

MARCH OF SCIENCE

Getting Into Moscow U. Is Far From Being Cinch

BY JOHN BARBOUR NEW YORK (AP)—To get into Russia's Moscow State University, you first have to get by problems like this: "Let X sub one and X sub two be the roots of the equation X squared minus A times X plus 1 equals zero, where A is real. "Find the value of A such that the corresponding value of the expression X sub one squared plus 1 times X sub two squared is A minimum."

course of 10 years schooling: Russian language and literature (2,788 hours); mathematics (1,980 hours); physics (544 hours); astronomy (33 hours); chemistry (346 hours); language—English, French or German (660 hours); psychology (33 hours); U.S.S.R. constitution and history (225 hours); drawing and art (198 hours); technical drawing (132 hours); singing (198 hours) handicraft (about 500 hours); sports (660 hours).

This is offered as an indication of where Soviet high school mathematics leave off and Soviet college mathematics take up. It is cited in the March issue of "science perspectives" by Rita Liepina of the National Science Foundation. Her report summarizes in brief the fierce intensity of Russian education. Latvian-born Dr. Liepina is chief monitor of Soviet scientific literature for the National Science Foundation and was the leading U.S. translator at the Geneva conference on atomic energy.

The Russian student ingests this diet between ages 7 to 17. He studies 7 1/2 months a year, six days a week, six hours a day. His courses are compulsory. Dr. Liepina cites reports fixing a high output of high school graduates—too many for Soviet universities. But at the same time, the universities are never filled. Why? Perhaps, she suggests, students are denied entrance because of unfavorable political backgrounds or lack of funds. More important, she adds, may be the Soviet intention to keep extremely high university standards, thereby limiting the number of students.

Prayer Service Held At Souris

The Annual World Day of Prayer Service of Souris-Bay Fortune Pastoral Charge was held in St. James United Church, Souris on Friday afternoon at 2.30 p.m. Mrs. D.A. Sharpe presided at the organ and led the Souris Church Choir in the singing of the hymns suggested in the program prepared by the "Women of Australia" basing their thought on the theme "The Bread of Life". Mrs. Reid Underhay led in the Worship Service assisted by Mrs. W.C. Wright Mrs. Jocelyn Coffin and Mrs. Arthur Wood.

Plays Readied At Montague

The Executive of the Little Theatre Guild met at the home of Miss Barbara Rogers, Thursday evening, Feb. 13th. Final arrangements to present Montague Dramatic Workshop's version of "See How They Run" a farce by Philip King were attended to. This play is being presented in place of "The Middle Watch", which could not be put on at pre-

cover all Christian Countries of the World when even those who can neither read nor write gather for this service. The offering was received by Mrs. Harvey Aitken and Mrs. J. B. Matthew and dedicated by Mrs. Arthur Wood who also pronounced the Benediction. Following the service a Social hour was held in the Manse when Bay Fortune Ladies were guests of the Souris Societies. Mrs. J. R. MacLean presided over the tea cups and members of the Ladies Guild and W.M.S. served.

vious. Mrs. F. Peacock addressed the gathering telling how the idea of a day of prayer and thanksgiving had grown from the first small group thirty-nine years ago to

be held on every fourth week of the month, the first one being "resolved that a clean cranky wife is better than a dirty, good-natured wife". to be held at Kilmuir School on February 28th. The next meeting is to be held at the home of Mr. and Mrs. Arthur MacKinnon. The meeting was adjourned and was followed by an enjoyable sing song led by Johnny Bears and Mrs. Matheson. A tasty lunch was served.

The director, Marion MacDonald, has as her cast, Vivian Fraser, George Hume, John Hughes, Beth McGowan, Norman Harris, George Boudreault, Edwin MacDonald, Archie Hildey and John White. The casting committee reported that "The Bishop Misbehaves" is well into rehearsals also the children's play "The Princess and the Swineherd" is on the way.

Legion Ladies Sponsor Red Cross Campaign

The annual Red Cross campaign in Montague will again be conducted by the members of the Ladies Auxiliary of the Canadian Legion, Montague, and arrangements were discussed at the regular meeting held at the home of Mrs. Jessie Shaw Wednesday evening. Following the reading of the minutes and correspondence by Mrs. Shaw, the business of the meeting was conducted by the president, Mrs. Leonard Gillis. The financial report was read by Mrs. Nell Hooley and on motion, all accounts were ordered paid. Plans were finalized for holding a sale of food at a local store in March and a committee comprising Mrs. Hooley, Mrs. Shaw and Mrs. Jennie MacKenzie was appointed to take charge of the sale.

Prayer Service At Murray R.

The women's world day of prayer service was held on Friday evening, February 21st in Murray River United Church, with Mrs. E. MacDonald presiding. The service was conducted from a paper prepared by the women of Australia. The Rev. L. S. Woolfrey gave a brief address on prayer. The responsive reading was led by Mrs. E. MacDonald and prayers were offered by Mrs. Margaret Trenholm, Mrs. Agnes Bell, Mrs. Nadina MacLean, Mrs. Wilson Moore, Mrs. Brehaut and Mrs. Hazel Graham. The offering was received by Mrs. Doris Ferguson and Mrs. Mary White. The choir sang very lovely, the hymn "Close To Thee". The meeting closed with the benediction.

Protest Moving Pilot Station

MONTREAL (CP)—A group of 26 river pilots in the Quebec-to-Father Point district have protested to Transport Minister Hees against moving the pilot station at Father Point to a northshore point, it was learned Monday. Father Point is on the south shore of the St. Lawrence, three miles from Rimouski and about 200 east of Quebec. Officers of the pilots' association have recommended to the transport department that the station be relocated at Cap Bon Desir, on the north shore closer to Quebec. But the group of 26 stated in their petition they were not consulted about the proposed move. The group agrees the station should be moved closer to Quebec but maintains it should remain on the south shore, preferably at Trois - Pistoles. They claim Cap Bon Desir lacks accessibility and facilities for a pilot station.

Moose Seems To Thrive Best When He's Hard Hunted

By THE CANADIAN PRESS He's a big, ungainly hunk of animal with a face not even a mother could love. His disposition is less than charming, especially when his intentions are amorous. If that seems like a contradiction, it is generally in character with the status of the moose as a game animal. The harder he's hunted, the more he thrives. Small wonder Canadian hunters excuse his social deficiencies. Unlike other kings of the north-land such as the caribou and brown and grizzly bears, old Alces Americana is fighting the battle of survival and winning. Almost without exception, the seven provinces where moose are plentiful enough to permit an open season report a steady upward trend in the numbers of hunts, kills, and animals still on the hoof.

The estimate of Dr. W. J. K. Harkness, Ontario chief of fish and wildlife, is typical. He reports the current kill "far below any danger point—in a good deal of the province we could shoot a lot more." In British Columbia, where the estimated 1957 bag of 7,000 moose would make it the hunter's paradise of the Dominion, biologist Jim Hatter of the provincial game commission says more liberal gunning regulations have helped as much as lucky breaks over the last few winters to send the moose population soaring. "It's just as wrong to under-harvest as it is to overharvest," Dr. Hatter says. "If moose are too plentiful for their range, there won't be enough food to go around and they'll die from a combination of starvation, parasites and disease. This happened in the late 1940s when we had a string of tough winters."

For an animal as big as a horse—some weigh up to 1,200 pounds—and an appetite to match, proper and sufficient feed is a perpetual problem. Newfoundland is among the provinces where wildlife experts wonder whether they may have too much of a good thing. The estimated 1957 kill of 4,000 could easily be stretched to 6,000, they say. There is a particular need for thinning of the herd in remote interior sections, a complaint echoed by Ontario and Saskatchewan. The moose's aversion to human society is his greatest protection, because although he may sport an antler big enough to hang the family washing on and carry the bulk and power of a locomotive at full steam, he is not considered unduly hard to kill. The difficulty is getting into his stamping grounds. Saskatchewan, for instance, cut its non-resident licence fee for \$100 by half to encourage hunters into out-of-the-way spots. Newfoundland also has special interior seasons designed to lure trophy hunters. Quebec is the only province to report a lower kill this year, largely because its season was put back a couple of weeks to avoid rutting (mating) time when bulls are easier to call and kill—and meaner. Newfoundland, Saskatchewan and Alberta estimate an average season's bag. In the three other provinces, more moose fell to hunter's guns than in previous years.

The cross-country picture: Newfoundland Estimated kill 4,000 in season ranging up to 3 1/2 months. Harvest about equal to annual growth in accessible regions, well behind in remote areas. Quebec 1,113 killed in 10-day season down from 1,756 in 1956 when season coincided with the rut. Ontario Estimated 1957 kill about 5,000 up slightly from the previous year which showed a sharp increase over 1954 and 1955. There has been a general increase in the length of the season and areas open to hunters. Manitoba Just emerging from a rigid program over a 10-year period before 1955. In 1956, 707 animals were taken, almost one per licence. Figures for 1957 not yet available. Saskatchewan 1957 bag not expected to be greater than 4,000 killed in 1956. Sharp increases in kill recorded in 1955 and more so in 1956 when hunting periods included the rut for the first time. Alberta Expects about the same kill as 1956 when 4,500 were taken. The season is designed for an unmolsted rut. British Columbia Marked increase in harvest during last five years with extended seasons. Both cows and bulls may be shot. Estimated 1957 kill between 500 and 800 more than the previous year's 6,500.



SOURIS BROWNIE PACK AND LEADERS

Souris Guides And Brownies Celebrate "Thinking Day"

The 1st Souris Girl Guide Council and 1st Souris Brownie Pack celebrated "Thinking Day" with a special program presented at Mary's Parish Hall, Souris, Saturday, February 21st. The program opened with the welcome given by Guide Mrs. Fraser. The Brownies led Tawny Owl, Mrs. Claude Richards, Mrs. W. A. Stewart and Pack Leader, Miss Stewart formed their "Fairy" and delighted the audience

with a welcome song and a special "Grand Howl" for their honored guest, Provincial Commissioner of Girl Guides, Mrs. Harry Cudmore. The Commissioner presented Golden Bars to Michel Peters, Ann MacPhee, Diane Fouchere, Betsy McCormack, Ann McInnis and Golden Hands to Barbara Acorn, Shirley Battersby, Jean McCormack and Claudia Richards. The Guides with their leaders,

Mrs. W. Fudge, Mrs. R. Richards, and Mrs. R. White, presented Betty Lou Peters to the Commissioner for "enrolment". Mrs. Cudmore presented badges to Lynn Ann Roach Carol Ann Power, Lillian Townshend, Kathleen Rogers, Roma MacDonald, Yvonne Gallant and Moira Grant. Mrs. Cudmore then addressed the audience emphasizing the importance of the movement to the community and explained why February 22nd is such an important date to the Girl Guide Movement. A campfire provided the ideal closing to the evening's entertainment.

Field Of Skulls Possible Home Of Vanished Race

By GEORGE KITCHEN WASHINGTON (CP)—A field of skulls and stone ruins found in a bleak, treeless Southampton island in the Canadian sub-Arctic may have been the home of a vanished race of early Canadian Eskimos, a Smithsonian Institution archaeologist reported today.

Reporting on an expedition undertaken by Canadian and U.S. scientists in 1954 and 1955, Dr. Henry B. Collins said the party discovered ruins of 75 semi-subterranean dwellings and more than 100 burial sites on the 17-mile-square island, which lies in the mouth of Hudson Bay about 1,400 miles north of Toronto. The ruins are believed to have

been left by the Sadlermiuts, a strange, primitive tribe of Eskimos whose ancestors moved eastward from Alaska over Canada's Arctic coast and islands more than 2,000 years ago and who became extinct in an epidemic in 1903, before scientists became interested in them. They are known to have inhabited the island. STONE AND SOD HUTS Walls of the dwellings were made of stone and blocks of sod, with the floors, roof supports and sometimes the roofs themselves of stone. The ground outside the houses was littered with skulls and bones of seal, walrus, caribou and polar bear. Stone cairns and meat caches were found by the hundreds along the beach. More than 100 human burials were found in the village itself and along adjacent beach ridges. Away from the habitation site, the bodies had been placed in well-constructed vaults of limestone slabs. Reports of traders and whalers who had known the Sadlermiuts showed there were many differences between them and other Canadian Eskimos. Their language was different and their houses were of stone. The men wore bearskin trousers and tied their hair in an enormous knot above the forehead. Like the Dorsets, another race of early Canadian Eskimo, they made

knives, harpoon blades and other implements of chipped flint instead of iron. The expedition was carried out as a co-operative project of the Smithsonian, the National Museum of Canada, National Geographic Society and the American Philosophical Society.

ANCIENT SPORT

Skis thousands of years old are displayed at Norway's ski museum.

EASTERN GUARDIAN CAMBRIDGE Hall, Wednesday night, Alliston W. I. Concert. A MEETING of the Souris, Souris River, Souris East, Rollo Chapel and Souris West will be held in MacQuaid's Hall, Souris, on Wednesday evening at 8:00 o'clock. The Progressive Conservative candidate will be in attendance. A large turnout is requested.

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