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BURLINGTON MILTON, ONT Seesessessessessesses Lieut.-Gen. McNaughton Inspects C.P.R. Tanks



THE stepped-up tempo of tank the smallest parts to the finished Above scene shows a group of production at Angus Shops, product. He displayed keen in-Angus-built tanks awaiting ship-montreal, was evident everywhere terest in the construction of the ment for "active service". Inset: when Lieut.-Gen. A. G. L. Mc-speedy war machines, a type that Gen. McNaughton comments on Naughton made a detailed inspec- has been highly praised by the some detail of tank construction. tion of the big Canadian Pacific Russians on the field of battle. Others in the group include (left plant, whose machinery is turn- Highlight of General Mc- to right) H. B. Bowen, chief of khaki-painted "Valentine" tanks, ficer Commanding, M.D. 4; J. H. Accompanied by ranking offi- fresh from the Angus shops as- Berry, director general of autocials of the Canadian Army and sembly line, raced out on the mobile and tank production; Lt.-senior officers of the Canadian shops Midway, where they wheel- Gen. Kenneth Stuart, chief of the Pacific Railway, Canada's No. 1 ed, plunged, and went through Canadian General Staff; D. C. soldier received a first hand pic- various other tactics to show their Coleman, vice-president, Canadian

IT PAYS TO ADVERTISE.

ture of tank construction from manoeuverability.

To Form Into Clusters new determination of the age of the lived in many parts of the world. cleaned depends on the type of suit, tory in Sweden, who is a guest re- found a better place to live. The to the Cleaners and Dyers Assotion in space of the outside galaxies, penalty for taking the unique times remains in a suit after its rethe individual universes like the worms or their eggs out of the countrum from a shop does not indi-Milky Way. They are not uniform- try was death.

Dr. Holmberg undertook to learn by a Chinese princess who acci- does not leave an odor. It happens how long it would take for the dentally dropped a cocoon in her only when the cleaner allows his galaxies to get into these configura- cup of hot tea. When she lifted it solvent to become dirty that the tions, starting from a random dis- out, the gummy substance which odor persists. tribution through space. Galaxies binds the fibers had been softened. appear to have a tendency to form and the cocoon unraveled readily, ferred from the fabric to the solvent. into clusters, just as individual yielding its lustrous thread. Whethstars seem to gather in one area to er that is the true story or not, stantly, clothes which are cleaned form a galaxy or cluster.

the larger streaming of universes was guarded is indicated by on the outer bounds of space in- fact that it was about 300 A. calculations were based on this. the magnitude of the forces that worms to Italy. were operating between galaxies, and this required a determination ed as priceless treasures in was 100,000,000,000.

Smoking Cause of Heart

Disease? Answer, Yes, No Is smoking a cause of heart disease? This perennial question exercised a group of eminent doctors at the American Medical association meeting. The Journal of the A.M.A. printed their arguments. The doctors puffed clouds of argumentative smoke.

Dr. Frederick Arthur Willius of the Mayo Clinic presented a statistical study comparing the health of several thousand smokers and nonsmokers who had visited the clinic. Conclusions: (1) in 569 smokers between the ages of 40 and 59, there was three times as much heart disease as in a similar number of non-smokers; (2) "beyond 60 years of age, no noteworthy differences were observed." Other doctors promptly pitched

into these statements. Dr. Francis Daniel Murphy of Milwaukee: "White and Sharber in 1934 stated that the incidence of coronary heart disease is even high-

Dr. George Rudolph Herrmann of Galveston, Texas: "We see only the few sick smokers and lose sight of the great number of smokers who have no symptoms to cause them to consult us . . . We are likely to be obsessed . . . by our meager clinical experiences."

Derivation of Bible

Bible is the English form of the Greek biblia and means literally "little books."

Now biblia itself derives from biblos, the word the Greeks had for the plant out of whose inner bark London. the Egyptians made what we call their writing paper-papyrus.

It was on the papyrus that ancient books were first written and so it was that biblos came to mean not only papyrus but book-any book-as well.

to be esteemed as the book or Bib- Of the three-score passengers, none lia, the Greek word which the Latins but the senior Hugh Williams surtook over bodily and used as a sin- vived. gular colective noun, and from which directly we have the English word Bible.

He Knows Road Anyway William C. Foster of Findlay, Ohic, rescued. traveled more than the distance

around the globe to obtain his degree of bachelor of law. The son of Attorney Marion G. examination recently.

commuted between Findlay and Ada you classify any cut as TOUGH!). where Ohio Northern university is The tender cuts of meat are cooked located. He estimated he covered by dry heat, which means by roastsome 27,000 miles through all kinds ing, broiling or pan-broiling, and of weather without being late for never think that a less tender cut reported. class at any time.

how many houses are located along and usually long, slow cooking, such the Dixie highway and route 69 be- as braising, stewing or simmering. marrow enter the blood stream aptween the Findlay corporation limits | Perhaps some of you are wonder- parently unchanged and almost as and the Ada border, so familiar he ing how to tell whether a cut is ten- rapidly as when injected into the was with the route he traveled.

Consume Billion Pounds Onions gratitude of an Englishweman today by giving her-of all things-a club, porterhouse or T-bone, and sir- and poorly developed or obliterated box of onions. She will appreciate loin steaks are the ones best cooked our most humble vegetable more by dry heat. than candy. The onion shortage in England has been acute for months, and at a recent charity party in London, a basket containing a dozen large onions, tied with a bright rib-

bon, was auctioned off for \$20. Europeans are not the first to bewail their onion-less plight. The Israelites, wandering in the wilderness, complained bitterly to Moses because they had none.

Americans consume well over a pounds a year, worth \$17,000,000 to growers, not counting the onion's first cousins-garlic, leeks, shallots and chives.

Galaxies Have Tendency Silk-Worm Cultivation

An Old Chinese Secret An investigation which led to a The silkworm can live, and has How often a man's suit should be cosmos was made recently by Dr. Its first home was China, and there the sort of wear it gets and the Eric Holmberg of the Lund observa- it toiled for centuries before it occupation of the wearer, according search fellow at Mt. Wilson, Los Chinese, knowing they had a good ciation of California. Angeles. He studied the distribu- thing, intended to keep it. The

Chinese legend has it that sericul-As far as the small assemblages ture, the cultivation of silkworms. of clusters were concerned, their was undertaken on a large scale distribution was consistent with a for the first time by a Chinese printheory that an assemblage was be- cess at the suggestion of her husing formed or that previous as- band, something like 2,000 years semblages were breaking up, but before Christ. How well the secret dicated that the formation process when the industry spread to Japan was the more likely one, and the and India, and 300 years later before two monks, filling their hollow It was necessary to know that canes with eggs, smuggled silk-

The silks of the Orient were tradof the average number of suns- ancient world of the Mediterranean. that is, stars-in each galaxy. The In Rome, silk was sold for exactly figure arrived at by Dr. Holmberg its weight in gold. And silk culture spread.

But China remained, until modern times, the land of silk. In 1900 China still was the world's leading producer of silk, with an output Five-Year-Old Mother twice that of Japan.

Shortage of Silk Spurs

Making of Substitutes Americans, having failed in co nial times to master the care and feeding of silkworms, have devel- her arrival in New York recently. oped in recent years new processes

of imitating the feel and look of silk

in fabrics made out of wood, cotton

and coal: The freezing of raw silk stocks, appears, will give further stimulus to the fast-expanding industries, which make silky dresses, upholstery, neckties and shirts from such products as rayon, nylon and other synthetics still in process of development. Washington observers are agreed that the emergency created by the stoppage of American imports of Japanese raw silk will spur textile engineers to redoubled efforts in their drive to produce the qualities of silk without the aid of the little

er in non-smokers than in smok-More than 90 per cent of the silk America uses now goes into kind of stockings women were fighting for in the stores after the government's freezing order. 2,986,146 dozen pairs of nylon fullfashioned hosiery sold in 1940, their first year of production, were 7 per cent of the total full-fashioned sales.

Hugh Williams Lucky Name Perhaps the most remarkable of all coincidences concerns a whole series of shipwrecked men named

Hugh Williams, whose miraculous escapes are on record at Lloyd's in On December 5, 1664, the sailing ship Menia, crossing the Straits of Dover, capsized in a gale. Of the

81 passengers on board, one only was saved-Hugh Williams. On the very same day of the same month, in 1785, a pleasure craft Not quite two centuries after called the Sea Sprite waas wrecked Christ, Christianity had made such near the Isle of Man. There were headway that the compliation of the | 60 persons aboard, among them Old and New Testaments had come one Hugh Williams and his family.

> Now comes the most amazing part of this remarkable story: On July 10, 1940, an English trawler struck a German mine. Two of the crew, an uncle and a nephew, each named their women carry the burdens. Hugh Williams, were the only ones!

Dry, Moist Cooking There are two distinct methods Foster, he passed the Ohio state bar used in meat cookery, known as the ways of best cooking the tender and For three years, young Foster less tender cuts (no butcher will let may be tenderized by such proc-In fact, Foster said he knew just esses. Tough cuts need moisture

der and can be cooked by dry heat, "There are 40 on the right side or whether it is less tender and and 25 cn the left side," he recalled, should be cooked by moist heat. Those muscles used most by the animal are less tender. As a general rule, those cuts that lie along ever, it is difficult or impossible to Anyone could earn the lasting the backbone are the very tender inject into the veins: Widespread ones. In beef, the rib roasts, the mutilations, burns, dropsy, shock,

> Locating Gold With Horsetail Goldbugs have a new prospecting tool: the horsetail weed (Equisetum arvense), which grows abundantly across the U.S. and Canada. When it grows in soil with a gold content. it hungrily absorbs the metal. Hans Torkel Frederik Lundberg of Toronto told the American Institute of Mining and Metallurgical Engineers that for some time Canadian prospectors had been locating gold by sapphire; October, opal or tourmaburning a clump of horsetail, analyzing the ashes.

Dry Cleaning More Than

Dumping Suit Into Vat

The solvent odor which somecate a sign of cleanness, the assoly distributed but seem to form One story is that the value of ciation declares. On the contrary, the silk cocoon was discovered the association claims, pure solvent

In dry cleaning, the soil is trans-If the solvent is not purified connear the end of the run may emerge from the cleaning tumblers dirtier than when they entered.

There is more to dry cleaning than just dumping a suit into the cleaning vat. Removing the persthe piration, especially from around the collars, shoulders and knees, is very important. Then the pressing requires particular attention. The lapel should never be pressed flat or left unpressed. It should be rolled on a special machine.

> Good cleaners vary their pressing procedure for different fabrics. Soft sport materials are finished with dry steam and without pressure which flattens the nap. Hard worsteds and gabardines, on the other hand, should be placed on a machine designed to avoid shininess.

Normal in All Respects

The seven-year-old mother of a two-year-old boy in South America thinks of her child as a baby brother, Mrs. Paul Kosak, specialist in child education at Teachers college, Columbia university, said on

Mrs. Kosak is the only child psychologist who has been permitted to make studies of Lina Medina the Peruvian child who astounded scientists and medical men two years ago by giving birth to a perfectly normal baby. At the time it was considered so unbelievable that a five-year-old girl could give birth that it was hinted that she must be older than supposed.

After giving a series of intelligence tests to Lina, however, Mrs. Kosak said she has no doubt the voung mother's age was correctly

"Lina," she said, "is above normal intelligence. The baby, a boy, s perfectly normal and is physicaly better developed than the averige mestiza-Spanish Indian-child. Lina thinks of the child as a baby prother and so does the rest of the family. To them the child is just another baby."

Mrs. Kosak passed a year in Peru studying native children. She said that she found them to be quick and intelligent. South America needs more schools with modern methods,

These Chinese Are Queer? For 40 centuries the Chinese have

earned the reputation of being the most conservative people in the world. They still do everything backward-so it seems to the occidental point of view. Most people end their dinner with

dessert, but the Chinese begin theirs with dessert. In China, the women wear the pants and the men wear the skirts. Women coil their hair in knots and the men wear their hair long. We pay a doctor when we are sick; they pay the doctor when they are well and stop paying them when they are sick. Their spoken language is not written and their written language is not spoken. Their books are read backward: their dressmakers are men and

While black is the customary mourning garb, in China it is white and bridesmaids wear black instead of white. When two Chinese gentlemen meet, they salute and each of them shakes his own hand in stead of the friend's.

Transfusions Through Bones Blood transfusions can be given through the bones as well as through the veins, it was recently

In 17 trials of this method on 14 patients there was only one failure. Substances injected into the bone veins, they report.

Bones will not supplant veins as a route for introducing blood or other substances into the bodies of patients. In some conditions, howveins are conditions in which the bone transfusion route might prove vitally useful. In little babies the veins are usually so poorly developed that injection into them are difficult or impossible.

Birthstones The birthstones of each month are January, garnet; February, amethyst; March, aquamarine or bloodstone; April, diamond; May, emerald; June, moonstone or pearl; July, ruby; August, sardonyx; September. line; November, topaz; December,

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