

Strange But True

By F. M. MacArthur

That marvelous instrument called the seismograph does not only tell when an earthquake has occurred, but records the tremors, different pendulums, etc. So that the center of the shock can generally be accurately determined.

these vibrations of the earth's crust. By means of the Seismograph, it has been proved that earth tremors go on all the time, that a large part of them are of subterranean origin, and that not less than 30,000 "minor" quakes occur every year. More quakes occur under the sea than on dry land, and the cable from Lipari Islands to Sicily has been broken at least five times from this cause.

Great quakes usually begin without warning or with a rumbling sound like thunder, until the sound ends in a mighty roar. Then the

ground begins to sway drunkenly making it next to impossible to keep one's feet.

A person who witnessed the destructive quake that hit San Francisco in 1906 tells us his story in the following graphic words: "A terrific" roar proceeded the movement of the ground, which soon began to sway and wiggle in the most horrible manner imaginable. The trees of the city swayed violently from side to side, like a field of ripe grain in the breeze. Two long lines of parallel faults formed,

with varying throw up to twenty feet."

The explanation usually accepted is that the earth is slowly contracting on account of the loss of heat, and that the crust, which must follow the shrinking interior, is being crowded into a small space with resultant ruptures and shocks.

The greatest volcanic eruption in the history of the world took place in the strait of Sunda in 1883. The force of the explosion produced waves in the atmosphere which were propagated around the whole earth, and the first one was recorded in Germany 10 hours after the explosion. The ejected materials were all fragmentary and of increased volume; ashes were showered over an area of 300,000 square miles, the greatest fall being around the island itself. Stretches of water of an average depth of 117 feet were reduced to shallows, and the flaming-red sunsets which characterized the winter of 1833-1884 have been ascribed to the reflective efforts of fine dust thrown off by the volcano.

Last June a 4-legged chicken was hatched on the farm of Nelson Williams, East Wiltshire. The freak chick had the extra pair of legs directly behind the first pair. Four-legged chickens are such a rarity that only one hatches in about every million incubated eggs!

One of the most amazing examples of river erosion is seen in the canyons of the Colorado River. The Grand Canyon is more than 200 miles long and from 4,000 to 6,000 feet deep. Just fancy a river cutting such a gash in solid rock! How was this achieved? By the gradual raising of the whole region, which is now a lofty plateau in some places more than 8,000 feet above sea level.

Every year the mighty Mississippi River carries into the Gulf of Mexico approximately 7,500,000,000 cubic feet of rock and clay. Enough silt sediment to cover one square mile to a depth of 268 feet. One would think that this amount of erosion would lower the drained area to an alarming extent yet strange but true, the surface is only lowered at the rate of one foot in 4,920 years. It must be remembered that north America's great river drains 1,325,000 square miles.

The difference between snow and ice is that snow is made up of tiny crystals of ice which are mixed with air as they fall and are separated from one another. To convert snow into ice it is only necessary to expel the air and bring the crystals into contact.

Man in his greed to subdue the earth and possess it, has stripped off most of the world's greatest timber belts, thus bringing down the vengeance of nature in the form of serious droughts and great floods. Every country has its areas of soil areas that were once rich in beauty and highly productive. Conservation methods are now being adapted everywhere to try and offset this evil. How well man can succeed along this path remains to be seen.

BROCKVILLE, Ont., Dec. 16.—(CP)—James Blyth, Brockville commercial artist and an employee of the Recorder Printing Company, has received a "thank-you" note from Prime Minister Winston Churchill. Mr. Blyth sent Mr. Churchill a hand-engraved birthday card commemorating Mr. Churchill's birthday and St. Andrew's Day. Both fall on Nov. 30.

W.C.T.U. NOTES

"SOCIAL DRINKING"

When December arrives, everyone is conscious of the nearness of Christmas. To most of us, Christmas is a time to be looked forward to, while to others it is a time to be dreaded with beverage alcohol entering the home and social functions, and changing the personalities of the imbibers. Last year we noted in the newspapers, the problem of the office Christmas parties in which alcohol was a factor and problem. So let us devote time at our meeting for a study of the problem of social drinking and its implications. At the same time, let each of us make a choice as to what we will do when confronted by it and stand firm. In this way we may help others to take their stand, too.

One so often hears, as an excuse, "Oh, everybody drinks!" That is untrue for you and I don't drink besides many, many of your friends. In connection with this thought, there is a splendid little leaflet entitled "Lots of People Don't Drink" by Henrietta Ripberger which deals with etiquette in connection with beverage alcohol. This is very important for we want to know what to do and how to do it, in connection with cocktails, etc.

We have to make our choices from day to day, but in some things as in the case of alcoholic cocktails, etc., we can have a settled conviction as to whether they are right or wrong. If we have made that choice beforehand in connection with beverage alcohol, we need not be caught unaware and get in a dither when offered a cocktail, and "No Thank You" will automatically come to our lips.

In our homes, when planning a party, with a little thought, lovely refreshments and beverages can be arranged. Show what an attractive beverage you can serve without the inclusion of beverage alcohol, ever keeping in mind that fruit juices are healthful and contain useful vitamins. In the booklet "Drinks For Social Occasions" you will find some interesting recipes for making delicious fruit drinks. The booklet "Drink Without Becoming Drunk" is most interesting in its discussion of the benefits of unfermented fruit juices and their vitamin content. After reading this booklet, one feels more enthusiastic than ever about serving the lovely unfermented fruit juices with dinners, luncheons or snacks. So let us pass on this counter-suggestion to be used instead of serving alcoholic cocktails. These "Amethyst" Drinks which are non-alcoholic, are a delightful addition to any meal. In older days the ancients believed that the Amethyst served as an antidote for drunkenness. Hence the name "Amethyst Drink" which we so often use for non-alcoholic beverages.

Let us therefore emphasize the importance of our Department of Non-Alcoholic Fruit Juices.

Governor of Don Jail Removed

TORONTO, Dec. 19.—(CP)—Removal of Thomas W. Brand from governorship of Toronto's Don Jail was announced Thursday.

Brand, blamed by a royal commission for the escape of the Boyd bank robbery gang from the jail's death row cellblock last Sept. 8, was suspended after the break.

He will become assistant superintendent at Burwash Prison Farm near Sudbury. The present Burwash superintendent, R. H. Paterson, will be the new governor of the jail.

Charles Sanderson moves up from assistant superintendent to superintendent at Burwash. The changes were announced today by Provincial Reforms Minister Foote.

Advertisement for 'Sensitheric perfumes' by Johnson & Johnson. Includes an illustration of a woman's face and a perfume bottle. Text: 'A timeless classic with its own coterie of matching bath and toilet accessories. Johnson & Johnson DRUGS We Deliver Cor Kent and Prince Streets Phone 33'

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SEE what 50c WEEKLY will buy:

- CEDAR CHESTS — By Red Seal, Heirloom and Victorville in Walnut, Mahogany, etc., from \$59.50, Space-Saver Davenport in Repp, Velour, Frieze, etc., from \$99.50, Cogswell Lounge Chairs \$49.95, British Inlaid Linoleum, per sq. yd. \$3.00, Westinghouse and Eskimo Food Mixers, from \$39.95, Electric Ranges and Rangettes, from \$59.50, Royal Vacuum Cleaners, from \$79.95, Single and 3-speed Portable Record Players, from \$34.95, Studio Couches, Colonial Velour Platform Rockers, Gate-legged and Duncan Phyle Tables, Matching Chairs, Book-Cases, China Cabinets, Corner Cabinets, Beds and Bedding, Bed Outfits, Roll-A-Way Cots, Bunk Beds, Inner Spring Mattresses by Simmons, Star, etc., Wardrobes, BICYCLES—Ladies' and Gents' Boys' and Girls', Fawcett Space Heaters, Royal Floor Polishers

SEE what 75c WEEKLY will buy:

- Bedroom Suites in Walnut, Mahogany and Blonde Veneer and finishes, from \$99.50, Chrome Kitchen Sets, Kitchen Cabinets, Wood Breakfast Sets (Natural or White), Fawcett Coal and Wood Stoves, Sea-Breeze Electric Ironers.

SEE what 1.00 WEEKLY will buy:

- 3-piece Chesterfield Suites in Repp, Velour, Frieze, etc., from \$159.50, 2-piece Davenport Suites, 2-piece Space Saver Suites, Dinette Suites, Carpets, WASHERS—from \$159.50, Simplicity, Bendix, Inglis, Domestic, Also Gas Models, Whites and Pride Sewing Machines, from \$118.50

GIFTS OVER 1.00 WEEKLY —

- (1) Fawcett Torrid Oil Ranges, from \$1.50 weekly, (2) 3-piece Velour Davenport Suites, from \$1.75 weekly, (4) Nationally known Refrigerators, 7 to 9.5 cu. ft., from \$2.25 weekly, (3) 9-piece Dining Room Suites, Modern and Period, Also open stock, from \$1.75 weekly, Electric Clothes Dryers—Simplicity and Bendix \$1.85 weekly

YOU Choose The Time To Pay

Take 6 Months — 12 Months — 18 Months — 2 Years — 3 Years

or 200 WEEKS to Pay

Here are YOUR Christmas Shopping Terms:

Table showing weekly buy amounts and total costs: 25c WEEKLY BUYS \$ 50., 50c WEEKLY BUYS \$ 100., \$1.00 WEEKLY BUYS \$ 200., \$2.00 WEEKLY BUYS \$ 400., \$3.00 WEEKLY BUYS \$ 600., \$4.00 WEEKLY BUYS \$ 800., \$5.00 WEEKLY BUYS \$1000.

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