



# ANEE

Newsletter of the Council of  
Outdoor Educators of Ontario

VOLUME 10 NUMBER 5 JUNE 1981

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## COVER PHOTO; CEDAR GLEN

ANEE, the newsletter of the Council of Outdoor Educators of Ontario is published seven times each school year. The publication is mailed to C.O.E.O. members only. Membership can be arranged through the membership secretary whose address appears opposite.

ANEE (AH-NEE) IS AN OJIBWAY WORD USED AS A GREETING OF FRIENDSHIP, IT IS USED AS A CORDIAL SALUTATION AMONG FRIENDS MEETING INFORMALLY. OUTDOOR EDUCATION IS A DISCIPLINE WHICH HAS AS ITS FOUNDATION A DESIRE TO LIVE IN HARMONY WITH THE ENVIRONMENT; THE TRADITIONAL WAY OF LIFE OF OUR NATIVE PEOPLE CHERISHED THIS ATTITUDE. ANEE IS A MEANS OF COMMUNICATING AMONG OUR MEMBERS WHO ARE SCATTERED ACROSS A LARGE PROVINCE. IT IS HOPED THE GREETING -ANEE- IS FELT THROUGH THESE PAGES.

Printed on de-inked recycled paper.

# FROM THE EDITOR'S DESK

An Open Letter to the Honourable Keith Norton, Ontario Minister of the Environment.

Well, hello Keith. You've certainly come a long way since we used to gather on the front steps of 115 lower Union Street to escape the summer heat indoors. You were a lowly law student, then, and I was a Queen's undergraduate.

Here you are, Minister of the Environment. It's odd that I don't remember that as being one of your interests. In those days, prison reform was your thing. You used to spend a lot of time working with the inmates at Joyceville. And, of course, there was the time you said that someday you'd be Prime Minister of Canada. Remember?

There are those who say that you'll be well on your way to that goal if you handle the Environment portfolio with finesse. And I read your name almost daily attached to punchy quotes about acid rain.

But there are some questions I have to ask you, Mr. Norton. Just why do you think that South Cayuga is the "ideal" site for a chemical waste dump? I heard you say that you'd been involved in the decision just the day after your new cabinet appointment. How did the residents of a town near Bancroft become the fortunate recipients of the radioactive soil found in the Malvern district in Scarborough? What truth is there to the ominous rumour I hear that the Pickering Airport project is picking up steam? What response will you make to Reagan's "hands-off" policy regarding air pollution? Have you considered the reports of the impact on Ontario's game and fish of winter shipping in the Great Lakes?

Tell me, Keith. Do you care?

Sheila Mudge,

*Sheila\**  
Editor, Anee.

# HOW CAN YOU BUY OR SELL THE SKY ?

\* As we enter 1975 amidst strong pressure to forget ecological considerations in the feverish hunt for new energy sources, the words of an Indian Chief who lived more than a century ago are worth pondering. And so we present again a column on Chief Seathl which ran some time ago but has immediate relevancy today. He knew nothing of our modern world but he could see even then the way we were heading and warned against it.

Anyone who travels has an interest in the preservation of the ecology. That along with what the variance in culture around the world, is what it's all about.

So, granting the importance of the subject, let's take a look at a haunting cry from the heart dictated more than 100 years ago by an Indian Chief who never heard the word ecology but understood more of its meaning than many of today's leading environmentalists.

The man was Seathl, Chief of the Dawamish tribe in the State of Washington, the man after whom Seattle was named and his statement came in the form of an 1855 letter to the president of the United States regarding the proposed purchase of the tribe's land. Read it and weep for his lost cause, his vanished world.

"The Great Chief in Washington sends word that he wishes to buy our land. The Great Chief also sends us words of friendship and goodwill. This is kind of him, since we know he has little need of our friendship in return. But we will consider your offer, for we know if we do not so, the white man may come with guns and take our land. What Chief Seathl says, the Great Chief in Washington can count on as true, as our white brothers can count on the return of the seasons. My words are like the stars--they do not set.

"How can you buy or sell the sky -- the warmth of the land? The idea is strange to us. We do not own the freshness of the air or the sparkle of the water. How can you buy them from us? We will decide in our time. Every part of the earth is sacred to my people. Every shining pine needle, every sandy shore, every mist in the dark woods, every clearing and humming insect is holy in the memory and experience of my people.

"We know that the white man does not understand our ways. One portion of the land is the same to him as the next, for he is a stranger who comes in the night and takes from the land whatever he needs. The earth is not his brother, but his enemy, and when he has conquered it, he moves on. He leaves his father's graves behind and does not care. He kidnaps the earth from his children. He does not care.

THE WHITES, TOO SHALL PASS

"Our children have seen their fathers humbled in defeat. Our warriors

have felt shame. And after defeat, they turn their days in idleness and contaminate their bodies with sweet food and strong drink. It matters little where we pass the rest of our days -- they are not many. A few more hours, a few more winters, and none of the children of the great tribes that once lived on the earth or that roamed in small bands in the woods, will be left to mourn the grave of a people once as powerful and hopeful as yours.

"One thing we know which the white man may one day discover. Our God is the same God. You may think now that you own our land, but you cannot. He is the God of man, and His compassion is equal for the red man and the white. The earth is precious to Him, and to harm the earth is to heap contempt on its Creator.

"The whites, too, shall pass -- perhaps sooner than other tribes. Continue to contaminate your bed, and you will one night suffocate in your own waste. When the buffalo are all slaughtered, the wild horses all tamed, the secret corners of the forest heavy with the scent of many men and the view of the ripe hills blotted by talking wives, where is the thicket? Gone. Where is the eagle? Gone. And what is it to say good-bye to the swift and the hunt, (it is) the end of living and the beginning of survival.

#### THE SHADOW OF A CLOUD

"We might understand if we knew what it was that the white man dreams, what hopes he describes to his children on long winter nights, what visions he burns into their minds, so that they will wish for tomorrow. But we are savages. The white man's dreams are hidden from us. And because they are hidden, we will go our own way. If we agree, it will be to secure the reservation you have promised. There perhaps, we may live out our brief days as we wish.

"When the last red man has vanished from the earth, and the memory is only the shadow of a cloud moving across the prairie, these shores and forest will still hold the spirits of my people, for they love this earth as the newborn loves its mother's heartbeat. If we sell you our land, love it as we loved it, care for it as we've cared for it, and with all your strength, with all your might, and with all your heart -- preserve it for your children, and love it as God loves us all. One thing we know -- our God is the same God. This earth is precious to Him. Even the white man cannot be exempt from the common destiny.

"His father's graves and his children's birthright are forgotten. His appetite will devour the earth and leave behind only a desert. The sight of your cities pains the eyes of the red man. But perhaps it is because the red man is a savage and does not understand....

"There is no quiet place in the white man's cities, no place to hear the leaves of spring or the rustle of insects' wings, but, perhaps because I am a savage and do not understand -- the clatter only seems to insult the ears. And what is there to life if a man cannot hear the lovely cry

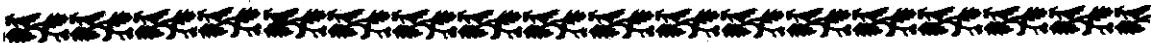
of a whipporwill or the argument of the frogs around a pond at night? The Indian prefers the soft sound of the wind darting over the face of the pond and the smell of the wind itself cleansed by a midday rain, or scented with a pinion pine. The air is precious to the red man, for all things share the same breath -- the beasts, the trees, the man. The white man does not seem to notice the air he breathes. Like a man dying many days, he is numb to the stench.

"If I decide to accept, I will make one condition. The white man must treat the beasts of this land as his brothers. I am a savage and I do not understand any other way. I have seen a thousand rotting buffalo on the prairies, left by the white man who shot them from a passing train.

I am a savage and I do not understand how the smoking iron horse can be more important than the buffalo that we kill only to stay alive. What is man without the beasts? If all the beasts were gone, man would die from great loneliness of spirit, for whatever happens to the beast also happens to the man. All things are connected. Whatever befalls the earth befalls the sons of the earth."

by George Bryant

Reprinted from THE TORONTO STAR,  
Jan. 4, 1975



#### NOTICE

#### MASTER COURSE - NORTHERN ILLINOIS UNIVERSITY

A contract between NIU and COEO has been signed for two more courses.

1. Course CIEO 521 - Outdoor Interpretation  
- Instructor - Sonia Vogl

This program is designed to develop the rationale for interpretation as well as techniques and strategies for understanding our natural cultural and historic heritage. Participants will develop their own interpretation project as part of the class work. Visits will be made to natural, historical and cultural sites in southern and central Ontario.

Dates: - Sept. 19-20, 1981  
- Oct. 17-18, 1981 - overnight  
- Oct. 31-Nov. 1, 1981  
- Nov. 14-15, 1981

2. CIOE #590 - Workshop in Outdoor Education  
- Spring, 1982  
- Instructor - Prof. Bud Wiener

# DATEBOOK



## **"LEARNING FOR TOMORROW'S WORLD"**

An International Conference on  
Education and the Environment

**HAMILTON PLACE CONVENTION CENTRE  
Hamilton, Ontario  
1982 October 20-23**



# MTRCA

## 1981 CALENDAR OF EVENTS AND ACTIVITIES

<u>DATE</u>	<u>EVENT</u>	<u>TIME</u>	<u>LOCATION</u>
June 7	Rogationtide Service	2:00 p.m.	Black Creek
June 21	Day of the Escarpment	10:00 a.m. to 4:00 p.m.	Glen Hady
September 6	Outdoor Hymn Sing	6:30 p.m.	Black Creek
September 19	Pioneer Festival	10:00 a.m. to 4:00 p.m.	Black Creek
November 1	Retriever Trials	10:00 a.m. to 4:00 p.m.	Claireville
November 8	Labrador Trials	10:00 a.m. to 4:00 p.m.	Cold Creek
November 21- January 3	Christmas Program		Black Creek
December 6	Retriever Trials	10:00 a.m. to 4:00 p.m.	Claireville
December 6	Ski Open House	11:00 a.m. to 3:00 p.m.	Albion Hills
December 13	Labrador Trials	10:00 a.m. to 4:00 p.m.	Cold Creek

For further information call

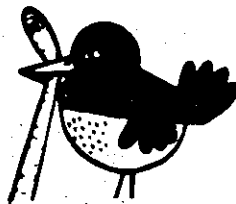
(416) 661-6600

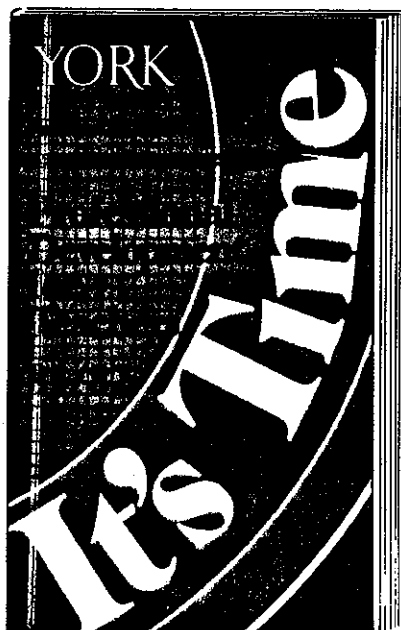
KORTRIGHT CENTRE FOR CONSERVATION

Pine Valley Drive, Kleinburg

The Kortright Centre for Conservation is located just south of Kleinburg, off Major Mackenzie Drive, on Pine Valley Drive, in the town of Vaughan. On 400 acres of rolling Humber Valley terrain, is situated the main Kortright Centre building, a multi-level structure with a theatre and various exhibits and displays which reflect the key themes of the Centre-forest, wildlife, land and water. There is an operating sawmill, a bee house, maple syrup operation and a managed wildlife marsh.

A year round program of special Sunday features, available between 10:00 a.m. and 4:00 p.m. has been developed for the public at the Kortright Centre for Conservation. The program is designed to meet the interest of visitors seeking outdoors enjoyment and embraces a wide range of conservation and recreation activities.





## ENVIRONMENTAL SCIENCE

MINISTRY ADDITIONAL QUALIFICATIONS  
B.ED (IN-SERVICE) DEGREE  
UNIVERSITY CREDIT COURSE

**Summer/81 July 2-24**

ED/EVS

Part 1, Part 2 at

Vivian Outdoor Centre

Ballantrae, Ontario

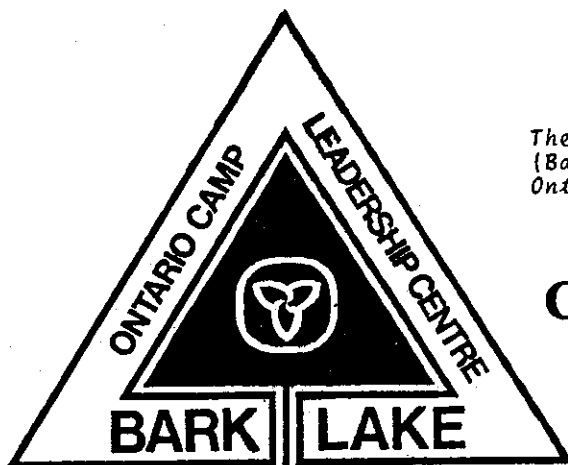
Highway 48, East of Aurora

**Fall/Winter 81/82 (York Campus)**

ED/EVS

Part 1

For information write:  
The Office of Student Programmes,  
Faculty of Education,  
N801 Ross Building, York University,  
4700 Keele Street, Downsview, Ontario M3J 1P3  
or telephone (416) 667-6305



MINISTRY OF CULTURE AND RECREATION

*The Ontario Camp Leadership Centre  
(Bark Lake) offers the teachers of  
Ontario an opportunity to develop*

## OUTDOOR SKILLS

August 25 to September 4, 1981

*This eleven day course offers instruction in canoeing, sailing, rock climbing, environmental, craft, leadership, orienteering and waterfront skills plus much more. Sessions are designed to meet the needs of elementary and secondary school teachers, conservation and field centre staffs.*

**\$70** cost includes all instruction, accommodation and meals.

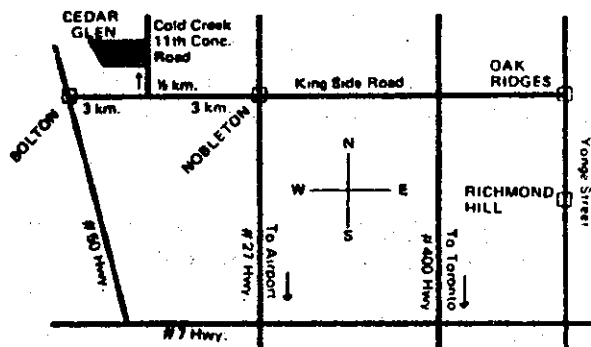
For more information and/or  
application forms, send to

Teacher's Skills Course  
Recreational Services  
Ministry of Culture and Recreation  
8<sup>th</sup> Floor, 77 Bloor Street, West  
Toronto, Ontario. M7A 2R9

# COEO '81 PRE-CONFERENCE

## SEMINAR

Your C.O.E.O. Conference and Pre-Conference seminar will be held at Cedar Glen Conference and Outdoor Education Centre, Bolton, Ontario. Cedar Glen is located 1 km North of the King Road on the 11th Concession of King Township, (midway between Nobleton and Bolton)



The Pre-Conference Seminar recognizes the International Year of the Disabled Person. Sessions will focus on this theme and information available will be of interest to all; whether working with the handicapped or in the Out-of-Doors.

## Program

- Thursday September 24
- 16:00 - Registration
  - 20:00 - Keynote Speaker  
(Dr. Ernest Coons - Professor,  
New York State University)
  - 21:00 - Wine and Cheese & Special Snack
- Friday September 25
- 8:00 - Breakfast
  - 9:00 - Session #1
  - 10:30 - Session #2
  - 12:30 - Lunch
  - 13:30 - Special Speaker - "Whipper" Billy Watson
  - 15:00 - Session #3
  - 17:30 - Special Supper - Steak Bar-B-Q  
(for Pre-Conference Seminar  
Delegates only)

# COEO '81 PRE-CONFERENCE SEMINAR

## "Outdoor Education and the Handicapped"

### Agenda - Thursday, Sept. 23, 1981

- Registration - 4:00 - 6:00 p.m.
- Keynote Speaker - 7:30 - 9:00 p.m. - Dr. Ernie Coons  
"Outdoor Education for the Disabled".
- Reception - 9:00 p.m. - Wine and Cheese - Cash Bar

### Friday - Sept. 24, 1981

- Breakfast - 8:00 a.m.
- Half Day Sessions - Morning - Leave at 9:00 a.m.
- (a) Tour to C.A.R.D. (Community Association for Riding for the Disabled).
- (b) Simulation Activities - "A method not an answer"
  - Dennis Weyland - Waterloo County - A field work session with recommendations for COEO.

Session I - 9:00 - 10:30 a.m. (a) - Murray Powell  
Canadian National Institute for the Blind.

(b) - Dori McKinnon  
Ontario Crippled Children's Centre.

Session II - 10:45 - 12:00 (a) - Nature Trails for the Disabled

(b) - Outdoor Education and the Multi-Handicapped.

- 12:30 - Lunch

- 1:30 - 2:00 - Guest Speaker - "Whipper" Billy Watson  
Ontario Society for Crippled Children.

Session III - 2:00 - 4:00 p.m.

(a) "Flat but not Unlimited" - Programs close to schools -  
A field work session - Brent Dysart  
Waterloo County Separate School Board

(b) Innovative Directions for the Handicapped Outdoors  
- Dr. Ernie Coons - a field work session

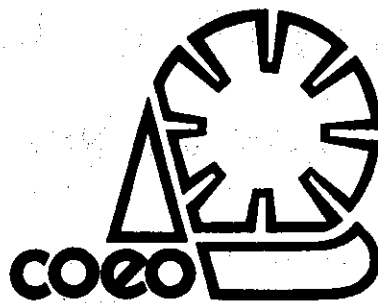
(c) - March of Dimes - "Outdoor Recreation for Handicapped".

4:00 - 4:30 - Festival of New Games with some special adaptations for  
handicapped persons.

4:30 - 5:00 Wrap Up - Recommendations from sessions on Outdoor Education  
for the handicapped will be presented briefly for COEO  
consideration.

5:00 - Cash Bar

5:30 - Special B-B-Q Dinner.



**COUNCIL OF OUTDOOR EDUCATORS OF ONTARIO**

# **«TAKING THE NEXT STEP»**

## **11th Annual Conference**

***SEP7. 25, 26, 27, 1981***

**CEDAR GLEN, BOLTON, ONTARIO**

***Pre-Conference focus for the  
Year of the Disabled***



# Registration Form

## COEO '81 PRE-CONFERENCE SEMINAR

September 24 - 25, 1981

*Cedar Glen Conference and Outdoor Education Centre  
Bolton, Ontario - LOP 1A0*

Name ☐ Mr. ☐ Miss ☐ Ms. ☐ Mrs. \_\_\_\_\_

Address \_\_\_\_\_

Telephone \_\_\_\_\_ Home \_\_\_\_\_ Business \_\_\_\_\_

Region \_\_\_\_\_

Membership No. 82-

Fees - \$50.00

(includes accommodation; Plan 'D' Meals and Program - Thursday evening to Friday Supper)

Amount enclosed \_\_\_\_\_

*Send Registration Form and Cheque to:-*

Debra MacEachern

R. R. #4, Tottenham, Ontario - L0G 1W0

(416 - 936 - 4340)

*Make Cheque payable to C.O.E.O. '81*

Note:- *If you are attending the Conference as well, please transfer the amount to the other form*



## “TAKING THE NEXT STEP”

September 25 - 27, 1981

Mr.  
Miss  
Ms.  
Mrs.

Name \_\_\_\_\_

Address \_\_\_\_\_

Postal Code \_\_\_\_\_

Telephone Home \_\_\_\_\_ Business \_\_\_\_\_

Region \_\_\_\_\_ Membership No. 82- \_\_\_\_\_

### ***Fees***

Please complete the following:

CONFERENCE FEE	Member - \$30.00, Non Member \$40.00
Student Member - \$20.00, Non Member \$30.00	

**ACCOMMODATION and MEALS** (no part or combination packages available)

PLAN 'A' Cabins or tenting	-	\$50.00
PLAN 'B' Dormitory	-	\$60.00
PLAN 'C' 2 per Room	-	\$65.00
PLAN 'D' 2 per Room Private Washroom	-	\$70.00

MEMBERSHIP (if applicable)

Regular	- \$15.00
Student	- \$ 8.00
Family	- \$25.00

(please attach membership form)

LATE FEE (postmarked after Sept. 14) - \$10.00

Total Conference Fee \_\_\_\_\_

Pre-Conference Fee \_\_\_\_\_

**Grand Total** 1,000,000

Deposit - \$20.00 (non-refundable)

**Balance Due** \_\_\_\_\_

**Signature** \_\_\_\_\_

If you have made arrangements to share accommodation with others; please state their names:

Early Registration (before Sept. 14) will mean your name will be entered in our Grand Draw

Make Cheque Payable to:-  
C.O.E.O. '81

**Send Cheque and Registration Form to:-**  
Miss Debra MacEachern  
R. R. #4, Tottenham, Ontario - LOG 1W0  
(416 - 936 - 4340)

# 11th Annual Conference

## ACCOMMODATIONS:-

Plan 'A' Rustic cabins (small, unheated with bunk beds)  
and / or

### Tenting

Plan 'B' Dormitory - 20 per room with common washroom

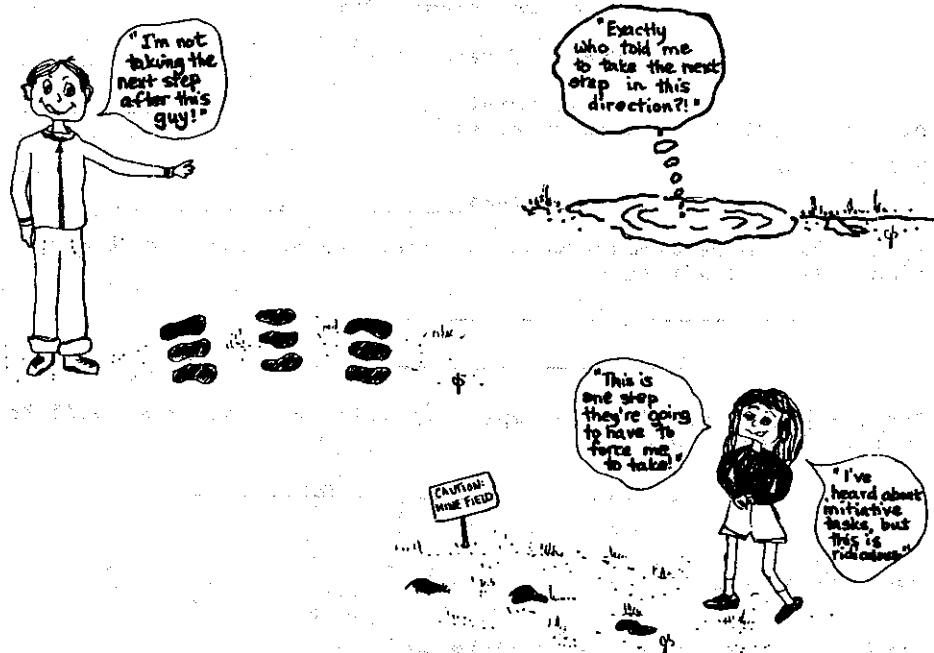
Plan 'C' Semi private - 2 per room with common washroom

Plan 'D' Private - 2 per room with private washroom

Note:- Meal package is the same regardless of the type of accommodation chosen.

## «TAKING THE NEXT STEP»

It is the wish of the Conference Planning Committee that delegates will be able to "Take the Next Step" in their development of skills, knowledge, attitudes and enthusiasm for Outdoor Education.





# "TAKING THE NEXT STEP"

## Program

Friday, September 25, 1981

- 16:00 - Registration
- 20:00 - Keynote Speaker - "Whither the Next Step",  
Lloyd Fraser
- 22:00 - Wine and Cheese Party (Cash Bar)
- 23:00 - Wolf Howl

Saturday, September 26, 1981

- 8:00 - Breakfast
- 9:00 - Sessions
- 10:30 - Sessions
- 12:30 - Lunch
- 13:30 - Sessions
- 15:00 - Sessions
- 17:00 - Regional Meetings
- 18:00 - Cocktail Hour (Cash Bar)
- 19:00 - 'Hip of Beef' Buffet Supper
- 21:00 - Special Speaker - Stephen Lewis  
- Entertainment
- 22:00 - Dancing  
- Square Dancing

Sunday, September 27, 1981

- 8:00 - Breakfast
- 9:00 - Sessions
- 10:30 - Sessions
- 12:00 - Annual Meeting
- 13:00 - Lunch
- 14:00 - Departure

### SESSIONS

#### Full-Day Tours

1. Urban Studies Tour of Toronto
2. Holland Marsh and Lowland Tour

#### Half Day Activities

1. Trail Riding
2. Special Tour of C.A.R.D. facilities (Riding for the Disabled)
3. Colour Photography
4. Watercolour Painting

5. The Boreal Bog
6. Plants and Shrubs - Their Uses for the last 500 Years
7. Tour of the Kortright Centre for Conservation
8. Presentation by Society of Environmental and Energy Development Studies
9. Tour of McMichael Art Gallery
10. Preparation of Special Slide Presentations
11. Target Shooting Sports
12. A Talk with an Old Time Mennonite
13. Ropes Courses and Initiation Tasks
14. Orinthology
15. Black and White Photographs
16. Art and Design in the Out-of-Doors

#### Quarter-Day Activities

1. Outdoor Activities in Quebec
2. Nature Walk Techniques
3. Pioneer Projects - Outdoors
4. O.B.I.S. Material and how to adapt it to your curriculum
5. Grass Skiing
6. Lifestyle Alternatives
7. Intermediate Science Outdoors
8. Study of Fossils
9. Outdoor Education in the Schoolyard
10. The French Language and Outdoor Education
11. Ecological Activities
12. Ministry of Natural Resources - Outdoor Education Kit
13. Secondary School Physical Education Outdoors
14. The Blind and the Outdoors
15. Energy Education
16. Soapstone Carving
17. Operation Drake
18. Composting and Organic Gardening
19. Environmental Songs
20. Packaged Programmes
21. Exploring the Arctic
22. Woodcraft with Omer Stringer

# NOMINATIONS INVITED

## ROBIN DENNIS AWARD

As a final tribute to Robin Dennis, one of the great Canadian Leaders leaders in outdoor education, the Island and The Boyne River Natural Science Schools provide an annual award in his name to any programme or person in Ontario that has made an outstanding contribution in the field of outdoor education. 1981 will mark the sixth time the award will be presented. The ceremony will be part of the annual conference this fall.

Members are encouraged to forward names of nominees. Nominations should contain the name and address of the nominee(s) and a description of the basis for the nomination. Deadline for receipt of nominations is June 20, 1981.

Previous recipients are:

- 1976 Murray Finn - Editor of the C.O.E.O. Newsletter
- 1977 Toronto Island School, accepted by Chuck Hopkins
- 1978 Ron Frenette - Editor of Anee
- 1979 Ralph Ingleton
- 1980 Bob Pieh - McArthur College of Education

Send nominations to:

Lloyd Fraser  
5050 Yonge Street  
Willowdale, Ontario  
M2N 5N8

## EXECUTIVE OF COEO

According to our constitution, the Advisory Board shall be composed of a six-person Executive Committee and five Regional Representatives.

This year, two members of C.O.E.O.'s Executive Committee are retiring. Any member in good standing may submit nominations for these positions to the Nominating Committee, provided that such nomination be accompanied by the written consent of the nominee and be received by the Nominating Committee prior to June 20, 1981.

Send nominations to:

Lloyd Fraser  
5050 Yonge Street  
Willowdale, Ontario  
M2N 5N8

# Experiential Learning



## DISCOVERING NEW HORIZONS

Discover the dynamic city mosaic of Toronto and the diversity in its surrounding countryside. Harbourfront combines natural outdoor settings with unique adaptive structures on the shores of Lake Ontario.

**EXPERIENCE '81—COME CELEBRATE WITH US**—featuring stimulating learning approaches in adventure and outdoor challenge; environmental and multicultural concerns; the arts and cultural journalism; alternative, traditional and community school environments; urban studies; special education; correctional programs, etc.

**PRE-CONFERENCE, September 27 to 30:** Choose from 30 intensively structured programs across Ontario—canoe in Quetico Provincial Park, or discover the mystery behind the Group of Seven's involvement in rugged Canadian wilderness; live the pioneer life at Cold Creek; tour the city; experience the top of the CN Tower.

**HARBOURFRONT, September 30 to October 3:** An innovative conference design involving resources from across Canada and the U.S.A., in the association's tradition of direct experience, good work, relaxation and celebration:

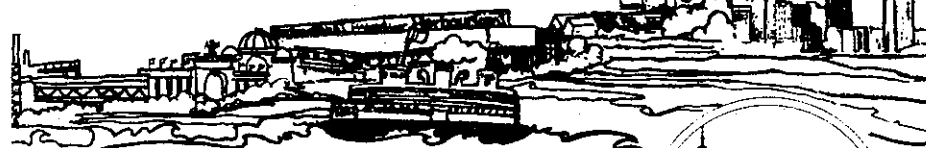
Model program presentations	Special interest gatherings
Skills development workshops	Dialogue with invited guests
Art & book exhibits	Film festivals
Theatre, Dance, Music	Boat trips

Conference Fees: from \$65.00 to \$80.00

**ACCOMMODATION:** Carlton Inn, 30 Carlton St., Toronto M5B 2E9

Daily rates: Single	\$35.95
Double	\$39.95
Triple	\$43.95

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# POT POURRI

## EXPEDITIONS : EDUCATION AND ADVENTURE

Dr. John S. Marsh  
Trent University

Historically, expeditions have been an important means of acquiring knowledge about the earth. Even uneducated travellers in unknown lands would remember something of the places they visited, thereby contributing to the wealth of popular geographic information. Scientifically trained explorers provided more accurate and detailed knowledge, particularly when part of expeditions with specific scientific objectives. Our remembrance of their names: Darwin, Humboldt, Agassiz, Hector and Douglas, is indicative of their significance. They are recognized not only for their contributions to our understanding of the natural world but because their work involved hardships, and the risks and challenges of penetrating unknown country.

Today, most of the globe has been visited by man and some information can be acquired by air and satellite photography. However, there are still areas, especially in Canada, that remain unvisited for decades and about which little is known. There is still a need for detailed field research to verify remotely-sensed information and to obtain additional data and samples. Many of the unknown areas remain relatively inaccessible and today's scientific explorers must still contend with rigorous climatic conditions, dangerous river and glacier crossings, thick and disorienting bush, grizzly bears and mosquitoes. Thus, expedition research remains necessary and challenging.

Because expeditions provide education and adventure, they are particularly appealing to students and can be a useful means of geographical and environmental instruction. Expeditions also contribute to leadership, organization and social skills. They encourage students to be self-reliant and competent to survive in wilderness, as well as improving their knowledge of different parts of Canada. The best expeditions also contribute geographic information that is of public interest and use.

The value of expeditions for students has long been recognized in Britain where many schools and universities have exploring societies and coordinating bodies, such as the Young Explorers Trust, serve to promote the idea, raise funds and disseminate information. Specific organizations, such as the Bratinay Exploration Group, exist to provide expedition experience on a non-profit basis. The general public, government and corporations, ever aware of the achievements of Livingstone, Scott and Hunt -- recognize the value of expeditions and support them.

In Canada, field research is usually left to government and

university scientists, student activities being confined to day field trips or hiking and canoeing adventures. Few scientific exploration societies exist, there is no organizational infrastructure to promote expeditions, and few expedition funding sources. However, schools, summer camps, and some commercial wilderness trip organizers are beginning to take more interest in the student scientific expedition idea and the Canadian Exploration Group (C.E.G.) now has five years of expeditions and experience behind it.

The C.G.E. is an organization established to promote scientific expeditions in Canada and abroad. Founded in 1974, it is a non-profit citizens group based in Peterborough. During the last five years it has run seven expeditions, involving some 125 men and women, between 17 and 55 years of age. Expeditions have visited the Selkirk and Monashee Mountains of B.C., northern Ontario and Labrador. Mountains have been climbed, rivers run and icy lakes crossed, while research has included glacier survey, wildlife inventory, botanical collections, historic site investigation, cave exploration and meteorological study. Several reports and numerous publications describe the expeditions and research, and recommendations have been made to various planning agencies and conservation groups. Contributions of photographs, data or specimens have been made to the Canada Glacier Inventory, the Royal Ontario Museum, B.C. Provincial Museum, and Trent University Herbarium.

A comment is desirable on logistics and funding. C.E.G.'s philosophy is to have all expedition members contribute to the organization of the expedition, which usually takes at least six months. Expeditions last two to four weeks, then considerable time is required to analyse data and prepare articles and reports. As many participants are new to expedition and research procedures, competent, enthusiastic and persistent academic and organizational leadership is essential at all stages. Finding such volunteer leaders is difficult and is the main factor inhibiting expedition development.

The demand for expedition places is enormous, the C.E.G. having received 10 applications a day at some periods. People self-select themselves for expeditions, but a detailed application form, the requirement of pre-expedition work, down payments, a medical check and trial weekends all facilitate further selection. Expeditions, funded largely by the participant, cost on average \$250-\$350 per person, which includes local travel, food, base camp and scientific equipment. Additional expenses for helicopter services, equipment rental, shipping, publicity and publishing are met by securing grants from student organizations, corporations, private donors, government departments and the Royal Canadian Geographical Society.

Decades of experience in Britain, that of the Canadian Exploration Group, and evaluations by expedition members, indicate that student scientific expeditions are an appealing, feasible and successful method of environmental education that produces many personal and public benefits.

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The Canadian Exploration Group has provided leadership in this field in Canada. Hopefully, more leaders, groups and an organizational infrastructure will soon emerge to enable the fullest exploitation of the expedition approach to education and adventure that seems so suited to this time and country.

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## Regional News

### NORTHERN REGION

A new executive was elected at the March Meeting.

President: Beth Allen

Treasurer: Ed Maynard

Advisory Board: Sylvia Humphries (continues.)

Many thanks to those who served in the first half of the year.

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To stimulate interest in the Northern Region, we are hoping to have one day and weekend outings. If you are planning an outing and would like a few new friends, please send the details along to:

Beth Allen,  
c/o South Regional Office, S.C.B.E.,  
92 Patterson Road,  
Barrie, Ontario.

We will send out a list of outings in the newsletter with times, places, costs and contacts.

## ROUGE IN FIGHT FOR SURVIVAL

By Mark Bromfield

The last healthy river system in Metropolitan Toronto is facing increasing pressure from development as the city grows around the Rouge River Valley.

Natural wildlife and vegetation thrive in the valley, fish swim in the marshes and biologists feel there may be areas that should be preserved from progress.

But every municipality owning land in or near the watershed has plans for further development, and that could turn the Rouge River into an artificially maintained park instead of the natural wildlife haven it now is.

Development in Pickering, Markham, Richmond Hill and Whitchurch-Stouffville in the next few years will need outlets for waste and storm water runoff.

People in Scarborough, especially in the fast-developing Malvern district, will need parkland space for relief when the city becomes too much.

### In the hands of man

When that finally happens, a river that has survived farmers' pesticides, a grandiose scheme in the 1920s to turn the Rouge into the Venice of the north and regular Coney Island-type festivals at its mouth may find its management and survival completely in the hands of man.

Since the river and its many tributaries run through several municipalities and several provincial and federal ridings, there is no one government authority that has complete control over its future.

Environmental experts say the river is now relatively healthy, although counts of fecal bacteria are high and the turbidity (good old-fashioned muddiness) is on the rise.

Save the Rouge Valley System, an environmental group, maintains the river will be adversely affected by indiscriminate development.

Ontario biologist John Riley wants several spots in the lower Rouge officially designated environmentally "significant" and the natural state maintained to protect several species of rare plants he has found there.

### Pristine water 'impossible'

But the 10 spots Riley named in 1978 are not enough to save the valley as the lower Rouge may be more difficult to preserve in a natural state than some other areas of the valley.

John Raulston, head of trace contaminants for the water resources branch of the Ministry of the Environment, says maintaining water quality in any river in southern Ontario is difficult.



"The best thing may be some sort of compromise, he says, admitting there will never again be pristine water conditions in the Rouge River.

Meanwhile the pressure to develop usable land intensifies as the price of housing soars.

In north-east Scarborough, for instance, the final phase of the Malvern community is finally being processed despite some claims storm run-off and the presence of greater numbers of people will destroy the natural setting.

Save-the-Rouge group has asked that Malvern development be held off to allow more testing of the impact of development.

#### Development justification

Scarborough Council won't act on the issue until later this summer, but a long-awaited Metro regional conservation authority report and a Metro planning department report on the upper Rouge will not be completed until next year.

Ward 5 Alderman Joe DeKort maintains the proposed Malvern development is badly needed and poses no environmental danger to the river.

DeKort says more development is needed in his ward to justify building the Light Rail Transit System, a \$6 million recreation complex and a multi-million-dollar shopping complex.

"I will do everything possible to push this development through," he vows, while acknowledging the importance of environmental considerations.

Storm-water control, necessary because development has altered the water-table in the areas surrounding the river, has already been accommodated in the planning for the Malvern community, he says.

But Scarborough's attitude is only the tip of the iceberg for people like Lois James, founder of Save the Rouge Valley System.

#### Deterioration accumulates

Development outside Metro has been the primary culprit, James says, and even DeKort agrees.

As each municipality allows a little deterioration of water quality, the impact on the river builds up.

"I think politicians like Joe DeKort have a responsibility to the land as well as the people," says James, who once contended the Scarborough mayoralty.

Her group is mounting a publicity campaign to inform people about possible environmental dangers facing the valley from all sources.

One of the group's major demands is that responsibility for the entire system be put in the hands of one government body.

One Metro official maintains the Metro conservation authority

owns the land within Metro's boundaries, but Metro parks department manages it and Metro planning states what use can be made of the land.

#### Conflicting objectives

Now, while the planning department is calling for restriction on recreation on the lower Rouge and absolutely no development, the parks department is planning to open the upper portion with jogging trails and campsites.

Meanwhile the Rouge River valley, while secure as a Metro parkland, may lose its identity as a natural wildlife sanctuary.

"That would be a shame," says James.

## BOOKS - MAGAZINES - FILMS

**Wilderness Now: A Statement of Principles and Politics of the Algonquin Wildlands League (Third revised Edition, 72 pages, \$6.00 including postage.**

The tone and quality of this book is evident from the dedication, to the memory of a wilderness guide whose memorial fund made the publication possible, and to Charlie Cragg and Doug Pimlott, two former Directors of the League who made enormous contributions to the environmental movement in Canada. The thoughts and research of these individuals haunt every page because it was their hope that Wilderness Now would "generate knowledge of and action for wilderness in Ontario and elsewhere."

The book contains a clear statement of what the Algonquin Wildlands League stands for, and why, by covering topics such as a definition of wilderness, the value of wilderness, and "the regrettable necessity for parks." It also contains a unique review of the history and politics of the battle for parks, as well as a remarkably objective analysis of Ontario parks policy as it now stands. The Appendices pull together many useful legislative and policy tools such as the Wilderness Areas Act, Provincial Parks Act, Ontario Provincial Parks policy, Crown Timber Act, and much more.

This publication is very nicely designed and superbly illustrated with photographs by Bruce Littlejohn and Charlie Cragg. Charts and maps abound. For the interested student of wilderness policy, or the embattled veteran who has been through a few of these issues on a personal basis, this is a well-written, unique and important resource.

Monte Hummel  
Executive Director  
WORLD WILDLIFE FUND (CANADA)

Available from: The Algonquin Wildlands League,  
P.O. Box 114, Postal Station Q,  
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