

Announcements

STUDENT PHOTOS

FOR PHONE BOOK AND YEARBOOK

SPECIAL ARRANGEMENTS FOR LATE REGISTRANTS
AND OTHERS WHO WERE UNABLE TO HAVE THEIR
PHOTOS TAKEN, ARE REQUESTED TO CALL
J 22 DEC. 8th, WED. between 11:15 and 2:15 p.m.

NAIT FLYING CLUB

GENERAL MEETING

North Cafeteria

WEDNESDAY, DECEMBER 8, 1972

at 5:30 p.m.

BASKETBALL

Saturday, December 4

at NAIT

Ookpikettes vs. Queens — 1:30 p.m.

Ookpiks vs. Kings — 2:30 p.m.

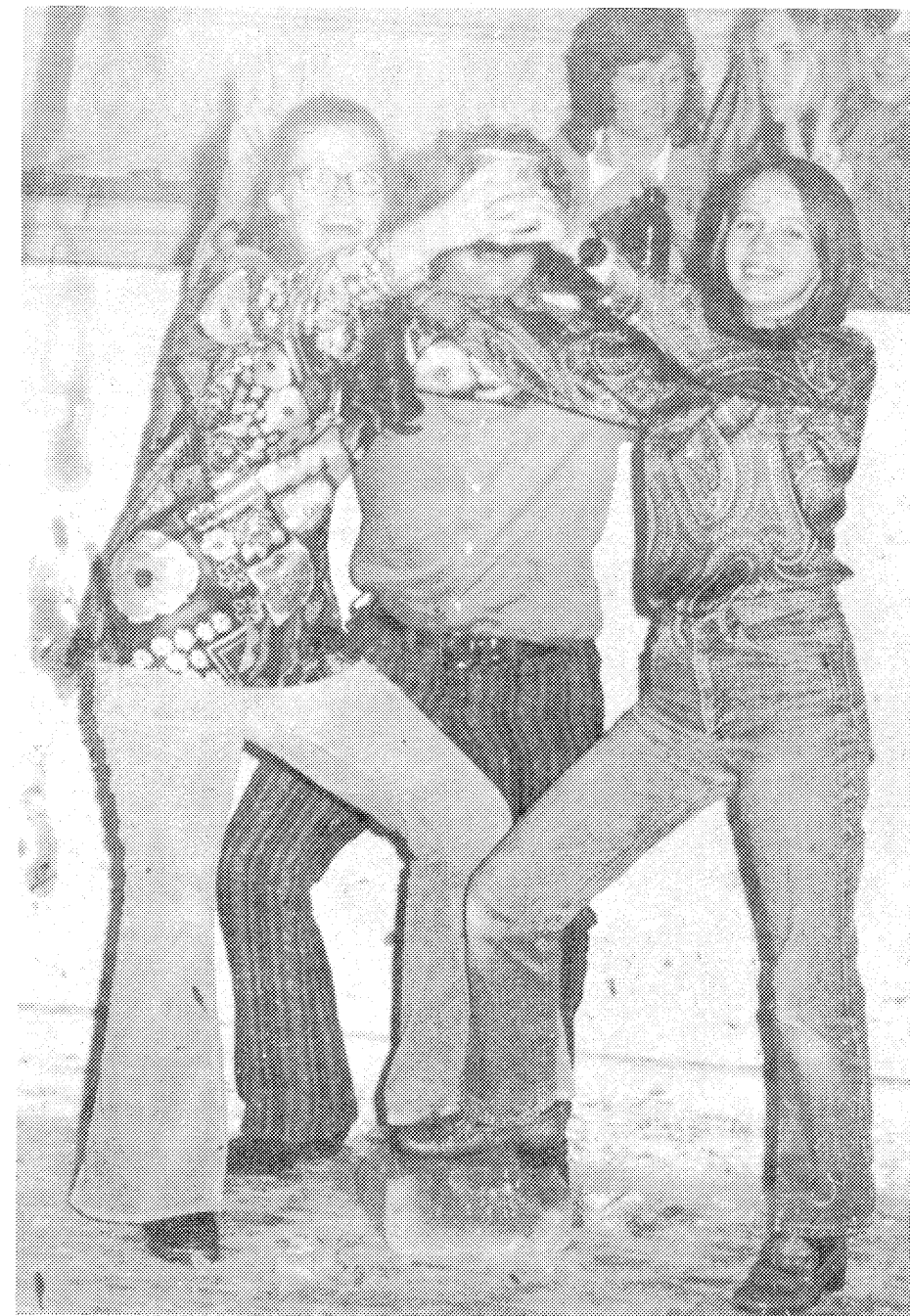
nait

Edmonton, Alberta

NUGGET

NORTHERN ALBERTA INSTITUTE OF TECHNOLOGY

Issue 11 Volume 1 Edmonton, Alberta December 8, 1971



— BATHTUB RACES —
nait may have lost, but we had fun,
just ask Brian . . .

nait

Edmonton, Alberta

NUGGET

NORTHERN ALBERTA INSTITUTE OF TECHNOLOGY

Nait was Represented at Bathtub Race



WHATS COOKING?

NAITSA NEWS

Terry Tannous.

The last meeting of NAITSA was held on November 17. NAIT's radio station CHNR asked for and received permission to broadcast into the Tower Lounge and the south lounge as well as the cafeteria for a two week trial period following the term break. The main argument against the station broadcasting into the Tower Lounge was the juke box. Last year NAITSA received nearly \$1,000 from this juke box and many people felt that receiving the money was money more important than hearing CHNR broadcasts. The other reason was that the broadcasts would not be heard above the din of the noise. The continuation of CHNR's broadcasting into these two areas (as well as the cafeteria) would depend on how well it was received.

STUDENT EMPLOYMENT

About four weeks ago Jim Stimson and two other members of NAITSA EXECUTIVE attended a meeting in Calgary of different post-secondary institutes in the province. The topic of the meeting was to hear student's reactions to and recommendations for various agencies efforts to combat student unemployment. At the last meeting of NAITSA COUNCIL, a subcommittee was set up to: (1) receive recommendations from NAIT students on how to combat student unemployment, and (2) draft a report which would be sent to local civic officials which would include these recommendations and reactions to unemployment. HAVE YOU GOT A RECOMMENDATION? We would like to hear from you. Student Executive office is E133. Ask for Jim.

Memorandum

In order that the 1972 edition of the NAIT yearbook, the NORTHERN TORCH, be a more representative sample of the activities and personalities at NAIT during the year, the editor would appreciate notice of all your technologies' functions one week in advance of their happening. This will ensure that photographs and literary coverage can be made of all functions.

Any club members willing to take pictures, develop film, print pictures, lay out pages, type manuscripts or submit activity notices, can apply to Dave Rayner in Room E127 or call on the

grey phone No. 422.

Any class projects, personal photos or ideas to enhance the impact of the book can be presented at the yearbook office for consideration.

Remember . . . if you don't do it . . . it won't get done. Last year's issue appears to be a flop, because the entire load was placed on three people — the onus is now on YOU to see that the ninth issue of the "NORTHERN TORCH" is a flaming success.

(Signed) Dave Rayner,
Editor, Northern Torch

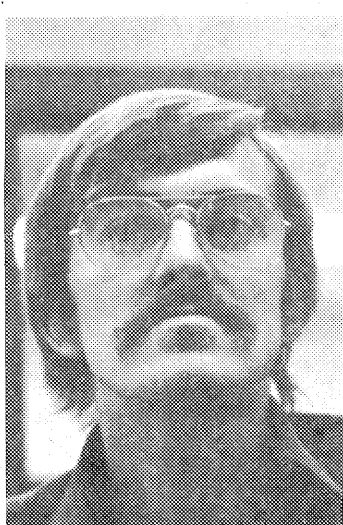


COME ON, PULL!

Correction Notice

The advertising dept. apologizes for the misprint of THE COLONY'S ad in the Nov. 12 issue. The ad should have read.

WHAT IS A HASSLE?
I DON'T KNOW, I SHOP
AT THE COLONY!



JARO POLK

the American hunters, as long as they keep within the hunting laws that govern the Canadian hunter. Why should there be two sets of laws, one for Canadian hunters and the other for American hunters. The biggest joke of all is the amount of leveled fines against the 11 hunters that were charged with breaking our hunting laws. Minister of labour Dr. Bert Hohol in an address to the Norwood Constituency PC Assoc. November 23 said that the Conservative government will legislate to minimize the effects of strikes. It's a good idea but it will remain to be seen what form this legislation will take, as strike action has become such an important tool for labour.

The prettiest site on the ski slopes this winter may very well be a nurse from NAIT, seem Miss Shewchuk has joined the ski club. If CHNR is going to go ahead and broadcast their style of music into the tower lounge, it will be interesting to see the reaction of the students in that area. Now that the juke box is

maker it seems obvious that the council members saw fit to throw away that money. But then the students council paying technologies to sponsor dances was just a token gift, and the students council has so much money to throw away that the loss of the 1,000 dollars is just a drop in the bucket when you realize that the council saw fit it the past to subsidize technology losses. To think that the council was set against the budgetary extension to enable the formation of the now NAIT drama club because of lack of funds; Next time your technology goes to a council meeting begging for money remember that you voted 1,000 dollars down the drain, that could have very likely been the monies that you will need in the future operations of your club. The show "Play Misty For Me" at the Odeon theater is something else, waiting, just waiting anticipating the action that leaves you wanting more is the best way of explaining the flick. The acting of Clint Eastwood is superb.

Canada -

Belgium

Student Exchange

Mr. Marty Klaassen, Electronics Technology Year C, has been selected as one of the students from post-secondary institutes in Canada, to participate in a Canada-Belgium student exchange program. He will fly to Belgium on December 1, returning on December 14, 1971.

This program is sponsored by the Government of Canada and the Government of Belgium, and will include cultural, historical, educational and technical visits. Participants will be hosted by the Belgian students who visited in Canada, and will have the opportunity to meet with students of the same age and who are studying in the same field in Belgium.

Our congratulations are extended to Marty on his selection.

Replies To:

DOES YOUR INSTRUCTOR KNOW HOW TO TEACH!

Dear Editor,
Nov. 17, 1971

This is a brief reply to the U of A's "Wes" who as an Education Major (I'm willing to bet) felt it his duty to ask the NAIT students "Does your Instructor Know How To Teach?"

First, I'd like to comment on several of Wes's statements. Wes, you are correct, for the most part, when you state we are not "teachers". I assume that this means we do not have a piece of paper stating we graduated from the faculty of Education, therefore we are not immediately excellent "teachers". Wes, did your mother have a degree in Education before she taught you how to tie your shoelaces and play with your toys?

Did you know that all NAIT instructors must take an "In-Service Training Program" before they assume their instructional duties? This excludes: educational psychology, lesson preparation, proper testing and (believe it or not) student teaching sessions. Special lectures and workshops are given in the uses of audio-visual aids, and other teaching aids. I admit this is not a four year course in education.

What I'd like to point out, Wes, is that during my years on the U of A campus I spent my time studying my specific field in great depth. During those years I did not, at any time, encounter a prof who had graced the halls of the Ed. Building. I seem to have "gotten away" with my mind in one piece, as

I went to work, applying all those "poorly taught" principles I had gotten from many "non-teaching" professionals.

You have charged that we do not know how to teach. I charge that many of the so-called teachers graduated by the Education Faculty may know how to teach, but are they familiar with any area to the point that they have enough knowledge to teach it? In many cases, the answer is no! Also how many teachers are actually teaching their major subject? At least at NAIT and the U of A you rarely find an engineer teaching sociology or a language major teaching automobiles!

Some instructors from NAIT do return to take the Vocational Education Program. However, the real reason for this move is most often an increase in pay. I've heard rumors that the education courses offered were of very little value — frequently because they were poorly taught!

We are hired to instruct students in specific, highly skilled areas. If we do a poor job, our students are not hired when they graduate. We've not had this problem to my knowledge in most areas. One of the reasons we seldom do have problems in curriculum and levels of instruction is an advisory board for each major section. This is a group of people who represent the working world (i.e., the employer), former students and our staff. You see we "teach" what our students need to know and

do, to be highly employable. Does the great faculty of Education have such a system? Do teachers ever talk with the U of A or NAIT etc. re-curriculum?

Finally, Wes, you have great confidence in your doctor which is commendable. I would like to ask one thing though. Since your doctor graduated in medicine and you have such confidence in him, who "taught" him? Did he study surgery from a surgeon or a major in Ed. Curriculum? Did he learn about x-rays from a radiologist or an audio-visual expert? Did he study the brain and its functions from the view points of neurosurgery and psychiatry, or in an Ed. Psych. course? For the sake of your valuable body (excluding the mind) I hope that your doctor received his instructions from those "Non-teachers" you've been complaining about. For all you know, your doctor may instruct med students as well as care for your mind and body.

This whole thing can be summarized by saying we, the NAIT instructors, for the most part, learned our professional, technical or industrial area very well. After completing our studies, if we enjoyed working with young people, we went on to instructing in our respective areas. Granted we were a little taken aback by our first classes (but what teacher isn't?) However, in-service training had prepared us reasonably well and experience (often trial and error) helped. We've learned something also: no nice "pat" set of teaching rules will apply to any two classes. We've learned to be flexible in our approach but, we still manage to send knowledgeable graduates out into their various work areas.

Wes, until you've been on both sides of the fence, you'd better do more research into the subjects you chose to discuss.

Signed:
A NAIT "Non-teacher"

RIP OFF

Dear Rip Off:

If the "dumb cop" didn't protect people like you, YOU and the innocent driver wouldn't be alive to celebrate Xmas.

I wish you the best fill!ing Xmas you ever had!

Mother of 10.

Dear Ripped Off

I'd say the dumb cop with the eye in the centre of his forehead should run over with cop truck.

You were lucky you were ripped off; not dragged-off.

Pro Bonapublico

would like to reflect on your recent letter to the editor, entitled "Does Your Instructor Know How To Teach", which is full of unsupported generalizations, half truths, and fundamental misconceptions about the function of the instructor, learning, and teaching. It is my intention to review some of these in order to clarify the position of NAIT staff and administration.

It is not true that the NAIT instructor does not require any training in teaching methods in order to teach. All our instructors must attend an In Service Training Program during the month of August, where the fundamentals of efficient teaching, educational psychology, test construction and classroom management are presented. We recognize that only the most important topics are covered because of time limitations, therefore additional courses and seminars dealing with teaching are offered to our instructional staff during the year.

The letter states "I have an unconfirmed report that the administration of NAIT is now encouraging instructors to attend classes in the Faculty of Education". The word unconfirmed suggests that the author had not bothered to do any investigation since it is true that we have approximately 30 instructors on educational leave per year, the majority studying courses at the College of Education. The word now suggests that this occurred very recently; this is also false since it has been the policy of NAIT since 1963 to develop our staff fully and support the concept of educational leave. There are now approximately 80 instructors with Bachelor of Education or higher degrees at NAIT.

The letter stated that "teaching ability is to a certain extent innate". I suppose you are referring to the old cliché which says that "teachers are born, not made". As a University student who should base his statements on evidence supported by comprehensive reading and reflection, you would be hard put to defend this generalization. You, however, modify your statement by saying that the "natural ability one has for teaching will improve if he studies how to teach". It sounds like some people exhibit "instinct" for teaching while others do not. I disagree with your argument about this concept, but agree with you that teaching techniques may be improved by the study of teaching methodology and for that reason all NAIT instructors must take the previously mentioned In Service Program.

The writer also states "that he didn't want to be afflicted with people who may know their subject area but who don't have one blooming clue of how to communicate it to your students". Would you like to be afflicted with professors who knew the most up-to-date teaching methods, who were effective in communications, but had nothing to communicate to you?

It is obvious that you have not given this statement much thought because the University and NAIT must make a compromise. We at NAIT, when hiring an instructor, look for his technical competence, work experience, empathy with young people, and desire to learn. We then attempt to teach him the teaching method for efficient and effective classroom functioning.

You state that "If an instructor is hired to write informative papers, fine, let him write informative papers. If he is hired to do research, that's okay, let him do research. I'm under the impression though that a major function of NAIT is to teach students, and if an instructor is hired to teach I suggest he learn how to do it". This statement is so dogmatic that it becomes unrealistic. You should by now understand that there exists an intimate relationship between the writing of scientific articles, research and teaching. These three functions are not mutually exclusive, all contribute to effective teaching, production and communication of knowledge.

To sum up, the article looks like a term paper written the night before it is due, which it is hoped will not be read by the overworked Professor. Neither your article or the fictitious term paper make any contribution to teaching learning and communication. Both are valueless.

K. Puffer, M.Sc., P.Eng., Ed.D.
Director
Technology Division
Northern Alberta Institute of Technology

NUGGET

MEMBER OF THE CANADIAN UNIVERSITY PRESS

The Nugget always needs students who would like to work on the paper. (Especially in the News dept.) We encourage you to submit your individual essays and reports, but we do not guarantee publication or return of this material.

Those who are still sticking it out include: Jaro Polk, Erwin Epp, Duane Studer, Debbie Fiske, Bruce Steffen (IV), Al Dickinson, Ken (Ironsides) Caspell, Terry Tannous, Jim (Daze) Lawson, Chris Slobodian, Elaine Masur, Nikki (poetry) Kropfreiter, Dan (Hi-Fi) Fraser, Lawrence Wilkie, Kathleen McConaghy, Fay Yakemchuk, Leslie Foster, and we think (Jerry Spevakow, Brenda Moore, Brenda Milner and Reg Dary).

Editor	Barry Hardie	Entertainment	Howard Harlton
Associate Editor	Jack MacMillan	Open House	Steve Wills
Sports	Mary-Lea Rivet	News	Anyone
Advertising	Charles Braun	Photo Directorate	Thomas Woo

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NAIT PHONE 479-8471 NUGGET PHONE EXT 329 AD-
VERTISING PHONE EXT. 342

Classified Ads

FOR SALE — Six string "Kent guitar" Classic neck, call 465-6026 evenings ask for Bob. \$50.00

FOR SALE: 1965 Plymouth stn wgn, slant six, std excellent condition. Six tires. Offers for information contact Herb at sports stores. Grey Phone 369.

FOR SALE: 3" Belt-Sander Craftsman 40. — 1/2" HD Power Drill Cummins forward and reverse 35. — Both like new. 3/4 Pipe threader free when both power tools are taken. See Herb or Rodger at Sports Stores.

FOR SALE — Winter Hard Top for a Triumph TR-3. See Mr. Strifler E136 Grey 374.

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As celestial choirs hummed a strain of O Canada and the pulse of Canadian nationalists everywhere raced quicker, the Herb Gray Report burst upon the country's consciousness two weeks ago.

What the report, or at least the pirate version of it that appeared in Canadian Forum Magazine, told us was that unless something is done in a big hurry, Canada runs the risk of becoming nothing more than an economic and cultural satellite of the United States.

This was hardly news to many Canadians who think that this has already happened and have for many years recognized the omnipresence of the American corporate behemoth in every sphere of the Canadian existence.

The Revenue's Minister's report, for all the uproar it has caused is really nothing more than the last gasping attempt of a national bourgeoisie to reassert some measure of control over its own economy. The Gray Report provides no answers, it's a case of far too little much too late.

Still, what is significant about the report to the Cabinet on foreign investment is that it maps the frightening proportions of American economic domination and reveals that the Trudeau government has been forced to develop at least a basic awareness that the problem exists and must somehow be dealt with.

The basic strategy which the Gray Report recommends to deal with the threatened economic and cultural assimilation into the great imperialistic marshmallow to the south, is a screening agency which would review future foreign takeovers and direct investment in Canada. (Direct investment as opposed portfolio investment is defined as actual, legal control of the assets of a corporation rather than merely possession of share equity.)

Such a body would have the power to block any new foreign economic move which did not conform to government goals regarding Canada's development.

The report also deals with the by-products of foreign investment such as its inhibiting effect on the emergence of a distinctive Canadian cultural identity and the country's forced dependence on a foreign-developed technology unsuited to its own national needs.

Another predictable facet of the report is its call for greater support of Canadian industry and the recommendation to home-grown industrialists and investors to be less cautious in their support of industrial expansion than they have been in the past. The report says that a major factor retarding the development of an autonomous capitalist economy has been the innate conservatism of Canadians about investing in their own country.

It now appears that the edited versions of the report which Canadian Forum obtained by as yet undisclosed means, is very close to the document which Gray presented to the Cabinet some time ago — and which was to have remained secret. It appears, too, that the document has been used as a base for formulating government policy on foreign ownership.

Mitchell Sharp, at the time acting prime minister, admitted in the House of Commons, Nov. 16, that the Cabinet has given approval in principle to the screening agency concept.

The problem with such a scheme, is, of course, that it is very much like shutting the barn door after the horse has escaped.

The main value in the Gray Report is its extensive documentation of the scope and dimension of foreign ownership that already exists in this country. The report shows, for example, that the assets of foreign-owned firms in Canada amount to at least \$50 billion and that at least 58.1 per cent of all manufacturing industries are foreign-owned — that is a controlling concentration of equity in the firm resides in a nation other than Canada.

As necessary as it is to prevent any further sellout of our industry or resources, the amount of economic and political power that already rests in foreign hands by a vast majority are American — will effectively prevent us from ever putting forth any kind of meaningful assertion of our own destiny.

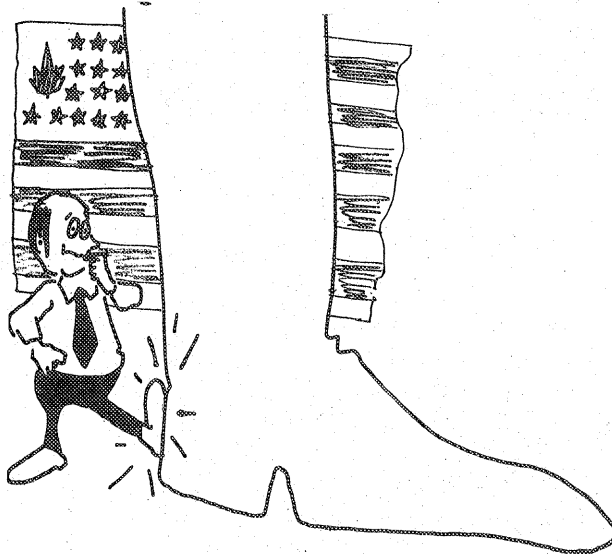
The Trudeau government and the class interests it serves — that is the industrialists and financiers — are not prepared to undertake the kind of drastic structural change in our economic system that would end American economic, cultural and social exploitation of Canada. From the government's point of view its fortunes and those of the class it represents are much too closely interwoven with the continued well-being of the mammoth corporate-industrial empire operating out of the United States.

Since the Trudeau government, and indeed the government of any capitalist country, receives its power and direction from the corporate elite it would have no interest in making any kind of substantial change in these power relationships. It just couldn't afford to challenge such a basic element of the status quo as existing American penetration of the Canadian economy.

Talk of buying back the Canadian economy under

THE HERB GRAY REPORT: A Feeble Blow Against The American Empire

BY ED REED
Canadian University Press



the existing system is ultimately unrealistic. Despite the token step of attempting to retard the rate of foreign takeover of our means of production, very little is going to change in terms of in whose hands the power to make decisions about the lives of Canadians rests.

Still, the Gray Report is an indicator of how far we are from controlling our own economic destiny — even in a straight capitalist sense — and how this is fast becoming a central reality to members of the government.

The man under whose name this report was presented is rather an anomalous figure to be involved in a study of the dangers of foreign-ownership.

Herb Gray, the honourable member from Windsor West, gained something of a reputation in the spring of 1969 as being little short of a front man for one of the largest multinational corporations of them all, Ford Motors.

At that time he played a key role in covering up the Liberal government's questionable decision to forgive the Ford Motor Company of Canada — whose main Canadian branch plant is in Windsor — more than \$75 million in duties it owed resulting from its failure to live up to the terms of the 1965 Canada-U.S. auto pact.

It is not clear at this point exactly what role Gray himself played in the writing of the report, which in the Canadian Forum version has been edited to 75,000 words from an original 200,000.

The research team which compiled the report was headed by a young Montreal economist, Joel Bell. The task force drew upon the knowledge of a large number of experts employed in various branches of the federal civil service.

The report, two years in the compiling, has been called the most comprehensive study of foreign ownership and investment ever undertaken in this country.

Some of the research and the conclusions of the report can help us to better understand the nature of our own exploitation. Among the most significant of the observations made:

- A large amount of Canadian money is being used to finance the sellout of the country's identity and resources. There is a slower influx of American capital than there has been in the past but as the report points out, over 60 per cent of the financing for the expansion of foreign control between 1961 and 1967 came from Canadian sources. And as the report says: "... If new direct investment were to be entirely excluded from Canada, foreign control would continue to grow in absolute terms, due to both the internal generation of finances by the firm and their ability to raise external funds in the Canadian capital market."

- As a direct consequence of foreign — again chiefly American — involvement in our economy, the growth of Canadian culture in nearly all respects has been stultified. There can be no real reconciliation between large-scale foreign ownership of our means of production and the development of an identifiable national culture.

As the report says: "... the presence of large volumes of foreign investment concentrated in U.S. hands increases the difficulty of developing a distinctive national culture. This has potentially serious implications since the economic and political strength of a country lies largely in the creation of a cultural, social and political milieu which favours indigenous initiative and innovation."

"There is no way of leaving the 'economic' area to others, so that we can get on with the political, social and cultural concerns in our own way. There is no such compartmentalization in the real world."

The authors of the report also point out that a sort of vicious circle develops; the less national culture a country has, the greater the danger of foreign economic domination. "The lack of a strong identity and a distinctive culture tend to create ... a vacuum and a greater receptivity to foreign influence and investment. The ease of importing our culture from the U.K. or the U.S. reinforces this tendency by reducing the pressure on Canadians to develop their own cultural distinctiveness."

- The country's reliance on an external technology has retarded the development of national autonomy. The report says: "Some 95 per cent of patents issued in Canada are registered to foreign owners, of which two-thirds are owned by United States residents."

"Another study shows that in a list of 25 countries, Canada is first in percentage of patents which are foreign-owned and last in the percentage of patents owned by nationals of the issuing country."

This indicates that our technology has been moulded to meet the demands of nations other than our own and that if we are to achieve any form of sovereignty we must come to grips with a technology oriented to specific Canadian needs and problems.

"If technology is in Canadian hands, the chances are greater that its use will be adapted to the needs of the Canadian milieu" the report concludes.

- The world's economy is on the verge of being dominated by about 300 multinational enterprises — defined by the report as being "major corporations that spread their activities around the world and treat all countries as their own." Two-thirds of these multinational enterprises are American-controlled.

Some sobering statistics about these corporate monsters whose power rivals that of even the largest nations:

- Eighty per cent of All American direct foreign investment is accounted for by 200 firms.

- Sales of U.S.-owned corporations operating in foreign countries amounts to about \$200 billion a year.

- Multinational corporations are responsible for 15 per cent of the Gross National Product — the value of all goods and services produced — in the non-socialist world.

- This percentage will rise to 50 per cent by 1990 at which time sales of multinational enterprises operating throughout the world will be valued at around \$2,000 billion.

- In the near future it will not be unusual for these giant companies to have over one million employees.

- The book value of American direct investment abroad has increased from about \$7.5 billion in 1929 to \$70.8 billion in 1969 and is still expanding.

- The conclusion of the report is that these multinational corporations through their size and the consequent greater integration of national economies, are gaining more power than most national governments. There will have to be some kind of showdown.

The extent of the control of these multinational corporations in Canada is further amplified by these figures:

- In 1968 the assets of firms which were 50 per cent or more non-resident-owned were \$50.7 billion. (It should be remembered that effective control of a corporation can be gained by possession of as little as three per cent of its common stock.)

- As measured by taxable income — usually not the best gauge because of the numerous tax loopholes which corporations can find — 64 per cent of the manufacturing industry in Canada is foreign-owned. Ontario tops this industrial sellout parade with 70 per cent foreign ownership of manufacturing firms followed by the Prairies with 61 per cent, the Atlantic Provinces with 60 per cent and by B.C. with 44 per cent.

Foreign ownership in Quebec — considered by the government to be non-Canadian as opposed to non-Quebecois — is somewhat below national levels in all sectors except services and utilities.

- Over 8,500 Canadian firms are foreign-controlled, at least 7,000 by Americans. This list has been growing in recent years by about 170 companies a year.

There are some important realizations about the shaky chances for Canadian survival contained in the Gray Report. It would appear that the Trudeau government is prepared to make at least token steps to arrest the trend that is marking our destruction. But neither the authors of the report, nor the government, nor the men who hold the real power — the corporate titans — are willing to make any fundamental changes to a economic and social system that operates only for the rich.

It look like we'll have to be content as colonials for some time to come.

ENTERTAINMENT

THE GREAT EDMONTON CONCERT MISHAP

BY HOWARD HARLTON

It was all a big mistake on the part of promoters and booking agents. The promoters, however, didn't have any way of knowing that they were all converging on Edmonton so near to each other. I, first of all, feel sorry for the musicians and entertainers who played and sang to sometimes less than half filled houses. Secondly, I feel sorry for the avid concert goers who missed some truly fine concerts for the sake of lack of funds. Not only that, but the person who can bear the sometimes too high volume of some of the concerts at a rate of five in seven days is truly a rarity.

I can't do full write-ups on all of the concerts. I don't have the time and the NUGGET does not have the space to give all the concerts the write-ups they deserve. I'll just make chronological mention of my observations as objectively as possible.

James Cotton Blues Band and It's A Beautiful Day — Sunday, November 14th.

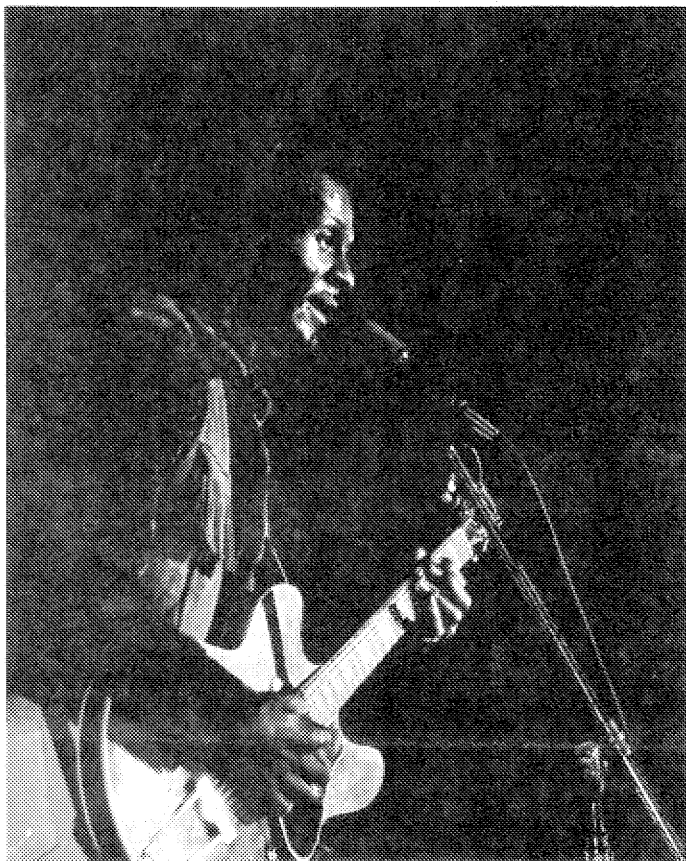
To take the words of Bo Diddley while talking about James Cotton "Sure I know Cotton. He's one HELL of a big man. A workin' fool!". And a Workin' fool he was! Cotton kept every muscle on his 6'2", 200 pound plus frame moving the whole time he was on stage. The most outstanding part of his act was his ability to blow a real cool blues harp. Everyone in the auditorium, I'm sure, was rocking to the music. Cotton really moves an audience!

It's A Beautiful Day wasn't so beautiful. Well, yes they were, but the volume was just about unbearable. The guitars in the Blues Band and Beautiful Day were both much, much louder than they should have been. In the Blues Band, it didn't bother me much because I could always hear Cotton when he was playing, but in A Beautiful Day it was a different story. David Laflame's fine violin playing went almost unheard at the best of times, robbing from the intended overall sound that Beautiful Day is noted for. I must recommend that Highwind Productions pay more attention to saving patron's ears for future concerts.

The attendance was about two thousand, possibly less.

The 1950's Rock And Roll Revival — Tuesday, November 16th.

Next to the Procol Concert, I considered this to be the best concert dollar for dollar. It was not up to what the advertising and promotion said it would be, but it was very entertaining nevertheless. The sound was



CHUCK BERRY

Photo by Petr Honcu

good with the exception of a number of electrical shorts throughout the concert. The show itself was put together well and it all went off with very few hitches. The only detracting point of the show was just that the entertainers didn't do all of their million-selling hits!

The Comstock Limited (the show back up group) started the show with a medley of rock and roll, starting with songs from the beginning, back in the fifties all the way up to present day heavies. Then came the Dovells with their hits and Gary U.S. Bonds sporting a new Afro-Electric hairstyle which was a total change from his greasy look that we featured on the front page of the November fifth NUGGET. Last on the first half, was BO DIDDLEY. Bo was the most colorful person of the whole concert, wearing a red outfit bedecked with peace beads and all. He and his square guitar put out the distinctive Bo Diddley sound.

The second half started with Shirley and The Shirelles. They did the best job of getting through their hits, and put on the most active, body shaking performance of the evening. They were the only group to get an actual encore.

Chuck Berry was the hit of the evening, using his Mabelene

introduction for five songs and not even playing Mabelene. It was fascinating to see the man largely responsible for the success of Rock and Roll over the last fifteen years. His music has influenced today's music scene more than any other artist's music has.

Attendance was about three thousand. I really feel sorry for the people that missed this one.

PROCOL HARUM IV
PROCOL HARUM WITH THE E.S.O. Thursday, November 18th.

By far the best concert of any type ever to happen in Edmonton. The sound was as near to perfect as I ever expect to hear anywhere, and I'm sure that everyone there were as together as they'll ever be at a concert.

The whole idea of the concert started back in the summer and things built up until November 18th, when it all came off as one of the best concerts ever. The "togetherness" really got its basis with the news that it was to be recorded as a live album for Procol. It was totally sold out a full twelve days before the concert, setting a new sellout record for an Edmonton Concert! Then things proceeded to pull together at an ever increasing rate until concert time at 8:30 p.m. November 18th.

Things started to happen with

the arrival of the musical score about a week before the concert. Then Wally Heider and his portable sixteen track recording apparatus arrived on Monday, the fifteenth. Tuesday, the sixteenth, marked the arrival of Procol and all the friendly people from record companies, promotion companies and what not. Everyone involved with the show proceeded to become one big happy family as they met at the Holiday Inn. Wednesday and Thursday mornings were taken up largely by long hard practices by the musicians. Wednesday evening provided some spare time for many a rap and by concert time Thursday Evening, everyone was in a state of rapturous enthusiasm, as they anxiously awaited the big moment.

Larry Reese and Gay Delorme combined with a couple of friends to bring the Classical Indian Sitar style together with Classical Guitar. They played a twenty minute Raga, which brought the concert its peaceful atmosphere. It was an excellent contrast to the bringing together of Rock and Symphony. Edmonton will likely here a lot more of these two fine musicians in the future. Their performance was complete right down to having incense sticks smoldering as they played.

Then, as a further contrast, we were taken back past the classical period of music to a composition by a pre-Bach composer by the name of Albinoni. The work was titled "Concerto For Organ And Strings", and featured Procol's organist, Chris Copping on his Hammond B3.

Chris deserves special acclaim for his first solo performance without the rest of Procol Harum with him. He must have been under tremendous amounts of pressure as at times his fingers were trembling very nervously over the keys. The concerto was an unusually soft piece unlike anything Procol Harum usually does, but its purpose in the main part appeared to be to spotlight the symphony orchestra.

After the first half of the concert, everyone was given twenty minutes to gather their heads together before Procol Harum and The Edmonton Symphony were to make their magical mark on modern musical history. By the time they were to make their entrance on the stage I'm sure that everyone in the auditorium was almost in a state of frenzied anticipation.

I wish I had a recording of Ritchie Yorke's exact words while introducing Procol Harum. I can not say that his is an exact quote but his words were something like this: "Any other group would have to be crazy to come out on stage here tonight and attempt doing what only a group of the magnitude of Procol Harum is about to do here tonight". How true!

Then on to the stage came the Edmonton Symphony and Lawrence Leonard, followed

shortly by one of the greatest of all rock groups, Procol Harum. Everyone looked more confident than I had ever expected them to. The musicians all took their places and after a few fleeting moments: B A N G !! . . . and "Conquistador your stallion stance it be now complete". Marking the start of the concert and I'm sure that "Conquistador" will also mark the starting point of a new and much broader world wide acceptance of Procol Harum's music. The release of the album will also mark the discovery of the Edmonton Symphony Orchestra as being by my standards without a doubt Canada's finest symphony bar none!

The space available here could not describe effectively the things that happened there that night. Procol Harum did more effectively than any other group could ever hope to do by taking the audience through all the moods of: sexual hangups; loneliness; achievement; self realization; death; frustration and depression. There music was thought provoking and providing of a means of escape as they progressed through cuts from all their albums: Conquistador from Procol Harum; Shine On Brightly and I Held Twas In I from the Shine On Brightly album; aSly Dog from the album of the same name; All This And More and Whaling Stories from the Hom album; Simple Sister and Luskus Delph from Broken Barricades.

The highest climax of the show was reached with the playing of Procol's largest scale composition, their cantata "In Held Twas In I". It also marked one of the rare stage appearances of lyricist Keith Reid with his words "Though close by that which some despise; which some call fake and others, lies. And somewhat small for one so tall . . . Still, Write it down. It might get read. Nothings better left unsaid."

There is so much more which can be said about this great work that I'd just as soon leave it unsaid for fear of getting carried away. Besides, Keith's lyrics can put anyone's head into a beautiful space. I'll let you discover for yourself Procol's beauty when you listen to their albums yourself.

The official end of the concert was marked by the audience giving Procol the longest standing ovation that I've ever seen an audience give a performing group in Edmonton. It held out for what seemed to be five minutes, but quite rightly so because the Harum deserved all this and more. (pun)

Procol Harum then returned to the stage and proceeded to show their appreciation with gratification never before laid upon and Edmonton audience quite so heavily as this. Brooker remarked that they would play In Held Twas In I as their encore and that if the audience felt like it that they could stay for a re-taping of Conquistador and Salty Dog.

Chilliwick

BY HOWARD HARLTON

Chilliwick doesn't have the record for the most sales of record albums in Canada, but without a doubt I must say that they are Canada's best and most originally creative band. After being together for four years, Chilliwick has had only two personnel changes with the departures of Howie Vickers and Glenn Miller leaving the group as a trio. In those four years they have put out three albums and a few singles.

Chilliwick will be making another return visit to Edmonton for a concert in the Jubilee Auditorium, December ninth, at 8:30 p.m. Their concert will coincide with the release of their new double album. (Two LP's for \$5.95). I very much expect that they will be featuring many cuts from that album set. (On A&M, No. SP 3509).

Bill Henderson once said "Live gigs are our most important method of communication at present", and true enough, I've felt more rapport with Chilliwick at their concerts than I have with any other Canadian group. I've lost track, but I think this will be their sixth Edmonton concert. Their gigs get better every time they come here and I can honestly say that I've never met anyone who hasn't enjoyed Chilliwick's live performances.

I, as yet, don't have a copy of their double album to review, so I'll now review the album they featured at their last concert here in August.

CHILLIWACK, by Chilliwick on London's Parrot record label, No. PAS 71040.

CHILLIWACK was recorded while Chilliwick was still a four piece group. Bass player, Glenn Miller was still with the group when the album was recorded. With Miller's departure, the remaining three members now all take turns playing bass at different times. Their basic sound hasn't changed much because of it, with Claire Lawrence taking on the job most often.

Claire Lawrence plays Flute, Saxophone, Organ and Piano on the album and like all the mem-

bers of the group, he plays everything well. Ross Turney provides the often fascinating chops on drums. Bill Henderson is absolutely legendary on guitar. Bill also plays the piano on the album.

The album starts off with lonesome nature calls from Claire Lawrence and his flute in Sundown. The group then quickly moves into some fast paced Jethro Tull type boogie which Chilliwick does equally as well as Tull. At times their vocal bantering back and forth sounds like a huge flock of geese. Now this may sound terribly complex, but it isn't. They pull out a west coast nature sound like no other group has been able to do. Anyone who has heard it will recall its lonesome sound. Definitely not top forty commercial music; it's just great music.

The second cut, Every Day, plays on the beautiful harmonies that Chilliwick puts out so well. The lyrics are also very nice. "Here She Comes/Let the day begin/I used to say/as she came into my room/now I'll never be the same." It was released as a single and did very well for the group in Western Canada.

Skipping over to the second side, I'll make mention of Rain O. It was also released as a single and it was one of the most beautiful songs of '70-71. The lyrics were marked by "If there's no audience, there just ain't no show". This song well deserved staying on the charts as long as it did and I can't put into words just how much I like it.

The album is all tied together by Claire Lawrence's lonely sounding flute in the last cut, Chain Train. The song starts off with some fast paced train truckin' blues tracking off to Lawrence's lonely nature calls and eventually fading off to emptiness.

I'd recommend this album as much as I would any Canadian album, as I feel that Chilliwick has captured a Canadian feeling that no other group has!

CFRN FM STEREO Listings

Music Of The Masters Friday, December 3, 1971, 10:05 p.m. - 12:00 a.m.

ARENKY: Variations on a Theme by Tchaikovsky.

FROM THE 1970 HITZACKER SUMMER FESTIVAL:

HANDEL: Concerto Grosso in D Minor;

MOZART: Divertimento in D; Torelli: Sonata in D; Haydn: Violin Concerto in C; Handel: Suite in D; Janacek: Andante Con Noto.

5TH DIMENSION SPECIAL, Saturday, December 4th, 9:00 p.m. - 11:00 p.m.

Saturday, December 4th, 11:00 p.m. - 1:00 a.m.

ELTON JOHN and cuts from "Tears Of Joy", by Don Ellis

SUNDAY OPERA Sunday, December 5th, 1971, 8:00 p.m.

VERDI: Macbeth, Nilsson, Tadei, Prevedi, Schippers.

Music Of The Masters, Monday Through Friday, 10:05 p.m. - 12:00 a.m.

Monday, December 6, 1971

WOLF: Italian Serenade;

TELEMANN: Suite for Strings in F Sharp Minor;

MOZART: Symphony No. 40 in G Minor;

Beethoven: Piano Concerto No. 2 in B Flat;

BURMUELLER: La Peri. Tuesday, December 7, 1971

BACH: Toccata and Fugue in D Minor;

SCHUBERT: Symphony No. 8 in B Minor;

BRAHMS: Piano Concerto No. 2 in B Flat;

GLUCK: Orfeo ed Euridice. Wednesday, December 8, 1971

BEETHOVEN: Egmont;

WEBER: Clarinet Concerto No. 1 in F Minor;

SCHUMANN: Carnival;

VIVALDI: Concerto No. 3 in D; ELGAR: Concert Allegro.

Thursday, December 9, 1971

CHOPIN: Military Polonaise;

TELEMANN; Trumpet Concerto in D;

FRANCK: Symphony in D Minor;

MOZART: Concerto for 3 Pianos in F.

Friday, December 10, 1971

MOZART: March;

POULENC: Sinfonietta;

BRAMS: Dostoevsky Concerto in A Minor;

SIBELIUS: Symphony N 5 in E Flat;

CANTELOUBE: Songs of the Auvergne.

"Kotch"

Starring "Walter Matheau"
Directed by "Jack Lemmon"
Playing at

The Westmount Theatre

If anyone wishes to see a good entertaining film, go see 'Kotch'. There were parts in the show that were a bit dragged out but the rest of the story made up for it.

Walter Matheau who played Kotch has done a remarkable job showing us what it is like to be old, rejected and left out of everything that has some meaning for him. It's no fun being shut off from life, but Kotch is determined not to let what is

left of his time to go to waste. Kotch takes the bull by the horns and gains a purpose in life again by becoming involved with a pregnant girl and helping her live through the hard times; he even delivers the baby in a washroom of a service station. The whole theme revolves around how life passes from the old to the new, in a never-ending chain.

If anyone wants a different view on an old social problem, go see KOTCH. It's light-hearted, entertaining and well worth the price of admission.

Joe Schipperheijn.

2:42:71 Feminine Hygeine Deodorants Of Little Use Doctors Say

WASHINGTON (LNS-CUPI) —

Five years ago nobody had ever heard of a feminine hygiene deodorant. We all had our hands full keeping our underarms and feet smelling sweet. The, somebody decided that there was money in vaginas and so the feminine hygiene deodorant was born.

And for five years major drug/cosmetics companies like Johnson and Johnson and Alberto Culver have been raking it in. Projected sales for 1971 will run to \$53 million according to the Wall Street Journal. This represents a market of almost 24 million women.

However, the bubble may be about to burst. The deodorants are now under attack by some doctors.

A recent issue of the Medical Letter, a drug-evaluation newsletter for doctors stated. "It is unlikely that commercial deodorant feminine hygiene sprays are as effective as soap and water in promoting a hygienic and odor-free external genital surface."

"Expensive perfumes", is the description used by gynecological expert Dr. Bernard Kaye of Highland Park, Ill. Quoted in the Wall Street Journal, the doctor continued, "There is never been any proof that the sprays are effective to anything except make money for the companies. There's no reason for the damn things."

Dr. Kaye reports that he gets a "couple of calls a day" from women complaining of a rash or an itch, many of which can

be traced directly to the sprays.

Today's Health, a publication of the American Medical Association warns women not to use the sprays directly before intercourse because such use had resulted in "a number of cases of genital irritation on both men and women."

Further questions have been raised by the Federal Drug Administration and the Federal Trade Commission. Both agencies have begun to investigate the deodorants. The FDA is concerned about the sprays' side-effects.

Most of the sprays are made of an oily base containing a germ-killer — usually hexachlorophene — perfume and a gas propellant. Since recent studies have revealed a possible connection between hexachlorophene and brain damage in laboratory animals, the FDA wants to see the ingredients listed on the spray containers. At present no ingredients are listed.

The FTC is more concerned with the advertising campaign—a massive one by any standards. Recently television has been inundated with those discreet, low-key ads about femininity, the new woman and vaginal odour.

Alberto Culver alone spent \$3.5 million in 1970 to advertise FDS, its product line of hygiene spray. In return, they took in \$14 million in sales — quite a profit for a product which even manufacturers say is at least as good as plain old soap and water.

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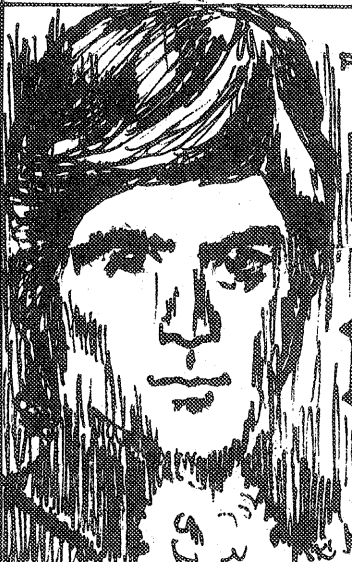
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Turtle on Continental Handball

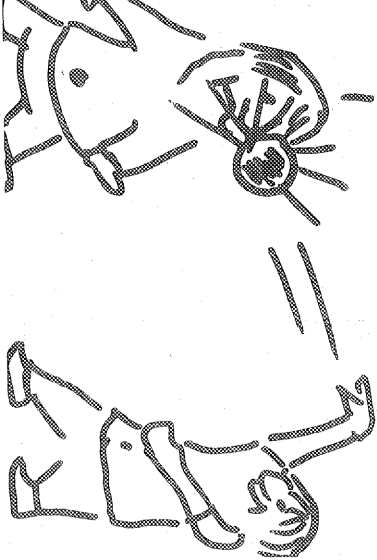


Jump short (1) —
—Throw Ball Before:
—Touching Floor
—Touching Wall
—Landing on Goalie

Style uses extended arm in case you hit something.

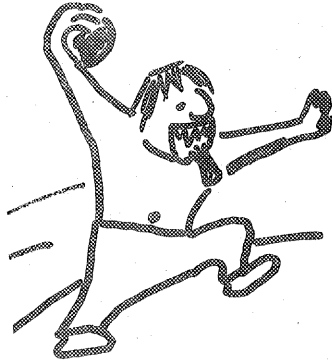
Extended body mass presents a more awesome picture.

Use loud yells and gnashing of teeth for intimidation.



FORWARD PASS —

The object is to move the ball to another team member however throwing at opposing members face brings in a surprise element will not know whether to cover face or receiver.



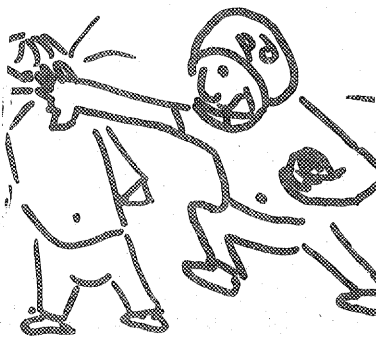
Jump shot (2) —
—Throw Ball Before:
—Hitting Wall
—Touching Floor
—Landing on Goalie
—Landing on Ball
Practise landing to minimize injury.
Practise making great leaps. Incorporates a drop shot, no defense when hitting walls.
Loud yells and gnashing of teeth not advisable, liable to be classified as rabid or insane.

NAIT OOKPIK SOCCER TEAM

Following the success of the inter-mural soccer the NAIT Oook-pik Soccer Club is alive, and has been accepted into the E.D.F.A. indoor soccer league and will be playing in Division 2. The deviation to enter a team was unfortunately delayed, resulting in a minimum of practice time prior to the first fixture. So the team is looking to become stronger with each game.

All games are played on the new artificial turf in the Kinsman Field House, and there is lots of good spectator seating available.

Come out and watch the Oook-pik's play the worlds most popular game.



RUNNING THE BALL —

Practise making effective apologies. Wear football equipment to be efficient confuses identity and motive of player. Practise running into walls to build and develop body muscles required.

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Upcoming Events

Friday, December 3 HOCKEY Oookpiks vs. Trojans at SAIT

Saturday, December 4 HOCKEY Oookpiks vs. Kings at Red Deer

VOLLEYBALL First of three ACAC tournaments will be held at Camrose Lutheran College

GYMNASTICS Provincial Women's Gymnastic Coaches Clinic held at the University of Calgary (details on bulletin board outside the gym)

Tuesday, December 7

Sports Reps Meeting at 4:30 in E134

HANDBALL Last date to inter Intramural Continental Handball which begins December 9. (Entry forms are available in E134).

Wednesday, December 8

WRESTLING Finals of Men's Intramural Wrestling will be held at 1:00 p.m. in the gym. (Come and support your technology)

Soccer Schedule

Friday December 3	7:30 P.M.	NAIT v Croatia
Tuesday, December 7	8:30 P.M.	Dania v NAIT
Tuesday, December 14	8:30 P.M.	Central S.C. v NAIT
Tuesday, December 21	8:30 P.M.	Polonia v NAIT
Friday, January	9:30 P.M.	North W. Utd v NAIT
Sunday, aJanuary 16	5:00 P.M.	Bristol Newts v NAIT
Friday, January 21	9:30 P.M.	Edm Thistle v NAIT
Friday, February 11	7:30 P.M.	Capitol T.V. v NAIT
Tuesday, February 15	8:30 P.M.	Universe v NAIT
Sunday, February 20	7:00 P.M.	Trojans v NAIT
Friday, February 25	7:30 P.M.	City Police v NAIT
Sunday, February 27	5:00 P.M.	Lions v NAIT
Tuesday, March 21	9:30 P.M.	1st D.F.C. v NAIT
Wednesday, April 5	8:30 P.M.	Montgomery v NAIT
Friday, April 14	7:30 P.M.	Hungaria v NAIT

Announcement

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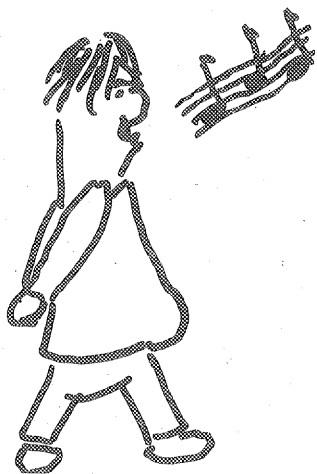
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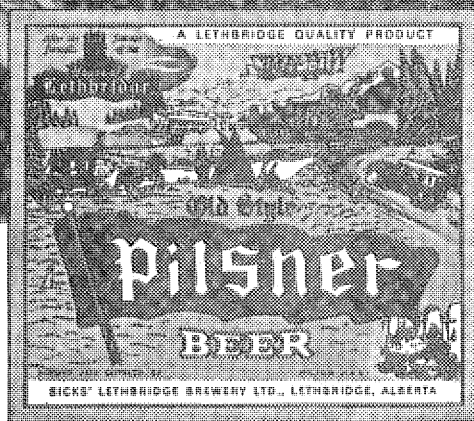


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