

# TORONTO FIELD NATURALIST

Number 412

May 1990



Turtlehead (*Chelone glabra*), Don Valley

## Inside

- Amphibians & reptiles 14,18
- Birds 10,14,16,17-18
- Coming Events 27-29
- Ethics 8,41
- Fishes 18
- For listening 14
- For reading 13-15
- Health - eye burns 22, Lyme disease 11-12, lightning 23, pesticides 19-20, poisonous plants 13,41 skin cancer 8
- Invertebrates 11-12,14,18,26,36
- Issues 19-20,21-22,29,3-4
- Mammals 18
- Plants 1,4,9,13-15,19-20,21,24, 30,41
- TFN - meetings 2
- nominating committee report 5
- outings 9-12,31-41
- President's report 3
- projects 2, publicity 6
- RENEWAL TIME 41
- Weather 23-26

## TFN MEETINGS

### General Meeting

Monday, May 7 at 8 pm - THE STORY OF SOUTH AFRICAN FLOWERS,  
illustrated with colour slides  
by Dr. N.P. Badenhuizen, Emeritus Professor  
of Botany. U of Toronto

- + from 7 pm to 8 pm (our social hour) - a display of the artwork of Betty Greenacre
  - a display from Todmorden Mills Museum (see pages 29, 30)
- + an opportunity to purchase TFN publications, hasti-notes, prints of selected newsletter covers, pins, decals and crests
- + easy TTC access (building is one block west of Queen's park subway station)
- + free parking in the Board of Education garage on the west side of McCaul Street just south of College Street

NEXT GENERAL MEETING: Tuesday, September 4, 1990  
TFN Annual General Meeting + a program of slides from the TFN photo library by Robin Powell

### Group Meetings

Bird Group, Botany Group and Environmental Group meetings will resume in October 1990.

## PROJECTS

Nature Information Centre in Sunnybrook Park - see page 4

Discover the Wild Don - a major exhibit at Todmorden Mills - see page 29

### Editorial Committee

Helen Juhola (924-5806) 112-51 Alexander St., Toronto M4Y 1B3  
Diana Banville (690-1963) 710-7 Crescent Place, Toronto M4C 5L7  
Eva Davis (694-8928) 203-1080 Kingston Rd., Scarborough M1N 1N5  
Eileen Mayo (445-4621) 405-44 Stubbs Dr., Willowdale M2L 2R3  
Toshi Oikawa (425-3161) 1063 Pape Ave., Toronto M4K 3W4  
Harold Taylor (225-2649) 264 Horsham Ave., Willowdale M2R 1G4

Please submit notices, reports, articles (up to 1,500 words in length) and illustrations at least six weeks before the month in which the event is to take place or the material is required to appear. Please include address and telephone number so submissions can be acknowledged.

Send news clippings to Louise Herzberg, 59 Hillside Dr., Toronto M4K 2M1

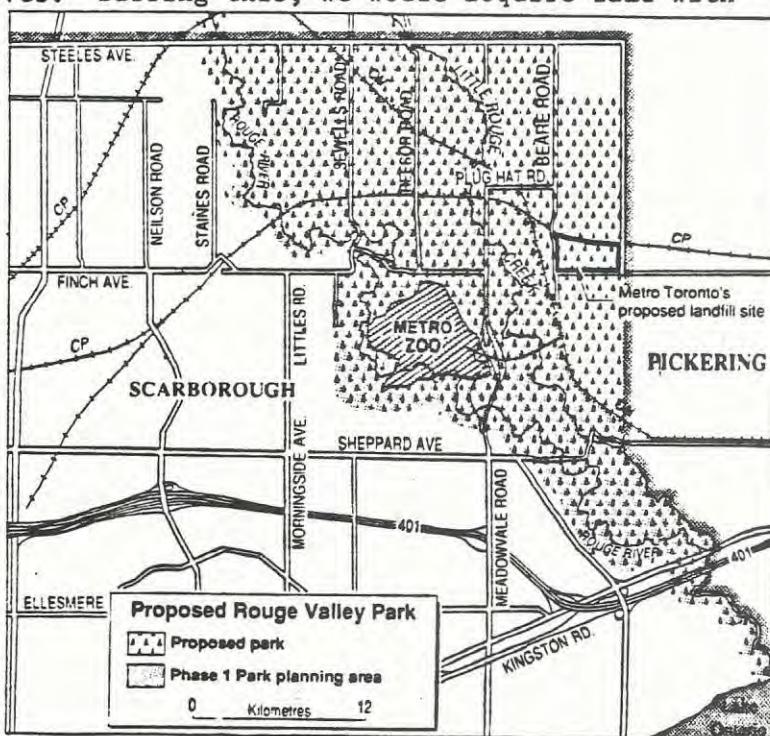
## PRESIDENT'S REPORT

There's much to write about. What a pleasant shock about the Rouge Park! The only thing to mar this extraordinary action is the plan to put a "temporary" landfill somewhere in this area. What possible interpretation can we place on "temporary" and does the Province have any idea what is involved in relocating a landfill? These aside for the moment, write the Premier of Ontario to congratulate the Government of Ontario for this historic decision. Persistent pressure applied by the public and special interest groups for preservation of the Rouge River area contributed to this historic action.

TFN executive members have not been idle. We feel strongly that both to better understand the issues and influence the decision-makers, TFN representatives must make more face-to-face contact with those senior public officials that are involved with the broad range of Metro Toronto's environmental problems. To this end, we recently met with the Hon. David Crombie, who heads the Royal Commission on the Waterfront, to outline what assistance the TFN could give him to ensure that the waterfront becomes more green and accessible. We took this opportunity to get his advice on how the TFN could be more effective in achieving its goals. It was time well spent. His extensive knowledge of the waterfront issues and association with the key players allowed him to give us many practical suggestions for the TFN to have a more effective participation in Metro Toronto's environmental issues.

We're on the prowl again. Generous donations, a large bequest, and especially the inexorable effects of compound interest, have placed the TFN in a position to acquire more land as part of our nature reserve program. Costs permitting, we would like to acquire land to bridge the two existing nature reserves. Barring this, we would acquire land with habitat(s) not already present in our existing lands. As these two parcels of land are the major fixed asset of the TFN, we are going to get aerial photos with the help of Mr. Lou Wise. I hope to show these soon at a monthly general meeting. Don't miss the two outings planned for the reserves on Saturday, June 16 and Saturday, September 8.

It's "no go" for the present on the use of recycled paper for the TFN newsletter. Few sources of supply, paper costs, and



from the GLOBE AND MAIL, March 26, 1990

PRESIDENT'S REPORT (cont'd)

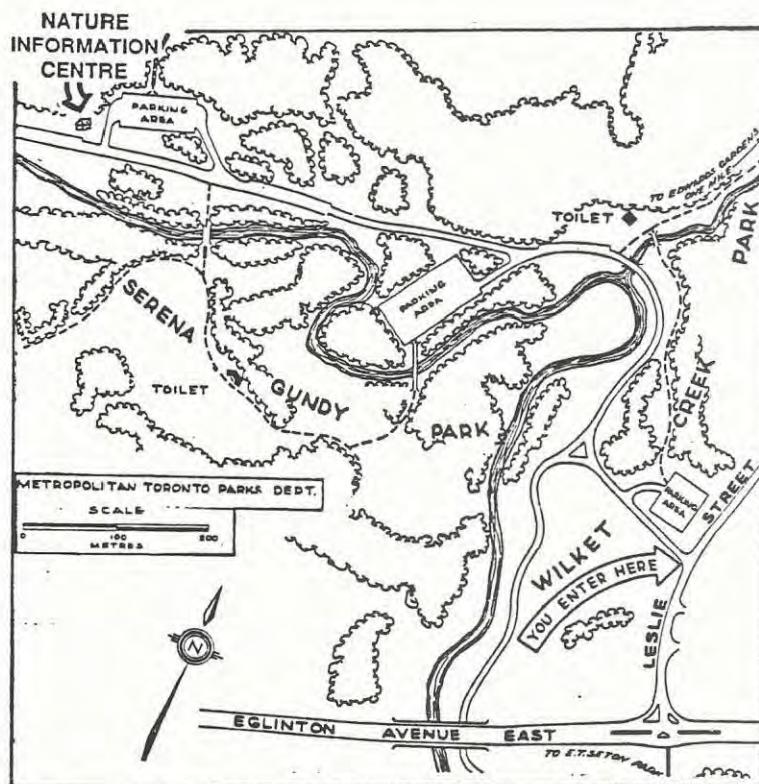
printing quality problems are presently against us. Nevertheless, your Board is committed to use recycled paper when the situation improves.

The Bird Group has a new leader - Mary Noad. At the last meeting, well attended, there were many suggestions for this group's future activities. This promises an interesting and varied program for the future.

Robin Powell



NATURE INFORMATION  
Open Sunday afternoons  
12 noon to 4 pm  
May 6 to October 7  
Free maps, displays,  
information.  
To volunteer, call  
Helen Juhola 924-5806  
or  
Eileen Mayo 445-4621.



Unfortunately, the commercial spread of undesirable alien plants did not end with the nineteenth century. The renewed interest in seed mixtures of "wildflowers" also has the potential for spreading alien species. Purveyors of these packets or cans of seeds often do not discriminate between native and alien species. How many more local naturalizations will occur as nature enthusiasts unwittingly sow these seeds? Introducing an aggressive weed is much like opening Pandora's box; once established, such a plant is virtually impossible to eradicate.

from "Catalog of Woes" by Richard N. Mack in NATURAL HISTORY, March 1990

## REPORT OF THE NOMINATING COMMITTEE

The Nominating Committee consisting of Phil Joiner (chairman), Robin Powell and Helen Juhola recommends the following slate of nominees to the Board for the 1990-91 year:

President:	Eileen Mayo
Vice President:	Joan Patterson
Immediate Past President:	Robin Powell
Directors due to retire in 1991:	Melanie Milanich Eva Davis Helen Juhola
Directors due to retire in 1992:	Dennis Clarke Aarne Juhola Nancy Fredenburg
Directors due to retire in 1993:	Allan Greenbaum Karin Fawthrop Ken Cook

TFN by-law No. 1, Section 5(g) provides that "any three members may submit, in writing, to the Secretary-Treasurer by July 15th the name of a candidate accompanied by the written consent of the nominee. Such nominations shall be published in the September issue of the newsletter and the names of such nominees shall be added to the list of candidates submitted by the Nominating Committee". The Secretary-Treasurer is Aarne Juhola, 112 - 51 Alexander St., Toronto, Ont. M4Y 1B3.

According to TFN by-law No. 1, Section 5(b), "If an election is required, it shall be by ballot mailed to all members. Ballots may be mailed to the auditor or deposited at the Annual General Meeting prior to the commencement of the meeting. The ballots will be tabulated by the auditor who shall announce the results".

**Introduction:** Ken Cook is an engineer. He has led a number of well-researched outings for TFN and has recently joined our outings committee. Ken is also a keen photographer and writer of haiku.

Phil Joiner  
Chairman, Nominating Committee

□

Bold yellow, deep blues,  
red and purple, gold and green,  
all hues; it's summer.

Warmth of sunshine on your skin,  
smile on face as days begin.

Haikai by J. Kenneth Cook

## PUBLICITY REPORT

In order to promote the TFN and to educate the public about the importance of preserving Metro Toronto's natural heritage, TFN provides displays and speakers (if possible) on request. Since September TFN has been involved in the following events:

At a Climate Warming Information Day sponsored by Charles Caccia two display units were provided and a number of members attended, enjoying the opportunity to represent TFN and hear a number of interesting speakers including Micheal Keating, formerly environmental journalist for the Globe and Mail.

At a Mennonite Senior Home in East York, Helen Juhola presented a slide show entitled "Discovering the Don" to a men's breakfast meeting.

In February, Louise Herzberg and Helen Juhola presented a slide show entitled "Art and Nature in the Don Valley" to the Don Valley Art Club. This was followed by them selling and autographing a number of copies of the TFN booklet "Todmorden Mills, a Human and Natural History".

Later in February, Melanie Milanich and Anna Leggatt attended the East York Community Development Council annual Parenting Fair with two display units. They were able to talk to and give TFN pamphlets to about 200 people attending this event.

In March, Robin Powell presented a slide show entitled "The Natural Perspective" to the Professional Engineers of Greater Toronto at a forum on the waterfront held at Ontario Place. Again a display unit was also provided. TFN received many compliments both on the slide show and the quality of the slides and our display.

A display unit is to be present at the Canadian Organic Growers conference entitled "Gardening without Chemicals". Several members will be present with the display to answer questions about TFN.

In early April, Karin Fawthrop will again take 2 display units to the Scarborough Board of Education "Environmental Marketplace".

Later in April a display unit and speaker will be provided at an environmental weekend organized by the First Unitarian Congregation of Toronto. The theme is to be "Save the Earth". TFN volunteers will be present to answer questions.

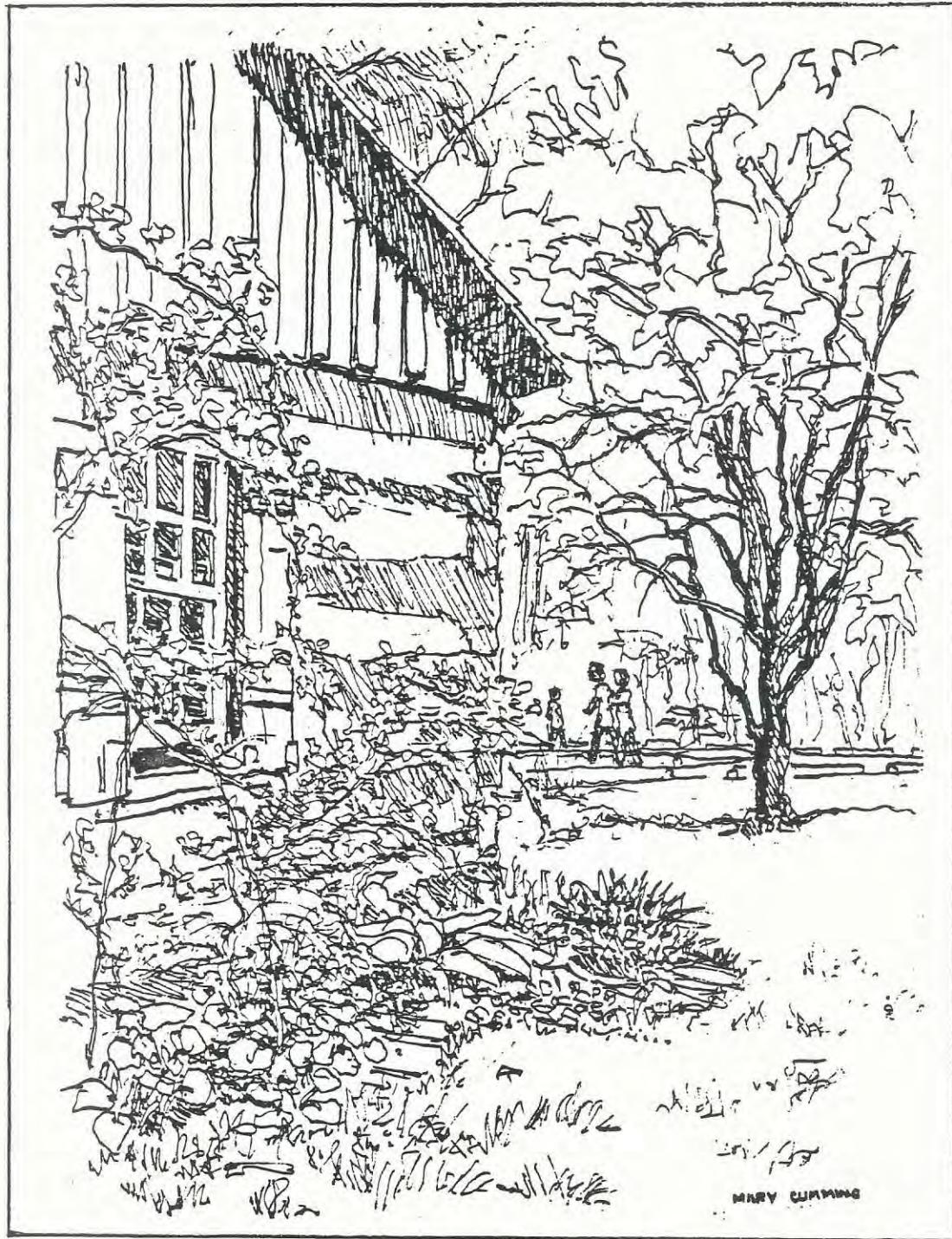
We also send out pamphlets about our activities and publications on request; for example, to the Planning Committee of the Ontario Association for Geographic and Environmental Educators for their annual spring conference in May.

The next big event TFN is involved in is our largest display ever: we are co-producing a display called "Discover the Wild Don" with and at Todmorden Mills Museum. (See page 29.)

And finally, and again, TFN will be present in the log cabin in Sunnybrook Park where we have provided nature information to the public since 1981.

If you want to get involved in our publicity program or are even willing to see that your local library has a supply of our pamphlets, do call.





MARY CUMMING

TFN NATURE CENTRE - Sunnybrook Log Cabin - May 3, 1987

Tiny green leafbuds  
weaving a veil overhead  
filter spring's sunshine.

haiku by J. Kenneth Cook

## A NATURALIST'S CODE OF ETHICS

Naturalists are a powerful force for nature conservation. Our numbers are continually increasing and we must take seriously our responsibilities to be good to the environment.

Points to bear in mind in our nature-watching activities:

1. The welfare of the environment must come first. Whatever our involvement with nature, remember that what's good for the ecosystem must be our number one concern.
2. Obey requests --
  - a) to stay on marked trails and off fragile steep slopes and wet areas.
  - b) to leave all specimens where they are so that others can enjoy them too. This means do not pick wildflowers, do not try to remove plants or disturb birds' nests, nor carry away insects.
  - c) to close gates.
3. Carry away any garbage.
4. Respect the rights and wishes of property owners.  
If you are leading a group, give advance notice of the visit, even if a formal permit is not required.
5. Respect the rights of other people in the countryside.  
Do not interfere with other people whom you meet. If it seems they are causing unnecessary disturbance to wildlife -- flora or fauna -- point this out in a courteous but firm manner. The non-naturalists' good will towards the environment must not be destroyed by the attitude of the naturalists.
6. Make notes, make sketches, take photographs, and take away happy memories.
7. Share the records of your observations.  
You will contribute to the store of knowledge built up by the meticulous record keeping of our predecessors.
8. Behave abroad as you would at home.  
Well-behaved naturalists can be good ambassadors for environmental protection.
9. Be good to yourself too.  
Always wear protective clothing, choosing garments which cover as much skin as possible. Waterproof footwear is recommended in all seasons.

### HOW TO HELP PROTECT AGAINST SKIN CANCER

- Avoid repeated over-exposure to the sun -- especially between 10 am and 3 pm.
- Wear protective clothing, such as long-sleeved shirts and wide-brimmed hats.
- Use a sunscreen containing PABA to absorb ultraviolet rays. These sunscreens are rated in strength, and the higher the number, the greater the protection;  
or Use a sun block preparation containing zinc oxide or titanium dioxide that will deflect ultraviolet rays.

from "Facts on Skin Cancer", published by the Canadian Cancer Society

## OUTINGS REPORT

Summer 1990 (May to August)

This summer TFN members and friends will have many opportunities to explore Metro Toronto and meet some of the 1,148 species of plants, 240 species of birds, 33 mammals, 12 amphibians, 13 reptiles, 65 fishes that are on our checklists. About 80 outings have been organized -- at least one every weekend, one evening a week, and one midweek walk every week. Most are labelled "nature walks" which means we will be looking at birds, wildflowers, trees, insects, mushrooms, whatever interests us, including history, landforms and environmental issues.

Once again we are encouraging members to leave their cars at home. (We are a conservation organization and cars are the biggest source of acid rain!!!) So get yourself a good map of Metro Toronto and a free Ride Guide and find out what a really interesting place Toronto is for a naturalist!

We are continuing our explorations of Toronto's waterfront on Wednesdays and our explorations of the Humber watershed in Metro every other Sunday afternoon. If you missed one of the earlier walks you will get another chance this summer as we start to repeat these two adventures in different seasons.

A special thanks to leaders and organizers of the outings: Sandy Cappell, Dennis Clarke, Joyce Cave, Mary Cumming, Ken Cook, Eva Davis, Phil Joiner, Eileen Mayo, Betty Paul, Robin Powell

H.J. ▷

### PURPLE FLOWERING RASPBERRY

*is the pride of Toronto ravines  
in late spring and early summer.*

*Isabel Smith's earliest sighting  
is June 10 in her records of  
flowering-times for this handsome  
shrub. One year the earliest  
bloom was June 22. It blooms  
up to about August 14, according  
to her records, although she has  
a single record for August 31,  
probably a single bloom.*

*The accompanying drawing was  
made on the site, July 4, 1981,  
in Lawrence Park, on a TFN  
Nature Arts Outing.*



## OUTINGS REPORT (cont'd)

- why?           • to learn the natural history of Toronto
- T           • to discover the "wilder" parts of Toronto
- F           • to meet others with interests similar to yours
- N           • a chance to visit areas where you shouldn't go alone
- outings
- how?        > buy a good map of Toronto (about \$3.00)
- > obtain a Ride Guide (free) from any subway station
- > if you still don't know how to get to an outing,  
                telephone the TTC (393-4636)
- tell them where you are; e.g. Bloor and Yonge
- tell them where you want to go; e.g. Steeles and Jane  
                and when you want to get there; e.g. Sunday at 2 pm
- > put on a pair of sturdy walking shoes and set out
- > read pages 8, 11, and 22 for advice on what to wear
- > don't forget to bring a notebook and pencil so you can  
                remember what to look up when you get home

H.J.

Comment: For further hints about how to enjoy TFN outings  
see the bottom of page 40.



THE WOOD THRUSH frequently breeds in Toronto Region according to the TORONTO REGION BIRD CHART. It prefers second-growth woodlands and has been slowly extending its range northward in this century according to Peck and James, BREEDING BIRDS OF ONTARIO.

This drawing was based on a photograph by Peter and Steve Maslowski, in NATURE SOCIETY NEWS February, 1989, trying out a "pointillism" technique using a .01 cm pigment-ink pen.



## OUTINGS REPORT (cont'd)

## HOW TO AVOID LYME DISEASE

What is it? Lyme disease is an illness caused by corkscrew-shaped bacteria called spirochetes that are transmitted to people by tick bites. Not all ticks carry the disease. However, local infection rates can be quite high in some tick species. The disease gets its name from the town of Old Lyme, Connecticut, where it was first described in 1975.

How to avoid tick bites. When in tick habitat (grassy, brushy, or woodland areas), several precautions can minimize your chances of being bitten by a tick.

- Tuck your pant legs into your socks. Tuck your shirt into your pants. Deer ticks grab onto feet and legs and then climb up. This precaution will keep them on the outside of your clothes, where they can be spotted and picked off.
- Wear light coloured clothing. Dark ticks can most easily be spotted against a light background.
- Inspect your clothes for ticks often while in tick habitat. Have a companion inspect your back.
- Wear repellents, applied according to label instructions. Application to shoes, socks, cuffs, and pant legs are most effective against deer ticks.
- Inspect your head and body thoroughly when you get in from the field. Have a companion check your back, or use a mirror.
- When working in tick habitat on a regular basis, do not wear work clothing home. This will reduce the chance of bringing ticks home and exposing family members.

What to do if bitten by a tick. Remove the tick as soon as possible. The easiest method is to grasp the tick with fine tweezers, as near to the skin as you can, and to gently pull it out. You may want to save the tick in a small jar for later identification. Check to see whether the mouthparts broke off in the wound. If they did, seek medical attention to get them removed. If you get any symptoms\* of Lyme disease in the following week to several months, see a physician immediately. Be sure to tell the doctor that you were bitten by a tick. A blood test can help determine if you have been exposed to Lyme disease. \*(See next page for symptoms.)

from "Ticks and Lyme Disease in the National Parks", prepared for the National Parks (U.S.A.) by H.S. Ginsberg, J.L. Benach & E.M. Bosler



Avon's "Skin So Soft" may not smell very rugged,  
but it's considered a good insect repellent.

from "Camping Tips"  
Lesser Slave Lake Provincial Park, Alberta

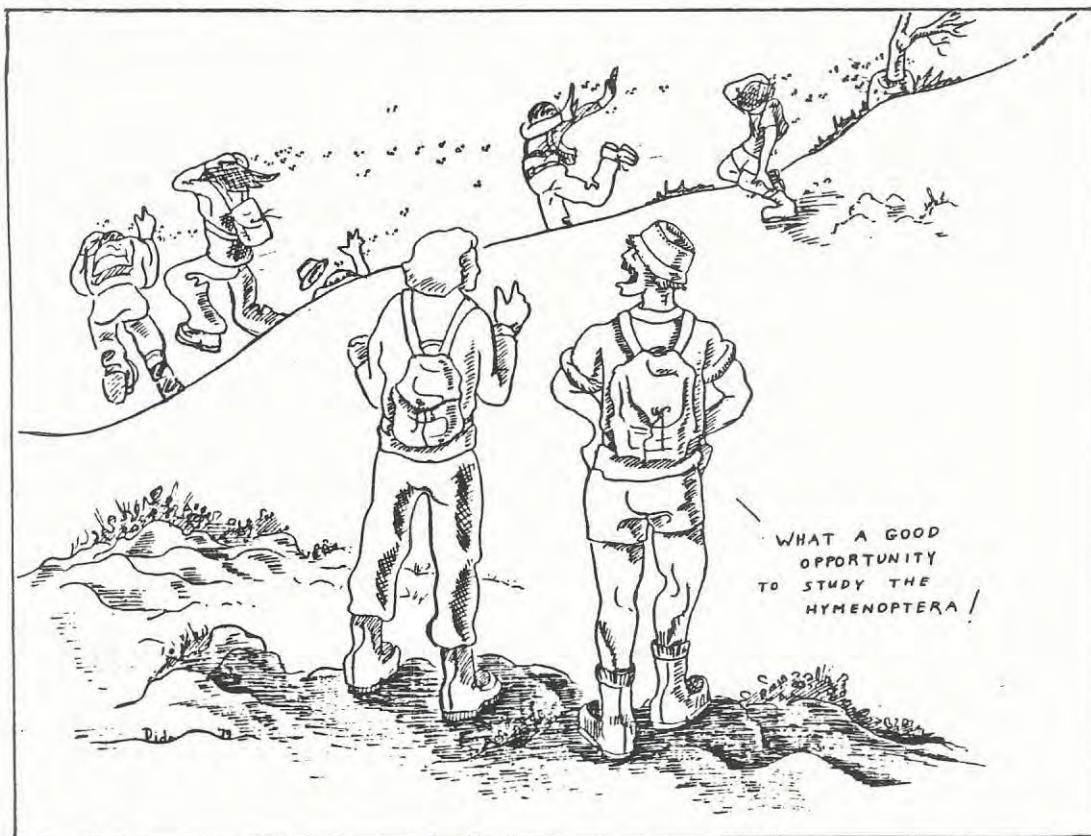
## OUTINGS REPORT (cont'd)

\* A typical symptom in 75% of cases is a slowly expanding red rash with reddened edges appearing ring-like, firm in the centre. Others may include fatigue, headache, pain and stiffness in muscles and joints, slight fever and swollen glands - similar to an allergic reaction or flu. So if you experience any of the above after a tick bite be sure to consult your physician. Treatment at this stage is effective and simple - antibiotics such as penicillin or tetracycline are usually prescribed. If untreated, Lyme disease causes complications of the heart, nervous system or joints. It is still treatable at this stage.

The disease has been with us for a much longer period of time than was initially thought - perhaps as far back as 1972. The deer tick is a transmitter of the disease and the wood tick is a suspected transmitter. Both are exceedingly abundant in some portions of Long Point. Lyme disease may not only affect mice and deer, but birds as well. It seems that birds may very well be the chief long-distance dispersal agents for the infected ticks. More importantly, because Lyme disease can be picked up through urinary-oral contact, persons handling wild birds may be at special risk and should pay special attention to hygiene. LPBO encourages all bird banders, especially those who have worked at Long Point, to be tested for Lyme disease. So far, none of the half-dozen or so Lyme disease patients from Long Point has been affiliated with the Observatory.

(Adapted from articles by Lynne Bradstreet and Jon McCracken in the Long Point Bird Observatory Newsletter, Summer 1989, Fall 1989.)

□



## FOR READING

PLANT ALERT/ALERTE AUX PLANTES by Deborah A. Metsger published by Royal Ontario Museum, 1990. Bibliography, 26 pages of text in each language (French and English), illustrated in colour and black-and-white. \$4.95.

Poisonous plants found in the home, garden and in the wild are the subject of this booklet. Statistics indicate the need for information on such plants, especially how to recognize them. Various parts of such familiar garden plants as daffodil, lily-of-the-valley, rhubarb, foxglove, and castor bean are discussed and illustrated. Wild plants include poison ivy, water hemlock, jimson-weed, climbing nightshade, black cherry, jack in-the-pulpit, and yew - all found to have caused cases of poisoning treated in our hospitals. A few plants with "berries" that one may suspect of being poisonous, but which are not, are also discussed. The house-plants covered - and well-illustrated - are philodendrons, one of the syngoniums, Jerusalem cherry, Christmas pepper, and croton - all could be dangerous if ingested, for example, by children. Other house plants which may be safer to have around the home are discussed, such as African violet, umbrella plant, spider plant, asparagus fern, Swedish ivy. Christmas plants are warned against, such as mistletoe and holly, though poinsettia is given a nod. A section on items sometimes made of dangerous plant-material is included, and caution about some herbal teas, particularly the necessity of knowing the ingredients at the time of purchase. A vital book.

DB

DISCOVER YOUR HERITAGE: A GUIDE TO PROVINCIAL PLAQUES IN ONTARIO published for the Ontario Heritage Foundation by Natural Heritage/Natural History Inc., P.O. Box 69, Station H, Toronto M4C 5H7, 264 pages, illustrated, 1989. \$9.95.

Do you want to conjure up the spirits of Grey Owl, John Muir, Ernest Thompson Seton, and other naturalists this summer? This unique handbook will direct you to the ground that once felt their footsteps.

All of us have seen the plaques erected to commemorate people, places, events, and structures of historical importance in Ontario. Now, in this book, we have the locations of the more than 1,000 plaques in the province with a brief account of each one. To help the traveller, the locations and descriptions of the plaques are grouped geographically. So, for example, a visitor to Kent County, or the Cochrane District, or York Region Municipality can readily find directions to all the plaques in that area. For any particular plaque, the index supplies the page number. Excellent archival illustrations enhance the text. Whether beside you on the car seat or in your knapsack, "Discover your Heritage" will be handy and ready to add to the pleasures of your Ontario travels this summer. Also makes an excellent gift if you're a weekend guest at a friend's cottage this summer. It can be ordered by mail from the publisher (see above for address). Add \$2 for postage and handling.

Harold Taylor ▷

*Robin flutes in forest.  
Robin rings in concrete complex.*

Diana Banville

FOR READING (cont'd)

SUMMER READING

Field Guides:

- amphibians & reptiles - FAMILIAR AMPHIBIANS AND REPTILES OF ONTARIO (1989)  
by Bob Johnson, published by Natural Heritage/Natural History Inc.
- birds - BIRDS OF NORTH AMERICA by C.S. Robbins et al, published by Golden Press, 1983
- insects - THE AUDUBON SOCIETY FIELD GUIDE TO NORTH AMERICAN INSECTS & SPIDERS by L & M Milne, published by Alfred A. Knopf, 1980
- shrubs - SHRUBS OF ONTARIO by J. Soper & M. Heimburger, published by the Royal Ontario Museum, 1982
- trees - TREES OF NORTH AMERICA by C.F. Brockman, published by Golden Press, 1968
- wildflowers - NEWCOMB'S WILDFLOWER GUIDE by L. Newcomb, published by Little, Brown and Company, 1977

TFN Publications:

See back page of newsletter for list + page 15 for a new publication.

- ONTARIO FIELD BIOLOGIST - back issues still available - \$3.00 each  
Rouge Valley Wildlife Inventory (Special Publ. #1) - 1978  
Vol. 30, No. 1 - Black Duck in Ontario - 1976  
Vol. 31, No. 2 - Toronto Wintering Waterfowl - 1977  
Vol. 32, No. 1 - Frogs & toads in Waterloo - 1978  
Vol. 32, No. 2 - Leslie St. Spit gulls & terns; house finches in Ont.  
Vol. 33, No. 1 - Niagara flora - 1979  
Vol. 33, No. 2 - Ontario pondweeds (Genus Potamageton); birds of Leslie Street Spit  
Vol. 34, No. 1 - Plants of the Leslie Street Spit - 1980  
Vol. 34, No. 2 - Winter birds in Southern Ontario; OFB index  
Vol. 35, No. 1 - Rouge River Valley - changes to plant list - 1981  
Vol. 35, No. 2 - Canada geese history in Ontario  
Vol. 36, No. 1 - Cacti in Southwestern Ontario - 1982  
Vol. 36, No. 2 - Rare plants in 12 provincial parks; butterflies of Algonquin Park; Killarney Park plants  
Vol. 37, No. 1 - Butterflies of Point Pelee - 1983  
Vol. 37, No. 2 - Amphibians & reptiles of Waterloo  
Vol. 38 - Tundra swans in Northern Ontario; prairie community in Elgin County - 1984

H.J.

SUMMER LISTENING

Many nature cassettes and records are available. Too many in fact to list here. It seems the great proportion deals with bird song, but recordings of insects, herptiles and mammals do exist. Here's a list of some places where you can buy them:

- Federation of Ontario Naturalists (give them a call at 444-8419 and ask for their 1990 catalogue);
- Open Air Books and Maps (363-0719, bird songs only);
- Birdlife Services (221-2473, ask for a catalogue);
- A & A Records (main store on Yonge St. across from the Eaton Centre);
- Sam the Record Man (main store on Yonge St. across from the Eaton Centre).



## FOR READING (cont'd)

Before you run out to buy, however, here's a hot tip. Check out your local library. Most have a wide selection of recorded nature sounds and songs. All selections are listed under title and subject in the computerized card catalogue. Ask the librarian for help.

Phil Joiner

## NEW PUBLICATION

VASCULAR PLANTS OF METROPOLITAN TORONTO compiled by Diana Banville, published by Toronto Field Naturalists, 1990. (108 pages, 5" X 7" format, coil bound, \$5 + \$1 for postage and handling if ordered by mail from TFN, 20 College St., Unit 4, Toronto M5G 1K2)

Now for the first time all 1,148 species of plants growing in Metro Toronto are listed with their locations (according to watershed). Common names, scientific names and synonyms are included as well as status in Metro for each species. Booklet includes map, index, bibliography.

H.J.

□

LARGE-FLOWERED TRILLIUM,  
drawn by Catherine Holland,  
is often called "white  
trillium" and is, of course,  
Ontario's emblem. It is not,  
however, specifically protected  
as such, although it enjoys  
the protection of other plants  
against picking in parks.

Instead of "fading", it often  
turns a delicate pink before  
it's finished blooming. The  
petals may also be green or  
striped, and many aberrant  
forms are found, so much so  
that Fernald departs from  
his formal style in GRAY'S  
MANUAL OF BOTANY, 8th  
edition, calling the species  
"fickle" and "sporting".

Where "rich woods and  
thickets" are allowed to  
remain in Metro, it is  
still a common native  
Toronto species.



### SUMMER BIRDWATCHING

May is "warbler month", right? And in August and September we try to figure out those "confusing fall warblers", as the field guide calls them. What happens to all the warblers in June and July? Some of them are hanging around Toronto and it can be an interesting challenge to find them, learn their songs, and discover the different habitats they like.

Approximately 30 species of warblers may be found annually in and around Toronto, plus a few rarities every now and again. Of those 30, six are fairly common nesters around Toronto: yellow warbler, American redstart, ovenbird, northern waterthrush, mourning warbler, and common yellowthroat. Another 13 or so species could be found nesting around Toronto, but are more local, uncommon, or just plain rare: blue-winged, golden-winged, Nashville, chestnut-sided, magnolia, black-throated blue, yellow-rumped, black-throated green, Blackburnian, pine, cerulean, black-and-white, and Canada warblers.

You should be able to find the six more common species within TTC-accessible Toronto. Learn the songs from a good recording such as the Peterson one or the special Cornell warbler album, and head out early in the morning to catch the dawn chorus. In most cases, you will hear the bird before you see it. Good places to visit include the Wilket Creek/Serena Gundy/Sunnybrook Park complex, the Rouge River valley and G. Ross Lord Park.

The other less common warblers are best seen outside Toronto, especially to the north along the moraine country. The Regional Forests (York, Durham) operated by the Ministry of Natural Resources are especially good for magnolia, yellow-rumped and black-throated green warblers. They are found nesting more commonly well to the north of Toronto but like the "northern" feel of these pine plantations. These are good places to find pine warblers also. The Regional Forests are broken up into many smaller tracts, scattered about Ballantrae (northeast of Toronto on Hwy. 48) and south of Uxbridge. Phone the Maple District Office of MNR (832-2761) for information and maps of these areas. The Conservation areas can be excellent as well. Check out Palgrave Conservation Area along Hwy. 50 north from Bolton and Boyd Conservation Area near Woodbridge.

I highly recommend Clive Goodwin's A BIRDFINDING GUIDE TO THE TORONTO REGION (revised edition, 1988): it's an excellent reference. Have a pleasant summer of birdwatching and enjoying the outdoors. See you on TFN outings.

Ross Harris



We often wondered -- now we know.

It's about the teacher who took her kindergarten class out to see migratory geese at a staging area. She remarked about all the calling that took place just before a flock took off, and wondered why. One small girl knew. "That's the mother geese telling their children to be sure and go to the bathroom before they leave".

from PEEP (Kirkland Lake Nature Club newsletter), Vol. 32, No. 1, Jan. 1990

## BIRD REPORT

Thanks to those who have sent in additional records for 1988 and 1989, as well as for 1990 to date, particularly on wintering waterfowl - more about those later. We are looking forward to spring migration records. One warbler that is probably under-reported is the ORANGE-CROWNED WARBLER, because it is very plain for a warbler. The "orange crown" is not usually visible but the faint breast markings are a help. Take a look at your field guide - one thing this species has going for it as far as identification is concerned - there's very little to remember!

We have received up-dated reports on the regularly-occurring species which had not previously been reported in 1989, as well as those which had not been reported for the past two years. The GOLDEN-WINGED WARBLER and the ORCHARD ORIOLE have now been reported for 1989. There are still eight unreported for last year. The BLACK SCOTER was omitted from the list in the TFN 410:14 bird report. As well, we are still wondering about the TUNDRA SWAN, SORA, RED KNOT, YELLOW-BILLED CUCKOO, NORTHERN SAW-WHET OWL, LAPLAND LONGSPUR, and COMMON REDPOLL.

Of those not previously reported for two years, the BALD EAGLE has now been reported for 1989, and the BAIRD'S SANDPIPER, WILSON'S PHALAROPE, BLACK TERN, and YELLOW-THROATED VIREO have been reported for both 1988 and 1989. That just leaves four which we have been considering "regularly-occurring" which have not been recorded for two years running. Here is the status of those:

**LEAST BITTERN.** In the 1947 edition of Roger Tory Peterson's *A FIELD GUIDE TO THE BIRDS EAST OF THE ROCKIES*, a would-be-observer read that Cory's Bittern was known to breed at Ashbridge's Bay, Toronto, and was so thrilled that Toronto should have such a distinction that she talked her brother and his new girlfriend into going down there to look for it. By this time - in the 1950's - things had changed at Ashbridge's Bay. They walked for hours through nothing but a foul-smelling black muck and found no life of any kind. The girlfriend, understandably, complained constantly. The observer can't recall ever seeing her again. It turned out that this species was later to be considered a colour-phase of the least bittern. The Toronto Region Bird Chart, 1983, indicates the species still breeds occasionally in the Region, but is decreasing. There are some records for Mugg's Island and Leslie Street Spit, at least in migration.

**LITTLE GULL.** Essentially an Old World species, there was some excitement about the increase in numbers, in the last few decades, observed along the Humber and breeding in Cranberry Marsh, so much so that it came "to be expected". It no longer appears to nest here and is rather scarce or "hard to find". (See *A BIRD FINDING GUIDE TO THE TORONTO REGION 1988* by Clive E. Goodwin.)

**LOGGERHEAD SHRIKE.** It occasionally nests in Toronto Region according to the Toronto Region Bird Chart, 1983, but is decreasing. Originally from the south and west, it has never been a common bird here, but there have been enough records for it to be considered "regularly-occurring". They are worried about it in Ottawa (See "The loggerhead shrike: Status report for the Ottawa District" by

&gt;

Bird Report - cont'd

Christine Hanrahan in TRAIL & LANDSCAPE August, 1987) - maybe we should be worried too. It moved in with agriculture, but now intensive agriculture may be affecting the species throughout its whole range - among other possible reasons.

GRASSHOPPER SPARROW. A colony was reported in 1987 in Richmond Hill. We had a number of reports, sometimes as many as eighteen individuals, in every Toronto Ornithological Club "Spring Bird Round-up" every year those were available - 1979-1985 inclusive - except for 1982. We have no record on file for 1986.

These four species have been sufficiently regularly-occurring in the 1980's to be on our next checklist but the next few years should tell us to what extent their status has changed here.

Another "casual" was reported for 1989, the PRAIRIE WARBLER. Also in 1988 there was a record for this species - who knows, on some future TFN checklist, it may appear as a "regular".

REPORTERS FOR 1990 TO DATE: Diana Banville, Earl Barr, Molly Campbell, Margaret Cook, Mary Cumming, W.J. Edmunds, Karin Fawthrop, Bruce Gosnell, Helen Huggett, Helen Juhola, Helen King, Mr. & Mrs. Rodger W. McLennan, Ron Park, Lorna Pinchen, Al Shaw, Helen Smith, Harold Taylor, and all those who contributed to the Lake Ontario Mid-winter Waterfowl Inventory.

On your next reports, please don't forget to put your name on the actual report-sheets - or one of your address labels. In case they should go astray in the files, they can easily be correctly re-filed. (So far, so good!) Send reports to me at #710 - 7 Crescent Place, Toronto, M4C 5L7.

Diana Banville

SEE ALSO: ATLAS OF THE BREEDING BIRDS OF ONTARIO, M. Cadman et al., Federation of Ontario Naturalists 1987, 1988.



► TO ALL WILDLIFE REPORTERS...

We are now keeping records of all animal life (readily observable in the field) of Toronto Region. If you would like to share your observations, your reports will be kept in our records files and used for studies of natural areas or particular species within the Region. Please write your name or affix your address-label to each sheet, and give date, place, and numbers, for each observation, typed or in your best hand. Many outings leaders in 1989 reported invertebrates, especially butterflies and dragonflies. A small and inexpensive field guide to add to your library this season would be the Golden Nature Guide, BUTTERFLIES AND MOTHS. Please continue to send reports of amphibian and reptile observations to Bob Johnson, Metro Zoo, P.O. Box 280, West Hill, Ontario, M1E 4R5. Send those on invertebrates, fishes, birds, and mammals to Diana Banville, 710 - 7 Crescent Place, Toronto M4C 5L7.

## REPORT

In response to concerns expressed by TFN and others about the use of herbicides in Metro Parks, the Commissioner of Parks and Property for Metro was requested "to report on alternatives to spraying pesticides and to provide information on any experiments which may have been conducted at the municipal level in Canada". Following is his report to the members of the Parks, Recreation and Property Committee of Metro Toronto, Feb. 26, 1990.

It should be noted at the outset that the storage, distribution, sale and use of pesticides in Ontario is controlled by means of the Pesticides Act, 1980. No pesticide can be legally used in Ontario until it has been reviewed by the Ontario Pesticides Advisory Committee. This Committee examines all data relevant to the product, with particular reference to its toxicity, and recommends classification within a series of six schedules which specify the manner in which the product is to be sold and stored, the uses to which it may be put and how it is to be applied.

Pesticides are used extensively by the agricultural community, by forestry workers and by utilities such as Ontario Hydro for the control of brush. They are also used to control pests in public areas such as parks and by householders or private contractors to maintain domestic lawns and gardens.

Within our Department, pesticides are, of course, used in total conformity with the Pesticides Act.

In effect, all employees involved in the handling, storage, transportation or application of any pesticide are certified and licensed by the Ontario Ministry of the Environment and all products used are those approved by the Province of Ontario. Pesticides are applied by us only under acceptable climatic conditions, at times when no member of the general public is on site, with appropriate signage erected 48 hours before and after application, with a detailed record of quantities used, method of application, prevailing temperature, wind velocity and direction, name of operator and date and time of application and, of course, with all employees wearing appropriate protective clothing.

It is also worthy of note that pesticides are used by us only as a curative rather than a preventative measure.

As indicated earlier, the term pesticides includes insecticides, fungicides and herbicides which, in turn, are used to control pests, fungi, and vegetation respectively.

As an example, at the present time we are experiencing a heavy infestation of gypsy moth in some of our Parks which will almost certainly result in the defoliation of a substantial number of our trees. In consultation with a gypsy moth specialist from the Ontario Ministry of Natural Resources, who agrees that we have a severe problem on our hands, we have been advised that the most efficient and effective way we can partially control this problem is through spraying.

Frequently we are pestered by aphids, loopers, fungus gnats, mites, oakleaf skeletonizer, pine sawfly, mealybugs, scale insects, white grubs, etc., and we also experience plant diseases such as dollar spot, snow mold, rust,

PESTICIDES REPORT (cont'd)

mildew, etc. In all these instances as well as for the control of poison ivy and other noxious weeds we make use of approved pesticides under controlled conditions.

It should be mentioned, too, that most municipalities in the Metropolitan Toronto area as well as elsewhere also resort to the use of pesticides for similar purposes.

With respect to any information on any experiments which have been conducted at the municipal level, I believe that the committee had the City of Ottawa in mind when this request was made.

Our information from the City of Ottawa is that they have decided to discontinue the use of herbicides but they still use insecticides. Without the use of herbicides to assist in their turf maintenance, they have instituted a higher level of maintenance in their Parks involving increased fertilizing, aerating, top dressing and overseeding which, of course, is much more costly and is dependent on higher budget approval each year. Their own estimation is that notwithstanding this increased maintenance, their weed infestation in their Parks has risen from approximately 10-15% to 85%.

It is noted for information that pesticides, including herbicides, are used in parkland in Ottawa that is maintained by the National Capital Commission.

Robert Bundy, Commissioner  
Parks & Property Dept., Metro Tor. □

Comment: If you too are unimpressed by this report, let your elected representatives know -- your local councillor, your metro councillor, your provincial and federal members.

You may also want to contact the members of the Parks, Recreation and Property Committee who accepted this report. They are Mario Gentile, Chairman of Parks, Recreation and Property Committee, who may be reached at 390 Bay St., Suite 303, Toronto M5H 3Y7 or 392-4066; C. Dennis Flynn (same address, but Suite 209) or 392-4005; Brian Harrison (same address, but Suite 205) or call 392-4017; Ken Morrish (same address, but Suite 307) or call 392-4055; Peter Oyler (same address, but Suite 217) or call 392-4031; Chris Stockwell (same address, but Suite 414) or call 392-4041; Joyce Trimmer (same address, but Suite 208) or call 392-4007. Don't forget to send copies to the Hon. James Bradley, Ontario Minister of the Environment, 135 St. Clair Ave. West, 15th Floor, Toronto, Ont. M4V 1P5.

It is the collective impact of individual action that creates power. All of us have enormous power as voters. Politicians pay attention to letters, telegrams and phone calls. Demand that every candidate for municipal, provincial and federal office have well-thought out environmental programs. We are engaged in an all-out war to save this planet and that means everyone of us must contribute. And if we spread the word, our insignificant individual acts will add up to a solution.

from "Our Planet: What you can do to help" by David Suzuki in the TORONTO STAR, Sept. 2, 1989

## IN THE NEWS

### PESTICIDE SPRAYING SIGNS NOW MANDATORY

A new regulation under Ontario's Pesticides Act now requires that signs be posted when pesticides are used on public lands including parks, campgrounds, provincially-owned forests, golf courses, school yards, municipal and provincially-owned rights-of-way, public gardens, playgrounds, cemeteries, and open areas around shopping malls, apartment buildings, condominiums, townhouses, hotels and motels.

The signs must be erected at least 24 hours before pesticide application. Signs must remain in place for 48 hours after spraying, and then be removed by applicator.

The new amendment will let people decide for themselves to what degree they are exposed to pesticides. Long-term exposure to chemicals can pose a health risk, and it makes good sense to keep exposure to a minimum.

Outside the boundaries of a city, town, village or borough, a public notice in a local newspaper may take the place of posted signs. Also farmers and homeowners applying their own pesticides are exempt from the regulation.

adapted from a news release from the Ontario Ministry of the Environment, March 12, 1990

Comment: How about some fresh air!!!

### HERBICIDE KILLS 500-YEAR OLD OAK

About a year ago somebody poisoned the treaty oak of Texas. The vandal used a whole gallon of a powerful weedkiller, 20 times as much as is normally needed to kill a tree. The weedkiller made the tree put out and shed six successive sets of leaves. Some \$100,000 has been spent to save the tree's life, but even Texan money cannot defeat poison.

adapted from "Beyond Chicken Soup" in THE ECONOMIST, March 17, 1990

### DU PONT LAND BECOMES WILDLIFE REFUGE

Chemical producer Du Pont Canada Inc. has donated land as part of its commitment to preserve natural habitats on or near all of its plant sites. The Mississauga-based company yesterday presented 22 acres of wetlands with an estimated value of \$1.1 million, to the Cataraqui Region Conservation Authority in Kingston. The wetlands are located on the Cataraqui Creek on the western boundary of Kingston.

adapted from "Businews" by Oscar Rojo in the TORONTO STAR, March, 10, 1990



IN THE NEWS (cont'd)

NEW STRATEGY FOR MANAGING WATERSHEDS

An innovative approach called the Comprehensive Basin Management Strategy of the Rouge River Watershed was approved by the Metropolitan Toronto and Region Conservation Authority on Feb. 23, 1990. The study that led to the strategy began in 1986 with the participation of provincial ministries, municipalities in the Rouge watershed, and special interest groups [including TFN], who recognized that the negative effects of urbanization in the watershed needed to be addressed. The strategy recommends new development limits by setting rear property lines on lands adjacent to the valleys a minimum of 10 metres back from the top of the bank or the regional storm floodline. Also, for sub-divisions, master drainage plans are to be developed early in the municipal planning process. Fish habitat is to be restored with streamside plantings and construction of in-stream shelter for fish. The entire valley system is to be managed to provide a continuous wildlife habitat corridor from Lake Ontario to the headwaters in the Oak Ridges Moraine Complex. Public valleyland acquisition will continue. The Province and the watershed municipalities are being requested to endorse the strategy this year and begin implementing components that fall under their respective mandates.

adapted from a news release of the Metro Toronto and Region Conservation Authority, Mar. 12/90

THINNING OZONE LAYER BLAMED FOR EYE BURNS

Thinning of Earth's ozone layer means people should wear sunglasses to prevent their eyes being burned by harmful solar rays. The Manhattan Eye, Ear, and Throat Hospital has already identified four cases of solar eye burn that occurred during a brief period when the ozone layer became unusually thin over the northeastern United States. Normally the hospital sees only one case of solar retinopathy -- or eye burn -- every two or three years. In March 1986, however, it was faced with four cases. Using information from an ozone mapping instrument aboard the Nimbus 7 satellite, they discovered that the eye burns coincided with a 15 to 20 per cent reduction in the thickness of the ozone layer. The ozone layer acts as a natural shield that blocks out potentially harmful types of solar rays -- including ultraviolet-B and blue wavelengths of light. If such rays strike the back of the eye, they can produce a photo-chemical burn that breaks down the cells. People with eye burn may notice a grey-black dot in the middle of their field of sight, or experience blurred vision, making it difficult to read. Some people seem to be more susceptible than others. Young people with light-coloured eyes -- such as blue or green -- appear to be most at risk. Besides sunglasses, regular glasses can also help act as a filter to block out some of the damaging light, but contact lenses do not provide any protection. Not all sunglasses stop ultraviolet-B and the blue wavelengths of light linked to eye burn. U.S. officials are expected to impose guidelines for industry standards later this year.

from an article by Paul Taylor in the GLOBE AND MAIL, Jan. 17, 1990



## THE WEATHER (THIS TIME LAST YEAR)

May 1989, Toronto

The weather began quite dismally, but underwent a dramatic change mid-month. As a result, although it was the coolest May since 1984, temperatures were still above normal by 0.6°C downtown and 0.7°C at L.B. Pearson Airport. The city's mean monthly temperature was 14.2°C, while the airport's was 13.0°C. Sunshine hours, however, remained about 35 below normal and precipitation was somewhat above normal, breaking a lengthy dry trend which began in 1988. Precipitation downtown was 82.4 mm, and at the airport was 79.2 mm, the most since 1984.

May began with a couple of cold outbreaks which were accompanied by rain, and on May 7th, snow. Although amounts were very slight in the immediate Toronto area, there were accumulations of several centimetres as close as Hamilton. Maximum temperatures on May 7th struggled to reach 5°C. Shortly thereafter, a slow-moving storm system moving up the eastern side of North America brought a couple of days of rain and drizzle, followed by gradual clearing.

On May 15th to 16th, change occurred. Warm air moved in from the west, and maximum temperatures rose above 20°C and mostly stayed there the rest of the month. More sun prevailed at this time as well, with a couple of frontal passages. On the final two days of the month, a humid, unstable air mass edged into southern Ontario and brought frequent thunderstorms. These brought the month's total rainfall to above-normal levels, easing the possibility of drought. The likelihood of summer 1989 being as hot and dry as 1988 is quite low.

▷

### HOW TO DODGE THUNDERBOLTS

- Keep away from wide open spaces as well as tall or isolated trees. Seek shelter in a building.
- You are safest if you crouch down with both feet close together and your hands on your knees.
- If you get your clothes wet, you will probably avoid serious injury if you are struck.
- If you are swimming, windsurfing or in a boat, get to the shore as quickly as possible.
- Stay inside a car if you can. It will protect you as long as you do not touch the metal of the car body.
- If you are caught outside get rid of umbrellas, fishing rods, golf clubs and other bits of metal where possible.
- In a thunderstorm if your hair stands on end or you hear buzzing from nearby rocks, metal fences and so on, move away.
- Give first aid to anyone struck by lightning; they will probably recover.

from "Learn to Live with Lightning" by Derek Elsom in NEW SCIENTIST, Vol. 122, No. 1670, June 24, 1989

Comment: If you're indoors, the article goes on to advise that you should not talk on the telephone and you should disconnect the TV.

## WEATHER (cont'd)

June 1989, Toronto

This month brought abundant cloud and rain to southern Ontario. Along the north shore of Lake Erie from Windsor to Niagara, heavy rains of up to 150 mm or even 200 mm during both May and June left the ground super-saturated with many fields flooded. Farmers in many areas could not plant this year, resulting in major losses. This represents a dramatic shift from 1988's severe drought which continued through a dry winter.

For the most part, in Toronto and much of the rest of southern Ontario, June was not quite as wet, and May and June rains were ideal compensation for the previous shortage of precipitation. Toronto City had 105.8 mm of rain, and L.B. Pearson Airport recorded 94.7 mm; these are the highest amounts since 1982. Sunshine hours downtown were 216.6 hours, 36 hours below normal and the lowest since 1982. Winds averaged somewhat lighter than usual due to blocking of weather systems much of the month. Mean temperatures averaged slightly higher than normal because of higher minimum temperatures. Daytime temperatures were below normal due to cloud cover.

June began with changeable weather and frequent thunderstorms; some of the rainfalls were locally heavy. A cold front moved in on June 9th-10th, followed by a stationary disturbance to the south for the next twelve days which brought long periods of overcast weather more reminiscent of late fall than early summer, frequent rains, heavy at times, and gradually increasing temperatures. The weather to the north became hot and sunny with readings over 30°C in northern Quebec but only in the mid-twenties here. Eventually, the ridge did suppress the cloud and thunderstorms, and we had a couple of days of sunny, humid 30°C weather around June 25th. A cold front brought dry, sunny conditions the final three days of June. It was the final week of June that kept the month from being a record-setting cloudy one.

►

*BLACK MEDICK (L.)  
COMMON YELLOW  
WOODSORREL (R.)*

*Field drawing  
shows difference  
in leaflet-shape  
of these two  
plants of  
different  
families.*

*Both have leaves  
of three leaflets,  
yellow (though  
dissimilar)  
flowers, and may  
be found sharing  
the same turf.*



## WEATHER (cont'd)

July 1989, Toronto

This was a generally hot, dry month across Canada as a whole (and Europe too), providing no easy reassurance for those worried about climatic trends. As for Toronto, for the third year in a row, we had a warmer-than-average July. However, it was less extreme than in 1987 or 1988, and there were no unusual heat waves. It was, nonetheless, very sunny; and the dry conditions that prevailed through much of 1988 and early 1989 returned, giving way only in the final part of the month.

Average temperatures were about one degree above normal, while the 324.8 hours of sunshine reported downtown were the most since 1955, and the highest for any month since May, 1977. Rainfall, due to late-month thunderstorms, was 46.0 mm downtown -- but closer to normal at L.B. Pearson Airport with 70.4 mm. At both locations, it was the driest July since 1984. Clear, dry conditions prevailed most of the month with occasional weak frontal passages (there was a strong, but dry, disturbance on July 9th-10th). Only traces of rain fell before July 22nd. Warm, humid air did bring rain between July 22nd and 27th. Afternoon thunderstorms brought rainfalls on several days of up to 22 mm. Finally, a cold front brought a squally thunderstorm line on July 27th, and the last few days of the month were brilliantly sunny yet again.

Dryness across the central expanse of Canada contributed to one of the worst forest fire seasons on record from Saskatchewan to Quebec. Over 6 million hectares of Canadian forest so far have been burnt this year. Manitoba was worst hit with about 21,500 people evacuated from northern towns in late July. Smoke from fires in northern Quebec drifted over Toronto on July 15th, and from the Manitoba and northwestern Ontario fires on July 28th. It noticeably dimmed the sun and a strong scent of smoke was present on July 28th. There were forest fires as close as cottage country, around Parry Sound.

In contrast, an area around Windsor received the heaviest rainfall of the century in Ontario. In Essex County, a super-storm on July 20th brought up to 260 mm of rain, exceeding even the downpours of Hurricane Hazel in 1954. Large areas of crops were destroyed, and much of the land lay under water for a week or so. The flatness of the land there reduced the threat of erosion and rampaging rivers, but it also slowed drainage.

To sum up: warm, dry, sunny, generally very pleasant and idyllic in Toronto but with climatic disasters not too far away.

&gt;

Ah!  
*How the birds sing when I come by!*  
*And yet I know*  
*they're not singing for me to stay -*  
*they want me to GO!*

Diana Banville  
 Taylor Creek Park, June 13, 1989

## WEATHER (cont'd)

August 1989, Toronto

This month was somewhat dry, a touch cloudy, and with exactly normal mean temperatures this year. The first half of the month was a little more unsettled than the second half.

Monthly average temperatures both at the City and at the Airport were exactly on the 1951-1980 climatic normals; 21.2°C and 19.7°C respectively. There was a fair degree of variation, however, as 33°C temperatures on August 3rd were followed within four days by record-low maximums; the City broke a 149-year record with a high of only 16.9°C on August 7th.

Dry conditions continued across much of Ontario; downtown Toronto had its driest August since 1980 with 48.6 mm of rain; the 39.6 mm of rain at L.B. Pearson Airport was about half the normal. Drought in areas to the north of Toronto in cottage country has, in combination with tent caterpillar infestations over the past two to three years, killed large numbers of trees. Thundershowers were reasonably frequent up to August 15th and conditions thereafter were quite dry. The forest fire situation seems to have quieted down.

In spite of this, sunshine hours were lower than normal, although not extremely so. Higher clouds such as altocumulus and haze were prevalent.

After the first week, there were no strong frontal systems, and conditions were quite calm. It was the calmest month ever at L.B. Pearson Airport by far, with an average windspeed of only 7.4 km/h. On the other hand, the calm atmosphere favoured lake breezes, and so wind speed averaged noticeably higher than normal at Toronto Island. Toronto Island's average wind speed of 14.1 km/h was 1.5 km/h above normal and the highest since 1980.

Gavin Miller



**MOSSY ROSE GALL.** "The term "gall" is applied to any enlargement of plant cells, tissues, or organs induced by the stimulus of a parasitic organism as a regular incident in the life history of the parasite." (Cosens, in THE NATURAL HISTORY OF THE TORONTO REGION 1913). Cosens lists ten species of small wasps which affect roses in Toronto Region, including a moss-like gall. Also read about it in "All that Gall" by James Battaglia in WILDFLOWER, Vol. 4 #1, 1988.

sketched by Betty Paul in  
Serena Gundy Park  
August 27, 1986

## COMING EVENTS

**Nature Conferences:**

Federation of Ontario Naturalists - June 1 - 3 - Thunder Bay, Ontario  
 For details, write FON Conference 1990, 143 Summit Ave., Thunder Bay,  
 Ont. P7B 3P2 or call (807) 345-6446.

Canadian Nature Federation - May 18 - 21 - London, Ontario  
 For details, write CNF Conference 1990, c/o P. McDougall, 465 Chester  
 St., London, Ont. N6C 2J5.

Rouge Valley Hikes - last Sunday of every month with the Save the  
 Rouge Valley System. For details, call the SRVS office at 287-1776.

Black Creek - workdays - 2nd Saturday of every month - tree planting, clean-ups etc.

May 12 - Chalkfarm Park - tree planting (work days begin at 10 am)

June 9, July 14, Aug. 11, Sept. 8, Oct. 13

Call Rob Tonis at 969-9637 for details.

- nature walks - fourth Sunday of every month (walks begin at 2 pm)

May 27 - Steeles to Finch (Meet at n.w. corner of Steeles & Jane)

June 24 - Finch to Sheppard (Meet on south side of Finch at Black Cr.)

July 22 - Downsview Dells (Meet on south side of Sheppard at Black Cr.)

Aug. 26 - Chalkfarm Park to Lawrence (Meet at Chalkfarm Public School.)

- Open House & Media Event (includes tree planting ceremony)

May 12 at Northwood Community Centre at 2 pm.

For details, call Rob Tonis at 969-9637 (Black Creek Project)

Jim Baillie Memorial Bird Walks (sponsored by the Toronto Ornithological Club) - for the general public (free)

> Sunday, May 6 at 7:30 am to noon - early warblers at Lambton Woods  
 Meet Hugh Currie in the parking lot of James Gardens.

> Saturday, May 19 at 7:45 am (all day) - Warblers at Toronto Islands  
 Meet Bob Yukich at the ferry docks to take the 8 am ferry. Bring lunch.

> Sunday, May 27 at 8 am (all day) - whimbrel & other shorebirds at the Spit  
 Meet Ross Harris at the entrance to the Leslie Street Spit. Bring lunch.

A Tour of Private Toronto Gardens (Forest Hill & Belmont Street)

June 16 & 17 - noon to 4 pm - \$12.50

To reserve tickets call 445-1552. (Civic Garden Centre).

Pitch-in Week - May 7 to 13 - citizens are urged to clean up and beautify  
 the environment as well as to reduce, re-use and recycle waste.

Bike to Work Week - June 10 - 15 - sponsored by the Toronto City Cycling Committee. For more information, call Barbara Wentworth at 392-7592. For a free Cycling Committee newsletter, the Cyclometer, write the Committee - 8th floor, East Tower, City Hall, Toronto M5H 2N2.

*Keep watching to see  
 blue stars in the subway cut -  
 chicory in bloom.*

haiku by Helen Juhola

## COMING EVENTS (cont'd)

High Park Open House. A chance to look at the City's plans to restore the park's natural features. Call 392-7251 for details.

Pond Songs at Kortright - May 24 from 7 pm to 9 pm. Call 832-2289 for tickets (\$6 for adults, \$5 for members of Kortright).

Prospect Cemetery Centennial Celebrations - Sunday, May 27 at 1:30 pm at the cemetery entrance on the north side of St. Clair Ave. West opposite Lansdowne Ave. A walking tour will highlight the historical and natural features. Sponsored by the Toronto Trust Cemeteries.

Wildflower walks in the Humber Arboretum - May 13 and 20 at 1:30 pm. Call 675-5009 for details about entry fee and other programs of interest to naturalists, e.g. photography workshop on May 27, pond and river studies on June 3 and 10, June 17 and June 24.

Humber Hike from McMichael to Kortright - Sunday, April 22 from 10:30 am to 3:30 pm. Call 661-6600, ext. 256 for tickets (\$5.50 per person) and information about further activities organized by MTRCA.

Mountsberg Wildlife Centre - Spring Wonders Program - April 21 - June 10. For brochure with complete details, call the Halton Region Conservation Authority (416) 336-1158 (weekdays), (416) 854-2276 (weekends).

A walk in the park - Visit Edwards Gardens, Tuesdays and Thursdays, 11 am and 2 pm, May through September. No admission charge. Meet in the front lobby of the Civic Garden Centre. Flat shoes advised. For more information call the Centre at 445-1552.

Kortright Centre for Conservation has scheduled a busy spring and summer program: nature hikes, kite festival, bat night, and other activities (see Pond Songs above). For details of times and admission fees, call MTRCA (416) 661-6600.

Civic Garden Centre Spring Plant Sale - Share your abundant garden plants. If you have extra plants you want to share, call the Centre 445-1552.

Night of the Stars, an introduction to astronomy, at Scanlon Creek Conservation Area, Friday, April 27, 8 pm. For more information about this and other Lake Simcoe Conservation Authority programs, call (416) 895-1281 or (416) 773-6482.

Thickson Woods is debt free! Congratulations to those who helped write this success story, including some of our own TFN members. While the mortgage on this very important wildlife area has been paid off, there will be some continuing expenses. Your help in covering these will be appreciated by the Thickson's Woods Heritage Foundation Inc., Box 541, Whitby, Ont. L1N 5V3.



## COMING EVENTS (cont'd)

Ontario Rock Garden Society Plant Sale - Civic Garden Centre -  
Sunday, May 6 at 2 pm

Friends of the Spit - Annual General Meeting - late April  
For details call 699-6442.

Wildlife Viewing Day at the Leslie Street Spit on Sunday, June 3 from 10 am to 4 pm (first day of Environment Week), organized by Friends of the Spit, sponsored by Environment Canada. Naturalists will be stationed at viewing stations along the Spit. Bus will be running on Spit.

Society of Ontario Nut Growers Annual General Meeting - Saturday July 28 at Vineland Experiment Station. For details contact SONG, R.R. 3, Niagara-on-the-Lake, Ont. LOS 1J0.

Wetland Wildlife in the Don Valley - nature walks, activities, family fun at Todmorden Mills on Sunday, April 22 (Earth Day) from 2 pm to 4 pm. For more information, call 425-2250.

Discover the Wild Don - a major exhibit co-produced by Todmorden Mills Museum and the Toronto Field Naturalists -- features displays related to the natural heritage of the Don Valley. Exhibit opens on May 13 with nature hikes and workshops on outdoor photography, painting and herbal lore.

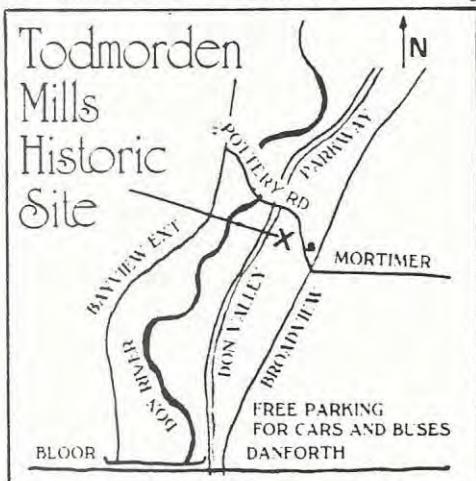


Exhibit runs from May 13 to July; Saturdays and Sundays from noon to 5 pm; Tuesdays to Fridays from 10 am to 5 pm; admission \$2 for adults; \$1.50 for seniors and students; \$1 for children. For further information call 425-2250.

□

## THE REUSABLE REVOLUTION

## ADDITIONS TO THE RESTAURANT LIST (See TFN 409:6)



...where you can get a coffee, snack or meal, in porcelain or glass dishes, using metal cutlery (without paying an-arm-and-a-leg):

The Royal York Hotel Coffee Shop (basement level, from driveway on east side of hotel); The Golden Griddle Pancake Houses (e.g. north-east corner of Jarvis and Front); MacKenzie Room (basement level, City hall); Fran's Restaurants; Simpson's Coffee Shop (basement level, Bay Street side); Pickle Barrel Restaurants (e.g. in the Atrium on Bay).

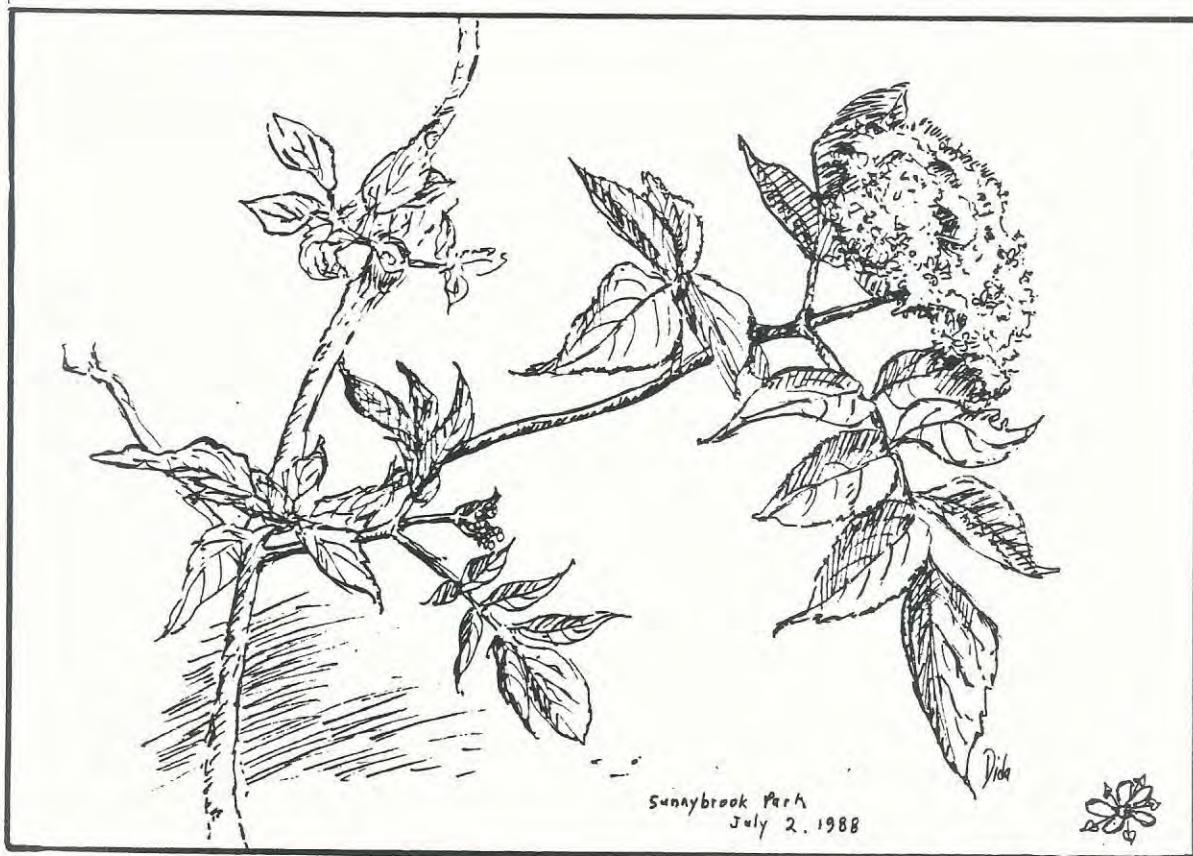
Al Shaw

(Any further nominations?)

## Help Wanted

- Todmorden Mills Museum needs volunteers to assist with nature and/or history oriented programs (mostly during the week). You may choose to work either directly with the children (nature walks, living history demonstrations, etc.), behind the scenes or both. Staff training and a job description are provided. The Museum is located on Pottery Road in the Don Valley, easily accessible by public transit. For further details, please call the Museum Education Co-ordinator at 425-2250.
- Spring cleaning? Todmorden Mills Museum needs equipment and visual aids to use in its new nature programs for school groups. We would greatly appreciate any of the following: pictures of plants and animals (all taxonomic groups) from old magazines, calendars, nature diaries, post-cards and books, glass terrariums or aquariums, old field guides, nature specimens (bones, feathers, furs, mounts), bird houses or feeders. If you would like to help us get started, you can bring these items to the TFN General Meeting on May 7 or you can call the Museum at 425-2250.

□



COMMON OR AMERICAN ELDER, with its cymes of white flowers, develops black berries in our area. Found in the Rouge, Highland Creek, Don, and Humber watersheds, it prefers wetter locations than the red berried elder, another native Toronto species, which also grows in our valleys. Elders are in the honeysuckle family.

ref.: GRAY'S MANUAL OF BOTANY, 8th Edition.

# TFN OUTINGS

## May

Tuesday May 1 6:45 pm	GLEN STEWART RAVINE - birds Leader: Fred Bodsworth Meet at the ravine entrance on the south side of Kingston Rd. just west of Beech Ave.	Toronto
Wednesday May 2 10 am	* LAKESHORE - nature walk Leader: Graham Neville Meet at the southeast corner of Kingston Road and Birchmount Road. Bring lunch. Walk will end at a different public transit stop.	lakeshore, Scarborough
Thursday May 3 6:45 pm	GARLAND PARK - spring flowers Leaders: Dennis Clarke & Helen Juhola Meet on the southeast corner of Martin Grove Road and John Garland Blvd. (#96 bus from York Mills & Yonge is recommended)	West Humber, Etobicoke
Saturday May 5 10:30 am +	EDWARDS GARDENS & WILKET CREEK - nature arts Wilket Creek, N. York Leader: Diana Banville Meet at the barn on the south side of Lawrence Avenue East just west of Leslie Street. Bring cameras, sketching materials and stool, or just come and enjoy the <u>early wildflowers</u> . Lunch optional.	
Saturday May 5 12 noon	EAST DON - nature walk Leader: Allan Greenbaum Meet on the west side of Bermondsey Rd. just south of Old Eglinton Ave. (in front of the hockey arena). Bring lunch and extra water. Walk will end at a different public transit stop.	East Don, North York
Sunday May 6 10 am	EAST DON - nature walk Leader: Robin Powell Meet on the southwest corner of Steeles Ave. West and Leslie Street. Bring lunch. Walk will end at a different public transit stop.	East Don, North York
Tuesday May 8 6:45 pm	MOUNT PLEASANT CEMETERY - birds Leader: Ross Harris Meet at the entrance on the east side of Yonge Street about 2½ blocks north of St. Clair Ave.	Toronto
Wednesday May 9 10 am	*LAKESHORE - nature walk Leader: Eileen Mayo Meet at the southeast corner of Kingston Road and Brimley Rd. Bring lunch. Walk will end at a different public transit stop.	lakeshore, Scarborough
Thursday May 10 6:45 pm	GERRARD RAVINE - urban wildflowers Leader: Ken Cook Meet at the southwest corner of Danforth Avenue and Woodbine Ave. Walk will end at a different public transit stop.	Toronto

\* a lakeshore exploration



## MAY OUTINGS (cont'd)

**OUT OF  
TOWN**

Saturday May 12 8 am to <u>BUS</u>	PRESQUILE PROVINCIAL PARK - spring flowers & birds Leader: Phil Joiner Call Kay Lane at 221-6343 if you want to attend. Confirm by sending a cheque for \$20 ( <u>NOT</u> post-dated), made payable to TORONTO FIELD NATURALISTS PRESQUILE OUTING, to Kay Lane at 564 - 65 Ellerslie Ave., Willowdale M2N 1Y1. Bus leaves southeast corner of Yonge and Old York Mills Rd. (south exit of York Mills subway station). Bring lunch and extra water. Washrooms on bus.	east of Metro
Sunday May 13 12 noon to 5 pm +	TODMORDEN MILLS - DISCOVERING THE WILD DON Official opening of TFN/Todmorden display + Mothers' day program - see page 29 for details.	Don, East York
Sunday May 13 2 pm	**WEST HUMBER - nature walk Leader: Joan O'Donnell Meet on the east side of Albion Road where it crosses the West Humber opposite Riverdale Dr. Walk will end at a different public transit stop.	West Humber, Etobicoke
Tuesday May 15 10 am +	TORONTO ISLAND - nature arts Leader: Ann Millett Meet at the ferry docks at the foot of Bay St. Bring camera, sketching material and stool, or just come and enjoy. Bring lunch and extra water.	lakeshore, Toronto
Tuesday May 15 6:45 pm	HUMBER MARSHES - birds Leader: Helen Smith & Mary Noad Meet just outside the Old Mill subway station. Wear long trousers and long sleeves and waterproof footwear. Poison ivy, nettles and mosquitoes, as well as birds, are guaranteed!	Humber, Toronto
Wednesday May 16 10 am	*LAKESHORE - nature walk Leader: Nancy Fredenburg Meet on the south side of Kingston Road opposite Bellamy Road. Bring lunch. Walk will end at a different public transit stop.	lakeshore, Scarborough
Thursday May 17 6:45 pm	WIGMORE RAVINE - spring flowers Leader: Eva Davis Meet at the northwest corner of Sloane Ave. and Elvaston Dr., north of Eglinton Ave. East.	East Don, North York
Saturday May 19 9 am	GUILDWOOD PARK - birds Leader: Walter Frey Meet at the park entrance on the south side of Guildwood Pkwy. opposite Galloway Rd. where there is a parking lot. Lunch optional.	lakeshore, Scarborough

\* a lakeshore exploration

\*\* a Humber watershed exploration



## MAY OUTINGS (cont'd)

Sunday	ROUGE VALLEY - nature walk	Rouge, Scarborough
May 20	Leader: Robin Powell	
10:30 am	Meet at the gates to the Metro Zoo. Bring lunch and extra water. Walk will end at a different public transit stop.	
Monday	TORONTO ISLANDS - birds	lakeshore, Toronto
May 21	Leaders: Helen Smith & Mary Noad & others	
9 am	Meet at the ferry docks at the foot of Bay St. Bring lunch.	
Tuesday	HIGH PARK - birds	Toronto
May 22	Leader: Verna Higgins	
6:45 pm	Meet at the park entrance on the south side of Bloor St. West opposite High Park Ave.	
Wednesday	*GUILD INN - nature walk	lakeshore, Scarborough
May 23	Leader: Betty Greenacre	
10 am	See directions for May 19. Bring lunch.	
Thursday	CASTLE FRANK CREEK - spring flowers	Don trib., Toronto
May 24	Leader: Dr. Nick Badenhuizen	
6:45 pm	Meet just outside the Rosedale subway station. Walk will end at St. Clair and Bathurst.	
Saturday	COLONEL DANFORTH PARK - spring flowers	Highland Creek, Scarborough
May 26	Leader: Paul McGaw	
11 am	Meet at the park entrance on the south side of Kingston Road at Colonel Danforth Trail. Those in cars may wait in parking lot in the valley until the people coming by bus walk down the hill. The leader will meet those coming by bus at the park entrance. Bring lunch and extra water.	
Sunday	** WEST HUMBER - nature walk	Humber, Etobicoke
May 27	Leader: Dennis Clarke	
2 pm	Meet at the southwest corner of Kipling Ave. and John Garland Blvd. Walk will end at a different public transit stop.	
Tuesday	CEDARVALE RAVINE - birds	Don, Toronto
May 29	Leader: Herb Elliott	
6:45 pm	Meet at the Heath St. exit of the St. Clair West subway station (at Bathurst St.).	
Wednesday	* EAST POINT - nature walk	lakeshore, Toronto
May 30	Leader: Graham Neville	
10 am	Meet at the foot of Morningside Ave. (east end of Guildwood Parkway). Bring lunch and extra water. Walk will end at a different public transit stop.	
Thursday	LOWER HUMBER - spring flowers	Humber, Etobicoke
May 31	Leader: Isabel Smith	
6:45 pm	Meet at the west end of the Queen streetcar line. Walk may end at a different public transit stop.	

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## TFN OUTINGS (cont'd)

## June

- Saturday ROUGE VALLEY - nature walk Rouge, Scarborough  
 June 2 Leader: Molly Campbell & Eva Davis  
 10 am Meet at the northeast corner of Sheppard Ave. East and Meadowvale Rd. to walk north. Bring lunch and extra water.  
 + Walk will end at a different public transit stop.
- Saturday HIGH PARK - nature arts Toronto  
 June 2 Leader: Margaret Emminghaus  
 10:30 am Meet at the entrance to the park on the south side of Bloor St. West opposite High Park Ave. Bring camera, sketching materials and stool, or just come and enjoy. Lunch optional.
- Sunday PROSPECT CEMETERY - old shorelines & glacier tracks York  
 June 3 Leader: Ken Cook  
 11 am Meet at the entrance on the north side of St. Clair Ave. West opposite Lansdowne Ave. Bring lunch. Walk will end at a different public transit stop.
- Monday LAMBTON WOODS - evening ramble Humber, Etobicoke  
 June 4 Leader: Ilmar Talvila  
 6:45 pm Meet at the entrance to James Gardens on Edenbridge Dr. just east of Royal York Road (north of Dundas St. West).
- Wednesday TAYLOR CREEK - treasure hunt for Environment Week Taylor Cr., East York  
 June 6 Leader: Melanie Milanich  
 10 am Meet just outside the Victoria Park subway station. Bring work gloves and waterproof footwear. This will be a combined nature walk and litter pick-up. Bring lunch. Bags provided.
- Saturday ROUGE VALLEY - nature walk Rouge, Scarborough  
 June 9 Leader: Eva Davis & Molly Campbell  
 10 am Meet at the northeast corner of Sheppard Ave. East and Meadowvale Rd. to walk south. Bring lunch and extra water.  
 Walk will end at a different public transit stop.
- Sunday \*\*CHAPMAN CREEK - nature walk Humber, Etobicoke  
 June 10 Leader: Alfred Adamo  
 2 pm Meet on the west side of Scarlett Rd. at Chapman Rd., four blocks north of Eglinton Ave. West.
- Tuesday SHERWOOD PARK - evening ramble Burke Brook, Toronto  
 June 12 Leaders: Geoff and Eileen Chopping  
 6:45 pm Meet at the southeast corner of Yonge and Lawrence Ave.  
 Walk will end at a different public transit stop.

JIM BAILLIE NATURE RESERVE - From Uxbridge drive north on County Road #1 to Leaskdale. Continue on #1 for approximately 2½ miles (4 km) and turn east on Fowlers Road (formerly Stevenson Sideroad). (See next page for outing.)

## JUNE OUTINGS (cont'd)

- OUT OF TOWN**
- Wednesday      ROWNTREE MILLS PARK - nature walk      Humber, North York  
 June 13      Leader: Billie Bridgman  
 10:30 am      Meet on the bridge over the Humber (the northwest corner of Finch Ave. West and Islington Ave.). Bring lunch.
- Saturday      JIM BAILLIE NATURE RESERVE - nature study      northeast of Metro  
 June 16      Leaders: club directors  
 8 am to 6 pm      Call Kay Lane at 221-6343 if you want to attend. Confirm by sending your cheque (NOT post-dated) to Kay at 564 - 65 Ellerslie Ave., Willowdale M2N 1Y1. Cheque for \$20 should be made payable to TORONTO FIELD NATURALISTS RESERVE OUTING. Bus leaves from the southeast corner of Yonge St. and Old York Mills (south exit of York Mills subway station). Bring lunch and extra water. Washrooms on bus and at the reserve. Waterproof footwear and work gloves are recommended.
- CARS      For those coming in cars, we will be meeting for lunch at the picnic shelter from 12 noon to 1 pm. (See bottom of page 34.)
- Sunday      TAYLOR CREEK - nature walk from source of creek      Taylor Cr., Scarborough  
 June 17      Leader: Gavin Miller  
 11 am      Meet at the northeast corner of Victoria Park and Terraview Blvd. (first street south of Hwy. 401 and north of York Mills Road). Bring lunch and extra water. Walk will end at a different public transit stop.
- Tuesday      NEWTONBROOK CREEK - nature arts      East Don trib., North York  
 June 19      Leader: Joyce Cave  
 10:30 am      Meet at the southeast corner of Cummer Ave. and Silverview Dr. Bring camera, sketching material and stool, or just come and enjoy. Also bring lunch.
- Wednesday      \* LAKESHORE - nature walk      lakeshore, Scarborough  
 June 20      Leader: Ruth Munson  
 10 am      Meet at the southwest corner of Lawrence Ave. East and Port Union Rd. Bring lunch.
- Thursday      HIGH PARK - evening ramble (to see lupines flowering)      Toronto  
 June 21      Leader: Isabel Smith  
 6:45 pm      Meet at the park entrance on the south side of Bloor St. West opposite High Park Ave.
- Saturday      SUNNYBROOK PARK - ferns      West Don, North York  
 June 23      Leader: Molly Campbell  
 10 am      Meet at the entrance to Sunnybrook Hospital (bus 28B from either Lawrence or Davisville). Bring lunch. Walk may end at a different public transit stop.
- Sunday      \*\* HUMBER COLLEGE - nature walk      West Humber, Etobicoke  
 June 24      Leader: Phil Joiner  
 2 pm      Meet at the southwest corner of Highway 27 and Humber College Blvd.

&gt;

JUNE OUTINGS (cont'd)

- |           |  |                        |
|-----------|--|------------------------|
| Wednesday | *LAKESHORE - nature walk   | lakeshore, Scarborough |
| June 27   | Leader: volunteer needed   |                        |
| 10 am     | Meet at the southeast corner of Lawrence Ave. East and Port Union Road. Bring lunch.             |                        |
| Friday    | DOWNTOWN - urban geology   | Toronto                |
| June 29   | Leaders: Ed & Priscilla Freeman  |                        |
| 6:45 pm   | Meet at the southwest corner of Bay and Front. Walk will end at a different public transit stop. |                        |



### *One way of starting to learn*

THE INSECTS

is to try to recognize at least one family - or if possible, species - in each of the seventeen local field-insect orders (leaving out eight orders of minute and wholly parasitic insects).

*You probably have quite a list already, for example:*

*silverfish, springtail, mayfly, dragonfly, grasshopper, termite, stonefly, earwig, milkweed bug, cicada, lacewing, ladybird beetle, scorpionfly, caddisfly, monarch butterfly, housefly, honey bee.*

Each of the above is in a different order, and you, of course, know a good many of their close relatives as well.

Ref.: Borror & White  
A FIELD GUIDE TO THE INSECTS

July

- Sunday July 1 10:30 am EAST DON - nature walk Leader: Robin Powell Meet on the south side of Finch Ave. East, opposite the plaza which is halfway between Bayview and Leslie. Bring lunch and extra water. Walk will end at a different public transit stop. East Don, North York

JULY OUTINGS (cont'd)

Wednesday	*MARIE CURTIS PARK - nature walk Leader: Ann Millett Meet on the bridge over Etobicoke Creek on Lake Shore Blvd. W. Bring lunch.	lakeshore, Etobicoke
July 4		
10 am		
Thursday	WARDEN WOODS - nature walk Leader: Dennis Clarke Meet at the northwest corner of St. Clair Ave. East and Warden. Walk will end at a different public transit stop.	Taylor Creek, Scarborough
July 5		
6:45 pm		
Saturday	WILKET CREEK PARK - birds & butterflies Leaders: Don Peuramaki & Bill Edmonds Meet at the park entrance on the west side of Leslie Street just north of Eglinton Ave. East (opposite the Inn on the Park). Bring lunch.	West Don, North York
July 7		
9 am		
+		
Saturday	WILDFLOWER GARDEN - nature arts Leader: Paul McGaw Meet at the southwest corner of Warden and St. Clair Ave. East. Bring cameras, sketching material and stool and lunch or just come and enjoy. (For those driving we will be walking to 43 Annaconda).	Scarborough
July 7		
10 am		
Sunday	**HUMBER VALLEY - nature walk Leader: Sandy Cappell Meet at the western terminal of the Queen streetcar line. Walk will end at a different public transit stop.	Humber, Etobicoke
July 8		
2 pm		
Wednesday	EARL BALES PARK - nature walk Leader: Joan Patterson Meet at the Recreation Centre just inside the north end of the park (south of Sheppard Ave. West on the west side of Bathurst St.). Bring lunch.	West Don, North York
July 11		
10 am		
Friday	DAVENPORT HILL - nature walk Leader: Sandy Cappell Meet outside the Summerhill subway station. Walk will end at a different public transit stop.	Toronto
July 13		
6:45 pm		
Saturday	KEELE VALLEY LANDFILL & MYSTERY TOUR Leader: Phil Joiner Call Kay Lane (221-6343) if you want to attend. Confirm by sending a cheque for \$20 ( <u>NOT</u> post-dated), made payable to TORONTO FIELD NATURALISTS KEELE VALLEY OUTING, to Kay Lane at 564 - 65 Ellerslie Ave., Willowdale M2N 1Y1. Bus leaves southeast corner of Yonge and Old York Mills Rd. (south exit of York Mills subway station). Bring lunch and extra water. Washroom on bus.	northwest of Metro
July 14		
9 am		
to 5 pm		
BUS		

OUT OF  
TOWN

## JULY OUTINGS (cont'd)

Sunday July 15 10 am	DON VALLEY - honey bees Leader: Dan Zilztra Meet on the north side of O'Connor Drive at Beechwood Dr., just east of Broadview Ave. Those in cars can park in the valley at the foot of Beechwood Dr. Lunch optional.	Don Valley, East York
Tuesday July 17 10:30 am	METRO ZOO - nature arts Leader: Betty Greenacre Meet at the zoo entrance. Bring cameras, sketching material and stool or just come and enjoy. Lunch optional.	Rouge, Scarborough
Wednesday July 18 11 am	TORONTO ISLANDS - nature walk Leader: Isabel Smith Meet at the ferry docks at the foot of Bay St. Bring lunch.	
Thursday July 19 6:45 pm	TAYLOR CREEK - evening ramble Leader: Melanie Milanich Meet just outside the Victoria Park subway station.	Taylor Creek, East York
Saturday July 21 9 am	LESLIE STREET SPIT - birds Leader: Tim Hough Meet at the park entrance at the foot of Leslie Street. Lunch optional.	Lakeshore, Toronto
Sunday July 22 2 pm	**HUMBER VALLEY - nature walk Leader: Nancy Fredenburg Meet at the Old Mill subway station. Walk may end at a different public transit stop.	Humber, Etobicoke
Tuesday July 24 6:45 pm	BELTLINE - evening ramble Leader: Bill Granger Meet at the entrance to Mt. Pleasant Cemetery which is on the east side of Yonge St. two and a half blocks north of St. Clair.	Toronto
Wednesday July 25 11 am	ECHO VALLEY PARK - nature walk Leader: Cathy Heynes Meet at the park entrance on the west side of Kipling Ave. just north of Dundas St. West. Bring lunch.	Mimico Creek, Etobicoke
Sunday July 29 11 am	BRIMLEY WOODS - nature walk Leader: Gavin Miller Meet at the northeast corner of Finch Ave. East and Brimley Rd. Bring lunch. Walk may end at a different public transit stop.	Highland Creek, Scarborough
Monday July 30 6:45 pm	TAYLOR CREEK RAVINE - evening ramble Leader: Anna Leggatt Meet at the northeast corner of Woodbine Heights Blvd. and St. Clair Ave. East (at Presteigne/Woodbine Heights United Church). (Take Bus #91A from Woodbine subway station.) Wear waterproof footwear. The terrain is steep and wet.	Taylor Creek, East York



**TFN OUTINGS (cont'd)**

August

- |           |  |                              |
|-----------|--|------------------------------|
| Wednesday | * SAM SMITH PARK - nature walk<br>Leader: volunteer needed<br>Meet on the south side of Lake Shore Blvd. West at the foot of Kipling Ave. Bring lunch. Walk will end at a different public transit stop.   | lakeshore, Etobicoke         |
| Saturday  | CASSELS GARDEN - nature arts<br>Leader: Miriam Faibish<br>Meet at the exit turnstile in the North York Centre subway station. Bring camera, sketching material and stool, or just come and enjoy. Lunch optional.  | North York                   |
| Sunday    | **HUMBER VALLEY - nature walk<br>Leader: Diana Karrandjas<br>Meet at Lambton Park which is on the north side of Dundas St. West, just east of the Humber River (west of Jane St.). Walk will end at a different public transit stop.   | Humber, York/Etobicoke       |
| Monday    | CASTLE FRANK - nature walk<br>Leaders: Helen and Aarne Juhola<br>Meet outside Castle Frank subway station. Walk will end at Todmorden Mills where Simcoe Day celebrations (12 noon to 5 pm) will be getting started when we arrive. Lunch optional. Refreshments will be available at Todmorden. | Don, Toronto/East York       |
| Tuesday   | HOGG'S HOLLOW - evening ramble<br>Leader: Betty Paul<br>Meet at the south exit of the York Mills subway station.   | West Don, North York         |
| Wednesday | RONTREE MILLS PARK - nature walk<br>Leader: Billie Bridgman<br>Meet at the northwest corner of Finch Ave. West and Islington Ave. Bring lunch.   | Humber, Etobicoke/North York |
| Sunday    | LESLIE STREET SPIT - birds<br>Leader: Don Burton<br>Meet at the foot of Leslie Street. Morning only.   | lakeshore, Toronto           |
| Wednesday | EAST DON - nature walk<br>Leader: Cathy Heynes<br>Meet at the plaza on the north side of Finch Ave. East half way between Bayview and Leslie. Bring lunch. Walk will end at a different public transit stop.   | East Don, North York         |
| Thursday  | BELTLINE - evening ramble<br>Leader: Nancy Fredenburg<br>Meet at the Eglinton West subway station (Spadina line). Walk will end at a different public transit stop.  | Toronto                      |

## AUGUST OUTINGS (cont'd)

Saturday August 18	WEST HILL WATERWAYS - nature walk Leader: Raphael Sussman 11 am to 2:30 pm	Meet at the southwest corner of Manse Rd. and Lawrence Ave. East. Bring lunch and extra water.	Highland Cr., Scarborough
Sunday August 19	**HUMBER VALLEY - nature walk Leaders: Helen & Aarne Juhola 2 pm	Meet on the north side of Eglinton Ave. West at Emmett Ave. (between Jane & Scarlett Rd.). Walk will end at a different public transit stop.	Humber, York
Tuesday August 21	HARBOURFRONT - nature arts Leader: Mary Cumming 10:30 am	Meet at the southwest corner of Bay and Front. Bring camera, sketching material and stool. Lunch optional. Everyone welcome.	Lakeshore, Toronto
Wednesday August 22	COLONEL DANFORTH PARK - nature walk Leader: Karin Fawthrop 10 am	Meet at the park entrance which is on the south side of Kingston Road at Colonel Danforth Trail. Bring lunch. Parking in the valley. Bus people meet at stop for bus "Sc. 86".	Highland Cr., Scarborough
Friday August 24	CHERRY BEACH - evening ramble Leader: Robin Powell 6:45 pm	Meet at the southeast corner of Leslie Street and Commissioners St. Walk will end at a different public transit stop.	Lakeshore, Toronto
Saturday August 25	G.R. LORD PARK - birds Leader: Ross Harris 8:30 am	Meet at the park entrance on the east side of Dufferin St. opposite Martin Ross Ave., 2 blocks north of Finch Ave. West. Bring lunch.	West Don, North York
Wednesday August 29	TORONTO ISLANDS - nature walk Leader: Isabel Smith 11 am	Meet at the ferry docks at the foot of Bay St. Bring lunch.	Lakeshore, Toronto

**For Enjoyment of TFN Outings**

- Visitors and children are welcome on all outings.
- Outings go whatever the weather.
- All outings are accessible by public transit (TTC 393-4636, Ride Guides are free)
- Metro maps are available for a nominal sum. Do get one!
- Walks are usually at a leisurely pace and begin and end at the same location unless indicated otherwise.
- Note taking, sketching, photography and collecting of litter are encouraged, the collecting of specimens is discouraged.
- Please do not bring pets on outings. Dogs have been found to interfere with the environment, viewing and safety on the trail.
- Useful numbers: Police 967-2222; pollution complaints within Metro 965-9619.

## Membership Renewal Notice

Your current membership expires June 30, 1990. To renew your membership for the year July 1, 1990 to June 30, 1991 and ensure receiving a September newsletter, send payment by June 30, 1990 to the address on the back.

Please renew now to help spread the work-load for our volunteers and to save us the expense of sending the renewal notice, and please, NO post-dated cheques!

I wish to [ ] renew (check your name and address on back)  
[ ] give a donation

Remittance enclosed in the amount of:

- [ ] \$20 Family (2 adults, same address, children included)  
[ ] \$15 Single [ ] \$15 Senior family (2 adults 65+)  
[ ] \$10 Student [ ] \$10 Single senior  
[ ] \$ \_\_\_\_\_ Donation (tax receipts issued for donations)



"Leaves of three, let it be!" Poison ivy, the leaf of which bears three leaflets, is common in Toronto. Picking may also pose other problems; besides the health hazards, depending on the plant in question, there is legislation against picking in parks. If fallen leaves, twigs, and fruits are taken home to study or draw, this also involves some care and thought, if the material is to remain sufficiently fresh...as you may already have found out.

**TORONTO FIELD NATURALISTS**  
**20 College St., Suite 4**  
**Toronto, Ontario M5G 1K2**

(416) 968-6255

**SECOND CLASS MAIL**  
**Registration Number**  
**6669**

## **TORONTO FIELD NATURALIST**

Published eight times a year by the Toronto Field Naturalists, a charitable, non-profit organization, the aims of which are to stimulate public interest in natural history and to encourage the preservation of our natural heritage.

### **OTHER PUBLICATIONS**

<p><b>TORONTO FIELD NATURALISTS' CLUB: ITS HISTORY AND CONSTITUTION, 1965 .....</b> \$ .50</p> <p><b>CHECKLIST OF PLANTS IN FOUR TORONTO PARKS: WILKET CREEK, HIGH PARK, HUMBER VALLEY, LAMBTON WOODS, 1972 .....</b> .50</p> <p><b>TORONTO THE GREEN, 1976</b>            Metropolitan Toronto's important natural areas are described and recommendations given for their conservation and management; includes maps, bibliography and index ..... 2.50</p> <p><b>FIELD CHECKLIST OF PLANTS OF SOUTHERN ONTARIO, 1977 .....</b> 5/\$1.00 or ..... .25 ea.</p> <p><b>TORONTO FIELD NATURALISTS' RAVINE SURVEYS .....</b> 2.00 ea.            Survey #1 - Chatsworth Ravine, 1973            Survey #2 - Brookbanks Ravine, 1974            Survey #3 - Chapman Valley Ravine, 1975            Survey #4 - Wigmore Ravine, 1975            Survey #5 - Park Drive Ravine, 1976            Survey #6 - Burke Ravine, 1976            Survey #7 - Taylor Creek-Woodbine Bridge Ravines, 1977            Survey #8 - West Don Valley, 1978</p>	<p><b>INDEX OF TFN NEWSLETTERS (1938-1978)</b>            ..... 10.00</p> <p><b>ANNUAL TFN INDEX .....</b> .25 ea.</p> <p><b>TORONTO REGION BIRD CHART, 1983 ..</b> 2.00</p> <p><b>A GRAPHIC GUIDE TO ONTARIO MOSES, 1985 .....</b> 2.00</p> <p><b>TORONTO REGION VERTEBRATE LIST (fishes, amphibians, reptiles, mammals), 1985 .....</b> 5/\$1.00 or ..... .25 ea.</p> <p><b>TORONTO REGION BIRD LIST, 1985 ..</b> 5/\$1.00            or ..... .25 ea.</p> <p><b>GUIDE TO THE TORONTO NATURALISTS' NATURE RESERVE, LEASKDALE, ONT., 1986 .....</b> 2.00</p> <p><b>TORONTO ISLANDS: PLANT COMMUNITIES AND NOTEWORTHY SPECIES, 1987 ..</b> 2.00</p> <p><b>TODMORDEN MILLS, 1987 .....</b> 2.00</p>
All publications are available at the monthly general meetings or may be ordered from Toronto Field Naturalists, 20 College St., Suite 4, Toronto, Ontario M5G 1K2. (Add \$1.00 per item for postage and handling.)	

### **MEMBERSHIP FEES**

**\$20 FAMILY (2 adults - same address, children included)**  
**\$15 SINGLE, SENIOR FAMILY**  
**\$10 STUDENT, SENIOR SINGLE**  
 Tax receipts issued for donations

Membership fees and address changes should be sent to:  
 20 College St., Suite 4, Toronto, Ontario M5G 1K2