

HELP WANTED

GENERAL WANTED FOR MODERN farm house, other help kept. State experience and give reference to Bobmar Farms, R. R. 3, King, Ontario.

MACHINERY FOR SALE

WADE PORTABLE DRAG SAWS, easy to operate, a money-maker wherever there are logs to be cut. Write for free descriptive bulletin. The A. R. Williams Machinery Co. Ltd., 64 Front St., West Toronto.

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SUPERFLUOUS HAIR SAFELY, Privately removed. Face, Arms, Legs; Treatment $2.00 postpaid, plain wrapper. Guaranteed to KILL roots with one application. Canadian Chemistry Co., Wilkie, Sask.

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REGISTERED SUFFOLK YEARLing Rams and Ram Lambs. Also registered Ewes and Ewe Lambs. Exceptionally good stock and priced right. A. L. Hutchinson, Belwood, Route 5, Ontario.

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WANTED FOR CASH — SMOOTH Tires, must be sound, passenger or truck. Highest prices paid. We pay the freight. — Trutred (Canada) Limited 448½ Yonge St., Toronto.

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WANTED—EGGS AND POULTRY graded or ungraded. Write for information. Canadian Provision & Supply Co., Commission Dealers, 109 Front Street East, Toronto.

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FARMERS, DAIRYMEN, BAKERS, Merchants and Others are making extra money by shipping us all kinds of used empty bags. You can do the same. Write us now and we will send you full particulars and shipping tags. Ship freight collect. Highest prices paid.—Sendel & Sendel Ltd., 709-711 Common St., Montreal, Que.

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Earn from $10 to $15 weekly selling FAMILEX HIGH QUALITY GOOD GOODS to relatives and established clientele. Everyone spends money on household and toilet articles, etc. Every FAMILEX customer is a satisfied customer. Work 5 or 6 hours per day, profit by our experience, and you will succeed. NO RISK — good earnings assured to workers. Let us help you. Write at once to Miss St. George, 570 St. Clement Street, Montreal.

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