



REAL, LIVE CAMELLIAS graced the Easter bonnet of opera soprano Frances Yeend, who is best known for her portrayal of the "Lady of the Camellias," heroine of Verdi's "La Traviata." The glamorous chapeau was especially designed for her by New York milliner Jack McConnell.

Effect of Atomic Radiation On Unborn Babies Reported

CHICAGO — The awesome effects of atomic radiation on unborn babies were detailed today by three physicians. The doctors made a study of women who were pregnant when the atomic bomb exploded over Nagasaki, Japan, in 1945, and the case histories of their children. Thirty of the women showed major signs of radiation injury. This is what happened to their infants: There were three miscarriages and four still-births. Three babies died within the first month of life. There was only one case of mental retardation. Four of the 16 surviving children are retarded mentally. The doctors also found that the babies borne by these mothers were retarded in growth and development. They reported the children significantly smaller in height and head circumference than children born to mothers who were outside of the bomb's radiation area. Another group of 68 mothers-to-be were inside the radiation area, but showed no signs of major radiation injury. Their offspring fared much better. Among them there was only one miscarriage and two still-births. Three babies died within their first month of life. There was only one case of mental retardation.

STUDY PUBLISHED

The study was made by Drs. James N. Yamazaki, Stanley W. Wright and Phyllis M. Wright of Los Angeles. Their report is in the American Journal of Diseases of Children, published by the American Medical Association. "It is difficult to evaluate the effect of radiation on this mortality and morbidity," they wrote. "since other factors, such as trauma, burns, infection, etc., may have a deleterious effect. The evidence strongly suggests, however, that radiation, either directly or indirectly to the fetus or indirectly as a result of its effect on the maternal tissues, was of considerable importance in determining the outcome of these pregnancies."

Canada's Defence Planners Seek New Weapons, Methods

By DAVE McINTOSH
REGINA — New approaches to strategy and weapons are receiving the increasing attention of Canada's defence planners. One of the chief reasons for Defence Minister Claxton's western tour this week is to talk over these approaches with senior commanders. According to present defence thinking in Canada, the age of push-button warfare is closer than most people believe. To Canada's defence chiefs, the age of conventional weapons is almost at an end. The next conventional weapons will probably be the best of their type. For instance, the RCAF plans successors to the F86E Sabre jets and the long-range CF-100 all-weather jet interceptors. They both probably will be supersonic aircraft and the last in which air crews will play an important part. The successor to the CF-100 already equipped with guided missiles will be the CF-105, now on the drawing board. The successor to the Sabre probably will be a development of some other country within the North Atlantic Treaty Organization.

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FASHION FOOTWEAR

Uganda Plans Big Game Tour For Elizabeth

ENTEBBE, Uganda — Queen Elizabeth and the Duke of Edinburgh hoped to see some big game today, last day of their three-day visit to Uganda. They flew to the new 600-square-mile Queen Elizabeth National Park in the southwest part of the protectorate. It is one of East Africa's best big-game reserves, and contains elephants, hippopotami, water buffalo, waterduck and wild pig. Lions have been seen recently around Safari lodge, where the Queen and the duke were to have lunch.

AFRICAN ESCORT

There were plans for Africans, shouting greetings and beating drums, to escort the Queen in canoes as she journeyed by launch along the Kazinga channel, linking Lake Edward and Lake George.

Herd of elephants are usually seen along the shores of the channel. Tonight the Queen and the duke leave by air on the 10-hour journey to Tobruk, where they will join Prince Charles and Princess Anne aboard the royal yacht Britannia for the last stage of the world tour.

Witnesses Arriving Here For Assembly

The assembly of Jehovah's witnesses getting under way here tonight at the Kingdom Hall, brought many delegates to this city last night, by train and car. Ten cars left Perow yesterday, most of them arriving last night, and others are arriving from Burns Lake, Forestdale, Smithers, Hazelton and Terrace. In all six cars are due from Terrace.

A surprise feature of the assembly was the arrival of Mr. and Mrs. C. H. Saltmarsh of London, England. Mr. Saltmarsh will be the featured speaker replacing Mr. Nathan who was unable to come due to illness. Mr. Saltmarsh, who has been actively associated with Jehovah's witnesses in London for the past thirty years, has also visited numerous parts of the continent. Mr. and Mrs. Saltmarsh who arrived in Canada last year, taking in the New World Assembly in New York en route, plan to make their home in Canada. In a pre-assembly address to the local delegates, Mr. Saltmarsh expressed himself as especially pleased at seeing how well the many nationalities are getting along together in Canada.

"It goes to show," he said, "that mankind is in fact just one people." Mr. and Mrs. Saltmarsh will be leaving for Vancouver and southern points by plane after the assembly. He is scheduled as the featured speaker for similar assemblies there before returning to Toronto.

EX-PREMIER HART AGAIN HOSPITALIZED

VICTORIA — Former premier John Hart has been in hospital here since April 22 receiving further treatment for a heart condition. He had an extended hospital stay earlier this year. Hospital authorities today reported his condition as "good."

B.C. Floods Threatened As Spring Run-Off Slow

VANCOUVER — The slumbering Fraser river, which has twice risen to tear the economic heart from the farmers lining its banks, again looms as a threat this year.

And 250 miles east, the Columbia, also rolling south, lies as a silent menace as flood season approaches. The key lies in the snow covering the mountains of central British Columbia—snow heavy with an unusually high water content.

One of the coldest west-coast Aprils in years has hindered the run-off which must come gradually to allow for normal drainage of the snow fields.

John Nelson, who has lived 47 years near a lake at Arrowhead, B.C., looked at a field flooded by the Columbia during "the big one" of 1948. "It was flooded in '48," he said, "and it's going to be flooded again this year."

MAY BE TROUBLE
Mayor E. G. Fletcher of the city of Trail, B.C., said "If it rains during the run-off period or temperatures climb exceptionally high, there's going to be trouble. If it's dry during the run-off period, with temperatures moderate to cool, then outside of shivers of excitement from watching the water rise, everything should be okay."

Village commissioners at Mission city have urged B.C. dike commissioner Jock MacDonald to take all possible precautionary measures. Ballasting of 4,000 feet of river bank on Nicomen Island at Dewdney, B.C., will be completed within a week with up to 1,500 cubic yards of rock being dumped daily by 21 trucks rolling on 12-hour shifts.

Under normal conditions, the Fraser would be rising and muddying with grey silt—but it isn't. It's rolling low and green and the snow still sits white upon the mountains. Lands Minister Robert Sommers, visiting Trail, said the provincial government is aware of the threat and all assistance would be at the city's command should the flooding occur—even to calling out the army.

On the other side of the ledger is an \$8,000,000 item, the amount poured into the Fraser diking system by the federal government to stave off any repetition of 1948. This year may answer the question: Was it enough?

Magazine Sees Kitimat As Ideal Town

Kitimat, the mushrooming aluminum town in British Columbia will be the model city that idealistic aldermen elsewhere see only in their dreams, according to Fred Bodsworth, assistant editor of Maclean's Magazine. In the current issue of Maclean's Bodsworth describes the fabulous development of the "perfect city," whose population is expected to reach 50,000 within a decade. "No Canadian town has ever got off to a more promising start," Bodsworth says. "The Aluminum Company of Canada called in a score of the continent's top community planners and spent close to a quarter of a million dollars designing the city on paper before the first nail was driven."

Kitimat's ambitious plans are solidly grounded in a tremendous economic program. "Kitimat will be the world's major producer of aluminum in a few years," the Maclean's article points out. "Alcan's Kemano powerhouse will eventually have the greatest output of any hydro-electric plant in the world, producing more power than is used by Montreal, Toronto, Winnipeg and Vancouver combined."

Although Kitimat's future is bound up with the Aluminum Company, Alcan intends to withdraw as rapidly as possible from Kitimat's civic affairs, Bodsworth says. He quotes F. T. Mattioli, assistant manager of Alcan's B.C. project, as saying: "We want citizens, not company wards. Life in a company town has an insidious psychological effect on people. Alcan is still playing Santa Claus to Kitimat, but it doesn't intend to continue. We have provided a costly plan, and started the development rolling, but Kitimat will have to carry the ball itself from here on."

Canada Needs More Interest In Mining

By JOE MacSWEEN
Canadian Press Staff Writer

MONTREAL (CP)—The need for education of young engineers and the public generally in the potentialities of Canada's mining industry was stressed here at the annual meeting of the Canadian Institute of Mining and Metallurgy.

Mines Minister George Prudham and Dean John J. O'Neill, vice-principal and retired dean of engineering at McGill University, led the call for renewed interest in basic resources. Other speakers, in committee and open forum, echoed their ideas.

Mr. Prudham said that out of 1,245 graduating engineers this year, only 34 intend to enter the mining industry. Dean O'Neill, stressing the need for more mining engineers, also emphasized there is a need for general education of the public in the meaning of mining industries.

Regarding students, he said that many know little of mining, believing it to be a highly dangerous and unattractive job. Other industries had been cleverer in presenting their attractive features to youth.

R. E. Stavert, president of the Consolidated Mining and Smelting Company of Canada, spoke on the "stature, scope, and importance of Canada's mineral industries," listing in order crude petroleum, nickel, copper, gold, coal, zinc and others, with a value nearing \$2,000,000,000 annually.

More than 1,000 engineers attended the three-day convention, which ended formal sessions yesterday. A major topic of discussion is the coal industry, hit by falling markets in the east and competition from oil and natural gas in the west.

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