

TORONTO FIELD NATURALIST

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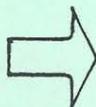
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TFN MEETINGS

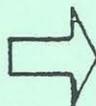
Sunday, May 1, 1994 - ASTRONOMY AND THE EXTINCTION OF THE DINOSAURS
at 2:30 pm
in the Northrop Frye Hall-
Victoria University
73 Queen's Pk. Cres. East

an illustrated lecture by Marshall McCall,
Professor, Dept. of Physics and Astronomy, York University.
Fossils show us that millions of years ago giant
reptiles roamed the Earth. Yet, where are they now?
In recent years scientists have concluded that past
collisions of the Earth with large extraterrestrial
bodies caused widespread death of existing life forms.
The speaker reviews the history of mass extinctions
and ideas about the nature and origin of the
intruders, and summarizes implications for the future.



- TFN RENEWALS will be accepted and new memberships sold. [See page 39 for renewal form.]
- All TFN publications will be available for sale from 2 pm to 4 pm outside the lecture room. Get your check lists, pins, decals and crests, etc.
- Coffee and juice will be available during the "social hour" starting at 2 pm.
- "Always Alice Cards" will be for sale. Your chance to order custom cards or buy unique greeting cards from TFN member Alice Mandryk (416-767-6149).

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NEXT MEETING: Sunday, September 11, 1994; NEXT NEWSLETTER: Sept. 1994

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USEFUL NUMBERS:

TTC (information on routes and timetables): 393-4636
Pollution complaints: 325-3000 or after 4 pm 1-800-268-6060
Weather: 676-3066

IT'S YOUR NEWSLETTER!

Requested: essays (no longer than 500 words), reviews (no longer than 300 words), poems, cartoons, sketches and newspaper clippings.

Subjects: plants, animals and natural areas in the Toronto region, especially reports of personal experiences with wildlife.

Please include your name, address and telephone number so submissions can be acknowledged. With newspaper clippings, include source and date of each clipping.

Time dated material such as notices of meetings should be submitted at least six weeks before the month in which the event is to take place.

Send material to: Toronto Field Naturalists
20 College St., Unit 11
Toronto, Ont. M5G 1K2

PRESIDENT'S REPORT

This month I'd like to bring you up-to-date on the progress of the Metro Toronto and Region Remedial Action Plan (RAP). Our area is one of the severely polluted Areas of Concern that the International Joint Commission identified around the Great Lakes. A watershed approach to remediation has been adopted because the six rivers that drain the region affect the lake water quality. The region stretches from Lake Ontario north to the Oak Ridges Moraine, and from Etobicoke Creek to the Rouge River. Stage 1 of the plan pinpointed the problems and their probable causes. The booklet "Strategies for Restoring Our Waters" provides highly readable information on these aspects, along with twelve goals for achieving a healthy ecosystem.

Now with the recent publication of the draft "Clean Waters", the RAP process has advanced to the end of Stage 2. The goals have been translated into precise actions for dealing with the causes of pollution. For example, urban runoff is a primary source of contaminants. Watersheds used to be big sponges that allowed water to drain slowly. Now water rushes downstream rapidly. Preventative measures such as shoreline naturalization, restoration of wetlands and, where feasible, disconnection of downspouts are the preferred treatment methods. Obviously these are impractical in paved downtown Toronto. Hence best management practices such as regular street sweeping to lessen the amount of sediment in stormwater, will have to suffice.

The report also lists which agencies are responsible for certain actions, and the probable costs. Planning is especially important in the headwaters where funds needed for prevention are a fraction of what would be necessary for later remediation. Timetables have been suggested, with some short-term projects such as restoring degraded aquatic habitats, while others such as eliminating combined sewer overflows will take much longer. Finally, a monitoring program will be established to keep track of progress.

The RAP is now entering Stage 3 -- implementation -- which will last until the problems have been solved. Much progress has occurred since the nineteenth century when immigrants brought typhus and cholera to Toronto. But obviously we have a long way to go before our water is "fishable, swimmable, and drinkable". We have been urged to think globally, and we know that Planet Earth is a finite system. Isn't it amazing that the water we drink is the same water that Cleopatra drank! But we must act locally. The problem is all of us. "We are all polluters and must be part of the solution". Each of us has a responsibility to become informed about how we can cooperate to hasten the day when the ecosystem has been restored to health.

Joan O'Donnell

□

*Where the effluent comes out,
right there beneath Dawes Road,
the little tot did not mince words,
"OO-ooo! It stinks!" he crowed.*

*Diana Banville
Taylor Creek Park
July 24, 1990*

REPORT OF THE NOMINATING COMMITTEE

The Nominating Committee, chaired by Eileen Mayo, recommends the following slate of nominees to the Board for the 1994-95 year:

President:	Joan O'Donnell
Vice President:	Allan Greenbaum
Past President:	Eileen Mayo
Directors due to retire in 1995:	Alexander Cappell Nancy Fredenburg Aarne Juhola
Directors due to retire in 1996:	Karin Fawthrop Ken Cook Morris Sorensen
Directors due to retire in 1997:	Tracy Butler Helen Juhola Ann Millett*

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".

Eileen Mayo, Chairman
Nominating Committee

* Introduction: Ann Millett is a retired primary school teacher who has continued to teach children in nature subjects -- first as a volunteer and later as staff at Todmorden Mills. She also volunteers to take school groups on trips when TFN is called to find someone to do this. Recently Ann has been a volunteer at the Toronto Wildlife Centre where she has fed and cleaned the cages of some 100 species of animals. She is also a volunteer at the Metro Zoo and has been organizing most of TFNs midweek outings for the past year.

...Great are the changes on the face of the earth within the city limits in the past few hundred years, but the sun and the stars look down on it now as they did a million years ago, the seasons march across it according to ancient and unhurried schedule, and if we look in the right places, we can find things that have not changed...

from A NATURAL HISTORY OF NEW YORK CITY (Revised, Abridged), by John Kieran, published by American Museum of Science, 1971.

PROJECTS

RED-SHOULDERED HAWK SURVEY

Volunteers willing to conduct one four-hour roadside survey, sometime within the last two weeks of April 1994 or 1995 in south-central Ontario are needed. Information and equipment (except a car and binoculars) will be provided. For more information or to participate, contact Lisa Enright, Project Coordinator, Red-shouldered Hawk Survey, Long Point Bird Observatory, P.O. Box 160, Port Rowan, Ont. NOE 1M0 or call 519-586-3531.

ADOPT A CREEK [Saturday, May 7 from 10 am to 12 noon]

Helpers are needed to clear litter from Tyler Creek. Meet on north side of Eglinton Ave. East at Bob Bannerman Motors, just east of Sloane Ave. Wear boots, rubber gloves or garden gloves and bring a garbage bag. Many hands make light work. For more information call Kathleen Fall at 751-4617.

YOUNG ORNITHOLOGISTS' WORKSHOP

From Sunday, July 3 to Sunday, July 10, students learn how to identify, "age" and "sex" birds, and to study their populations and behaviour. Instruction will be provided on taking field notes, making detailed observations, bird banding, preparing specimens for scientific study, and censusing birds. Field trips may include a trip to the tip of Long Point as well as other places of local interest such as Backus Woods, Turkey Point, South Walsingham Sand Ridges, Big Creek Marsh. Evenings will include slide presentations and nocturnal field work. Space is limited to 6 participants, ranging in age from 13-17 years old. The cost is \$275, which includes accommodation, meals, travel while at Long Point, and instruction. Prospective participants are invited to send a letter, outlining their interest in birds, to Jon McCracken, Long Point Bird Observatory, Box 160, Port Rowan, Ont. NOE 1M0. by May 15, 1994.

ARCHEOLOGICAL FIELD SCHOOL FOR HIGH SCHOOL STUDENTS

All Ontario high school students are eligible to experience hands-on history and earn a senior history credit at an archeological excavation of a prehistoric native village which existed before native contact with Europeans. The dig begins Aug. 2 and ends Aug. 21 with a break during the weekend of Aug. 13-14. Students live in residence in a Conservation Field Centre near Woodbridge. Meals, accommodation and off-site trips are included. The school is sponsored by the York Region Board of Education in cooperation with the Royal Ontario Museum and the Metro Toronto and Region Conservation Authority (MTRCA). For applications and more information, contact MTRCA, 5 Shoreham Dr., Downsview, Ont. M3N 1S4 or call 416-661-6600, ext. 257.

LIEUTENANT GOVERNOR'S CONSERVATION AWARD

Awards recognizing outstanding achievement in conserving and protecting the natural environment are given each year to an individual, a non-government, non-profit or volunteer organization, and to a company, institution, business association or government agency. For more information contact the Conservation Council of Ontario, Suite 506 - 489 College St., Toronto M6G 1A5 or call 969-9637. Deadline is July 31, 1994.

□

40 STEPS TO A NEW DON (from a draft of the Don Task Force) Pat Ohlendorf-Moffat

We are all responsible for the Don. Regenerating this urban watershed is not something that others "out there" will do, neither a government agency nor an appointed committee on its own. Regeneration will happen over time as all of us living and working in the watershed begin considering the Don in our daily activities. We can change bad habits, take small, positive healing actions, and act as advocates for a healthy Don at our workplace, in our families, schools, and community groups. Regenerating the Don is above all a cooperative effort, requiring new partnerships among citizens, politicians, and municipal and agency employees.

What can I do? If I live in the watershed, I can really think about the fact that, as far as water is concerned, what goes around comes around. Whatever I allow to go down a storm sewer catchbasin--oil, paint, runoff water carrying salt, garden chemicals, the suds of driveway car washing--ends up very quickly in the nearest Don tributary and eventually in Lake Ontario, the source of our drinking water. I can change my habits; I can help organize a pick-up station for hazardous household wastes if there isn't one in my neighbourhood, or find alternatives to garden and sidewalk chemicals and encourage others to use them too. If I am a homeowner, I can think of my property as part of the watershed's tableland, connected to its groundwater and streams. How I plant my property, whether I grade it or pave it, means a little more or a little less rainwater and snowmelt percolating through the soil; it means a little more or a little less dirty runoff water rushing into streams.

As a resident, I can also care for the Don's natural habitats. The land around my house or apartment building is part of the watershed's upland forests or meadows. What I grow there, especially if I cooperate with my neighbours, may encourage birds and other wild life to pass through or take up residence. If I live on a ravine, I have a wonderful opportunity to keep a natural area healthy. No matter where I live, I can join or organize a community group to protect nature in our area. I can walk on the Don's trails and bring others along.

In my job, and using my talents and interests, I can be an advocate for the Don. If I am a teacher, I can introduce the next generation to the beauties and needs of natural areas. If I am a construction worker, I can use my knowledge and experience to protect nearby streams from sediment and construction debris. If I am a biologist, naturalist, horticulturalist, ecologist, or historian, I can contribute to the expanding knowledge base about the Don's past and present habitats.

If I work in a business or industry, I can do my part to see that our company protects water quality and habitats in our corner of the watershed, and I can promote financial or other support for Don restoration projects. If I am an artist, a photographer, a musician or a writer, I can focus on the Don, enabling others to see it more clearly too. If I'm just eight years old, I can plant a tree in the valley, and watch it grow as it helps regenerate the Don.

If I work for a government agency or a municipality, I can take a consistent stand for the environment in all plans and decisions made in my department. I can take the risk of being proactive, of trying new approaches, of engaging my professional creativity in regenerating the Don. I can welcome the initiatives and participation of others, from other departments, agencies or the public, for we are helping the Don regenerate together, as a community.

If I am a politician, I know that my council or parliament routinely makes decisions that affect the health of the watershed in many ways. I can influence my colleagues to make decisions that are positive for local environments, with benefits for decades, not just for a term of office. As a politician, I can also help community groups organize for the Don, and facilitate cooperation between citizens and government.

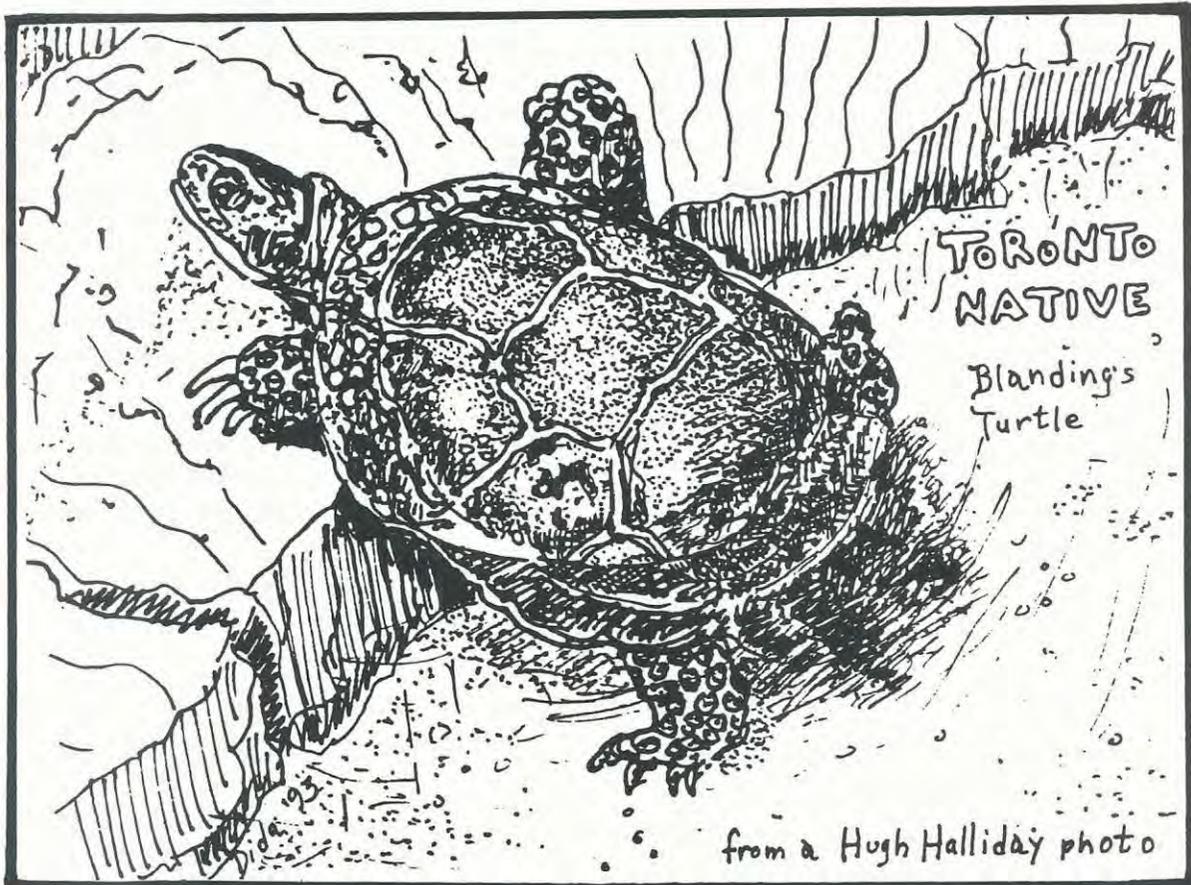
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HAVE YOU HEARD?

WHAT?	WHEN?	WHO?
peep...peep (loud)	March, April, May	Spring Peeper
thumb across plastic comb (for 1 second, repeated)	March, April	Striped Chorus Frog
quacking	March, April	Wood Frog
15-20 second trill	April - May	American Toad
wet hands rubbing balloon	April - May	Northern Leopard Frog
snoring	May	Pickerel Frog
2 second, loud, blurring trill	3rd week May - June + Aug., Sept.	Gray Treefrog
banjo twang	June, July	Green Frog
hammering, brief series	June, July	Mink Frog
jug-o-rum	June, July	Bull Frog

extracted from FAMILIAR AMPHIBIANS AND REPTILES OF ONTARIO by Bob Johnson; Natural Heritage/
Natural History Inc., 1989

Note: Please send your observations of amphibians and reptiles to
Bob Johnson, c/o Metro Toronto Zoo, P.O. Box 280, West Hill, Ont.
M1E 4R5. Include species, location, date and behaviour observed
such as singing, mating, etc. □



FOR READING

ORNITHOLOGY IN ONTARIO edited by Martin K. McNicholl and John L. Cranmer-Byng, Special Publication No. 1, Ontario Field Ornithologists, Hawk Owl Publishing, 1994, 400 pages, including 7 maps, 18 charts/tables, over 50 illustrations in black & white (photos, drawings, paintings, woodcuts), paperback \$24.95, available from TFN (phone 968-6255).

Did you ever wonder who put the "Forster" in "Forster's Tern"? Did you know that "Port Hope" was "Toronto" in Fothergill's day? That "Canada West" = "Ontario" (roughly speaking, in 1841)? Primarily historical, this book answers many questions in this vein that you might have. It helps to know your authors, since there are over 100 pages of literature cited, but no index! There are ten 2-6 page biographies, all of which are repeated in capsule form in the chapter of more than 100 one-paragraph biographies. It is helpful that these mini-biographies are cross-referenced to mentions elsewhere in the work. There are chapters on archeology, egg-collecting, bird-banding, bird observatories, co-operative studies, museums, and naturalists' clubs. Species accounts of ten species with changing status are included, mostly similar to the status in 1987 as described in the ATLAS OF THE BREEDING BIRDS OF ONTARIO, Cadman et al., but some accounts include more background data, and some of it is new; e. g. - the New World status and Old World status of the Little Gull are compared. The importance of fire cherry (pin cherry) is stressed as the lure for the Evening Grosbeak's eastward range-extension in a post-burn situation, and not solely the planting of Manitoba maples. (Did you know this bird retrieves cherry-pits voided by American Robins and crushes them for the pulp to feed its young?) The book is dedicated to Doris Huestis Speirs who is included in the mini-biographies. Work of hers, up to 1968 only, is cited in the species account on the Evening Grosbeak. The frontispiece is a beautiful portrait of Mrs. Speirs holding an image of her favourite bird.

There is much that is tantalizing about this long-awaited book. Curiosity is aroused by the wealth of material but answers are not readily retrievable. It is unfinished - a house with no roof. A unifying index would give the work immeasurably greater value.

Diana Banville □

TICK/FLY SPRAY

The following concoction not only smells good but appears to be very effective for both people and pets. It has been used by USDA Forest Service employees in the Southeast for the past four seasons with very good results:

- 2 cups white vinegar
- 1 cup Avon Skin-So-Soft bath oil
- 1 cup water
- 1 tablespoon eucalyptus oil (available at drugstores & health food stores)

adapted from a notice in the NEWSLETTER of the Michigan Entomological Society, Vol. 38, No. 2 & 3, August 1993

SCULLING AND WILDLIFE ON THE HUMBER RIVER

When spring arrives the scullers of the Argonaut Rowing Club begin training on the stretch of the Humber River between Lake Ontario and the Bloor Street bridges. That section of river is known as the Humber Marshes and is one of the city's most important wildlife areas. The attraction to the scullers is the ability to train on protected waters with a sluggish current. Because of the tight turns the larger club shells generally stay out of the river.

For me the most intriguing aspect of rowing on the Humber is that for the most part the river is a quiet oasis in the middle of the city. At times it seems hardly possible that one is in the middle of the city. Without a boat the Humber marshes are relatively inaccessible. Most of the marsh consists of stagnant ponds. In some areas of the marsh steep slopes leading down to the floodplain bar any ready access to the river.

Scullers propel their thin lightweight boats with oars, barely making a sound or disturbing the water. This provides a good platform for watching the wild life. I have been sculling and watching the wildlife on the Humber for over twenty years.

For the scullers the most apparent wildlife are the birds, especially the waterfowl. In the spring the Canada geese dominate the river. The geese are very active throughout April with their mating rituals. By the second week of May the goslings have hatched and are out swimming with their parents.

During the last two summers a pair of mute swans has made the Humber Marsh its territory. The swans aggressively defend their territory against other swans, geese and even the scullers. The male of the pair occasionally takes a run at the passing scullers and canoeists. Watching the huge male charging at you is a disquieting experience. The swan ends its feint by landing a few feet behind the shell flapping its wings while the sculler pulls away as hard as possible. The swans' large nest can be seen set well back from the river in the middle of one of the ponds. Once the cygnets are hatched they follow their parents throughout the marsh.

Of course, there are plenty of mallards throughout the summer. The ducklings appear in August and sometimes as late as the beginning of September.

In the middle of summer there are often several dozen black-crowned night herons perched on low branches hanging over the water. Throughout the summer there are solitary great blue herons wading in the shallows. These large birds are very shy and when disturbed will take off and find some other location in the marsh.

Many other birds are also seen on a regular basis. Among them the red-winged blackbirds arrive early in spring, sometimes before all the ice is out, and stay into October. The red-winged blackbird's distinctive call is one of the most familiar sounds in the marsh. Swallows make their nests in some of the higher banks of the river. The occasional kingfisher will swoop across the river, inches above the water. Although I did not hear or see them last summer, there have been in the past some pheasants nesting on the drier parts of the marsh. Hawks regularly patrol the marsh area looking for mice and rabbits.

HUMBER MARSHES (cont'd)

Although not actually in the Humber Marsh, a small colony of common terns spend the summer on the breakwall at the mouth of the Humber. The terns use the wall as a base for fishing during eight or ten weeks. A few of the larger Caspian terns join the common terns for part of the summer. That may change with the construction work scheduled for that area this coming summer. The terns are normally gone by the end of August.

In the early spring before the new leaves appear, the marsh seems lifeless. By June the marsh takes on a more pleasant appearance when the cattails are full grown and tower over the river banks. The appearance of purple loosestrife has been noted during the past five years but for now seems to be restricted to the lower Humber. From time to time a receding bank causes a tree to be undermined and tumble into the river. Such is the life of the marsh.

Other wildlife visible to the scullers include the odd muskrat swimming across the river. Although I have not seen them for a couple of summers there have been beavers in the marsh. I suspect that someone has trapped them out. Occasionally turtles are seen basking on a log or a deadhead.

The fish are more difficult to see but still make their presence felt. Late in May the mating carp will be churning the waters in the shallows along the river banks. In the fall salmon make their way up the river, occasionally bumping the bottom of the boat. Catfish are also present in the Humber.

During the past twenty years or so that I have used the river it seems to me that more and more wildlife has returned. This is especially true of the birds and fishes. There are, however, some annoying problems. There are occasionally oil spills on the river from sources difficult to determine. Debris on the river is especially common after a severe rainfall. There is some power boat traffic on the river. Some of the boats using the river are careless, speeding and causing waves that erode the banks. There are a number of areas where silting is becoming noticeable. One can always tell a Sunday morning during mid-summer by the number of dead fish and empty beer bottles floating on the river. These are the results of Saturday fishing expeditions. The debris lining the banks includes chairs, tires, beer cases and shopping carts.

Despite the pollution and debris, the Humber Marshes remain for the most part a quiet wildlife area in the heart of the city. The few boaters that use the area on a regular basis are thankful for it.

Xavier Macia

□

Through break in black clouds
brilliant cascade of sunshine
spawns misty rainbow.

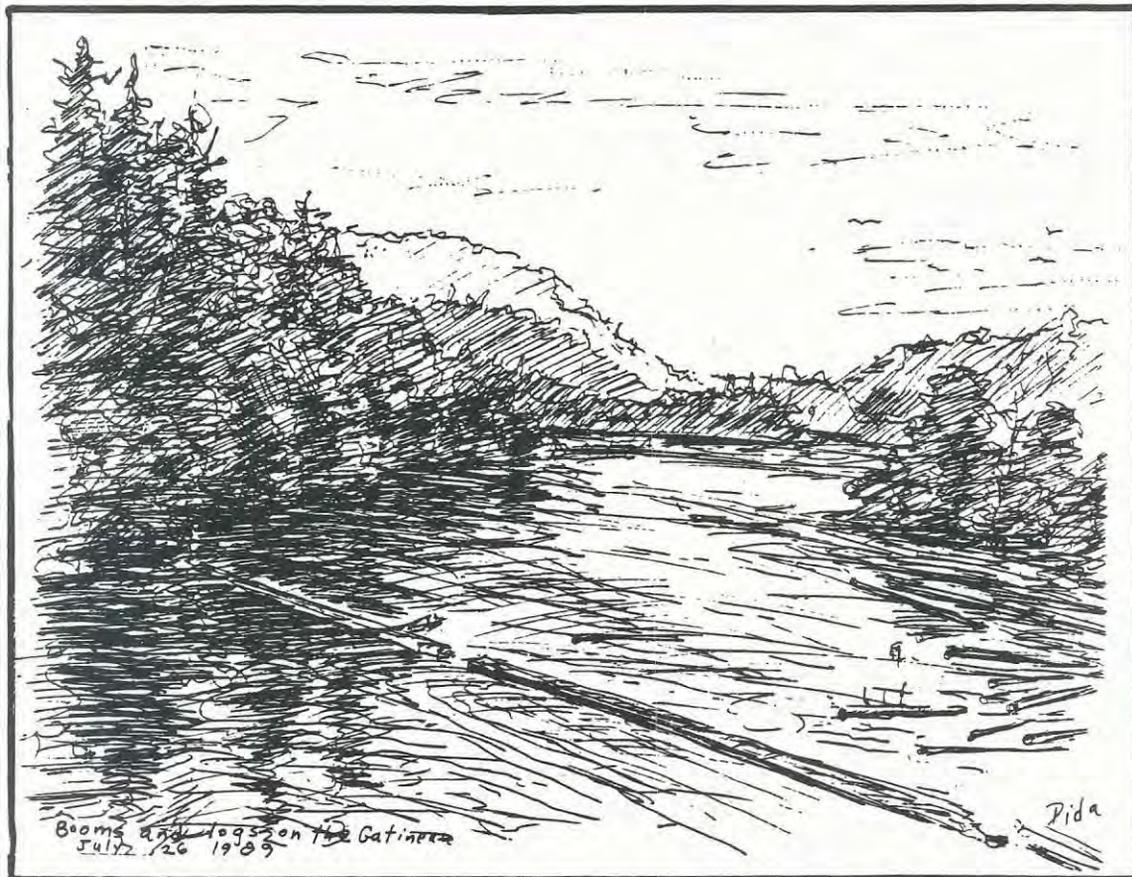
Haiku by J. Kenneth Cook

THOSE DARN MOSQUITOES

...Mosquitoes use a combination of odour and heat to detect their host. Repellents can mask our odour and confuse the mosquito's receptors. Avoid using perfumed soaps and shampoos. Dark clothing attracts mosquitoes, while neutral colours such as tans are less attractive. Certainly long sleeved shirts, trousers and socks rolled over pant legs greatly reduce the area of exposed skin. Lastly, wear a hat and ignore the buzzing. If they're flying they're not biting. Waving your hands around will only cause you to sweat and make your presence more noticeable to mosquitoes in the area...

extracted from an article in CONSERVATION CLIPS (Lake Simcoe Region Conservation Authority), Vol. 11, No. 1, 1992

□



THE GATINEAU RIVER is said to be the clearest in Quebec - good for swimming as long as you don't duck your head under and get pulp in your eyes. The girth of the logs which flow downstream nowadays, long-time cottagers can describe with a spanning gesture of the hands, compared with an expanded hugging gesture of the arms required to describe the size of those of other days within memory. The squared-off booms, fastened together with chains, are from British Columbia giant trees. Small craft often have to skirt around them to reach their docks. There's one advantage - it's comparatively quiet - there's no speeding on the Gatineau.

DB

TWO CHOICE EDIBLES



Golden Chanterelle
Cantharellus cibarius

Fruiting body: 1½" - 6" across, centrally depressed in age, margin inrolled and wavy, bright yellow to pale orange, in mixed woods.

Stipe: colour of cap, thick veins (not gills), extending down stalk.

Flesh: firm, thick, yellowish.

Spore deposit: pale yellow.

Odour: apricot.

Season: July to August.

Edibility: "Choice", but care should be taken not to confuse this with three poisonous look-alikes: *Gymnopilus spectabilis*, *Omphalotus olearius* (Jack O'Lantern), *Hygrophoropsis aurantiaca* (The False Chanterelle).



Horn of Plenty
Craterellus cornucopioides

Fruiting body: trumpet-shaped, dry, dark gray-brown caps, with wavy margin, in cespitose clusters, under hardwoods.

Stipe: dingy brown, irregularly veined (not gilled).

Flesh: thin, brittle, dull brown.

Spore deposit: white.

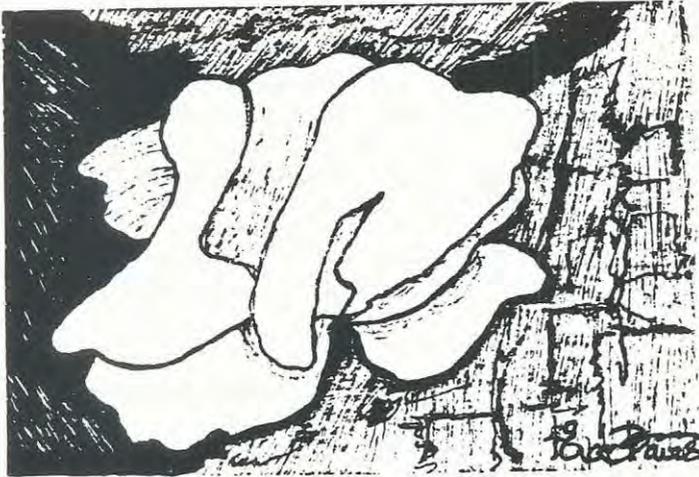
Season: July to October.

Edibility: choice.

Recommended Reading: MUSHROOMS OF NORTH AMERICA by Roger Phillips, Little, Brown & Company (Canada) Limited, 1991. (Around \$30)

WITCHES' BUTTER AND JELLY BABIES

The first of these fascinating growths belongs to the Tremellaceae, the Jelly fungi, and is a frequent but distinctive find. The second qualify as Earthtongues and are members of an unusual group of small fruiting bodies, similar in their gelatinous texture to the Jelly fungi.



Witches' Butter
Tremella mesenterica

Fruiting body: thick, lobed, brainlike, deep yellow to orange, tough, gelatinous, 1"-4" across; on hardwoods, particularly in damp weather.

Season: from spring to fall throughout North America.

Edibility: "Not known".



Jelly Babies
Leotia lubrica

Fruiting body: club-shaped, with a viscid, olive-yellow head and yellow-orange rubbery stem, marked with greenish dots, 1"-2" high; common in clumps on soil or leaf litter.

Flesh: brittle.

Season: July to October

Edibility: "Not known".

There is also a green-headed variety (*Leotia viscosa*) of this curiously clammy club fungus.

Eva Davis

□

Agaricus brunnescens represents the most cultivated mushroom in the world. Its production has become the #1 vegetable crop in Ontario and it holds second place on a national scale. The consumption of mushrooms has more than doubled within the past decade. In terms of economics, one billion kg of mushrooms were produced last year, accounting for 1.3 billion Canadian dollars.

from a presentation by Dr. James Anderson, University of Toronto to the Mycological Society of Toronto, April 1987

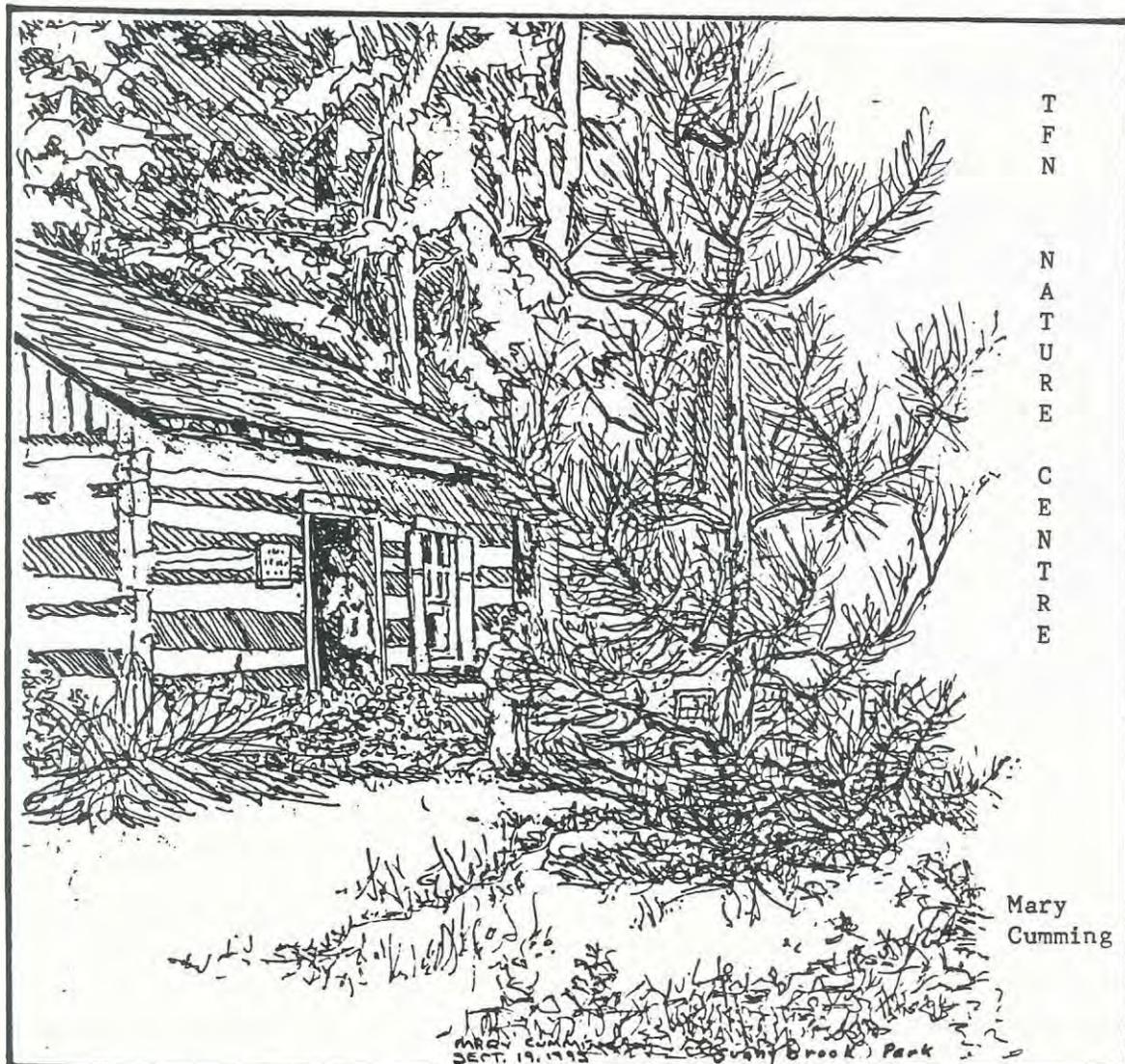
From the Past

High Park Insects

... Toronto was a relatively small city in the "nineties", having a population of only about 100,000. ... The best locality in the Toronto area for general collecting [of insects] was undoubtedly High Park. With its open sandy slopes facing southward over Lake Ontario, a variety of southern plants and insects reached their northern limits here. The black oak, the sassafras, and the wild lupine, which once covered several acres, were among the most notable plants and each of these had some characteristic insect associate, such as the green swallowtail with the sassafras and Scudder's blue with the lupine. ...

an extract from "Autobiographical Sketch" by E.M. Walker in the Royal Ontario Museum CONTRIBUTIONS TO THE LIFE SCIENCES, #69, "Centennial of Entomology in Canada 1863-1963 -- A Tribute to Edmund M. Walker", page 18.

□



See page 39.

IN THE NEWS

HOWLING DEFENCE

A Swedish plantation owner is using a British Broadcasting Corp. recording of a howling wolf to keep hungry deer and elk off his saplings this winter. A light sensor sets the wolf sounds off at dawn and dusk, the roe deer's favourite grazing times. No deer dare to come near, even though there are estimated to be fewer than 20 wolves in Sweden, mostly in remote and heavily forested northern parts of the country.

adapted from "Earthweek: Diary of the Planet" in the LONDON FREE PRESS, Feb. 19, 1994

FLYING SQUIRREL POPULATION SOARS AT PARK

Once considered nuisances and wiped out of Point Pelee National Park, the flying squirrel population has grown by 60 per cent since the species was reintroduced last spring. University of Guelph and Parks Canada researchers released 41 to the park. A head count just before Christmas revealed the addition of 25 more squirrels to the population. The flying squirrel had not been seen in the park since the 1930s. The new population was moved from Long Point, farther east on Lake Erie. Another 60 squirrels will be let loose this summer. The natural habitat for the flying squirrel -- where they make their nests -- is in dead trees.

adapted from an article by Brian McAndrew in the TORONTO STAR, Feb. 26, 1994

CLUE TO FEWER FROGS

A disturbing new clue to the mysterious disappearance of frogs and toads all over the world points to the Earth's tattered ozone layer. Species that do not appear to be declining are blessed with high concentrations of an enzyme that helps them withstand ultraviolet radiation. The Pacific tree frog was found to have six times as much of the enzyme photolyase, which removes harmful compounds from cells exposed to ultraviolet radiation, as the western toad and three times as much as the Cascades frog. All three species lay their eggs in open water, exposed to the sun. The western toad and the Cascades frog are declining markedly but the Pacific tree frog is not believed to be in decline.

extracted from "Earth Watch" in the GLOBE AND MAIL, March 1, 1994

BRICKWORKS HAILED AS A JOB MAKER

Premier Bob Rae announced the creation of a new urban park in the derelict Don Valley Brickworks on March 28. In a four-year project costing \$5 million, the province will contribute \$2.25 million through the jobsOntario program. Metro must make an equivalent contribution, with the remainder coming from the privately funded Conservation Foundation of Greater Toronto. The work will preserve some of the historic buildings, kilns and brickmaking equipment at the defunct factory along the west side of Bayview Ave. near Pottery Rd. The 16 hectare (40-acre) property will be composed of a pond, wetlands, hiking trails, fossil garden and preservation of a geologically significant clay pit wall that tells the story of Toronto's climatic changes over the past 125,000 years.

extracted from an article by Brian McAndrew in the TORONTO STAR, Mar. 29, 1994

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IN THE NEWS (cont'd)

CLEAN UP GREAT LAKES, WATCHDOG DEMANDS

The International Joint Commission, a bilateral agency established by the U.S. and Canada to monitor Great Lakes issues, is calling on the governments to pay especially close attention to ending industrial use of chlorine. Eight of the 11 most persistent toxic substances -- chemicals that remain for lengthy periods in the water -- contain chlorine or chlorinated compounds including dioxins, PCBs, DDT and hexachlorobenzene. The chemicals have been linked with health problems in fish, wildlife and humans including cancer, reproductive troubles, declining learning performance and increasing behavioral problems among children. More than 300 chemical industry representatives were among the record-setting 1,700 people attending the commission's biennial meeting last fall in Windsor.

extracted from an article by Brian McAndrew in the TORONTO STAR, Feb. 17, 1994

A VAST WATERSHED HARBOURS RARE SPECIES

The Great Lakes region is a refuge for many more rare species and ecosystems than was previously known, according to a Nature Conservancy Report. The study is described as the first to catalogue rare or unique forms of life throughout the 543,000-square-kilometre watershed of the Great Lakes. Identified as rare or imperilled are 49 plants, 21 insects, 12 mollusks, nine fish, five birds, three reptiles and the Indiana bat (the only mammal). The Great Lakes, which hold about 20 per cent of all the fresh water on Earth, are the only lakes anywhere close to their size in a temperate climate. The lakes act as a "giant heat sink" to moderate temperature extremes in winter and summer. This, in turn, provides habitat for an unusually wide range of species that might otherwise not survive -- including southern species that are sensitive to extreme cold, and northern species sensitive to extreme heat. Patterns of rising and falling water levels and a variety of unusual landforms, from huge dunes along the south and east shores of Lake Michigan to the 30,000 Islands area of Georgian Bay in Lake Huron, all appear to encourage diversity. The report says that while pollution and toxic chemicals are a concern, the most immediate threats to the Great Lakes system are direct destruction of habitats, alterations of natural fluctuations of lake, stream and sediment flows, and competition from exotic species like the zebra mussel.

extracted from an article in the GLOBE AND MAIL, Feb. 26, 1994

GRENADIER POND: WHERE HAVE ALL THE FISH GONE?

Grenadier Pond, a 22.25-hectare (55-acre) body on the western side of High Park, is a slimy mess. A report prepared by Deborah Martin-Downs, senior fisheries biologist with the environmental consulting firm of Gartner Lee Ltd., says: "Excessive nutrients entering the pond...are fueling massive algae growths". Instead of the big fish that used to be among the pond's inhabitants, test nets captured nothing but pumpkinseeds, a type of sunfish. The algae problem is compounded by a huge waterfowl population, responsible for nutrient and bacterial loading. Remedial measures include signs, restrictions on feeding waterfowl, restoring natural shorelines and stocking game fish. This could cost the city an estimated \$45,000. The Canadian National Sportmen's Shows' directors voted to contribute \$15,000 to the project, hoping that the provincial and federal government will provide matching funding.

extracted from an article by John Power in the TORONTO STAR, March 16, 1994

IN THE NEWS (cont'd)

GIANT CANADA GEESE GETTING TOO GROSS

The aptly named giant Canada goose population has exploded to over a million in the Mississippi River "flyway" in the three decades since a wildlife expert discovered a lonely flock in Minnesota that kept the bird off the list of extinct animals. Like North America's bursting population of white-tailed deer, geese have adapted happily to the ever-expanding habitats in suburbia. Scientists say most of the geese -- which grow to more than 11 kilograms (25 pounds) and hatch five or six goslings a year -- don't even migrate any more, finding grass and field corn plentiful even in winter. Given some open water and enough food they are able to insulate themselves even in harsh temperatures. Geese trapped for relocation are no longer accepted elsewhere and the birds are clever enough to head for semi-urban areas where hunting is not allowed. Although the geese are not doing any overt harm to other species -- other than people weary of their muck -- the explosion of some animal populations has caused environmental damage. Bulging deer populations have denuded parklands and gardens, and threaten to drive the white pine into extinction because the deer favour the pine saplings.

extracted from an article by Andrew Stern in the TORONTO STAR, Mar. 5, 1994

THE COSTS OF PESTICIDE USE

Pesticide use is escalating rapidly in North America. In some cases, it's up almost 1,000-fold in the past 40 years. The study, "Environmental and Economic Cost of Pesticide Use", by David Pimentel, H. Acquay, and Paul Rice of the New York State College of Agriculture, is the first comprehensive attempt to examine the use on a broad scale. The research on which the study is based was done over a huge area, including Ontario, and its authors say the results apply generally across North America. While pesticides save some crops, the benefits must be balanced against environmental and social costs amounting close to \$10 billion annually, continent-wide. Pesticides cost North Americans \$789 million in public health costs; \$30 million in domestic animals, including dogs and cats; \$1.4 billion due to pest immunity; \$320 million due to mortality of bees, which are vital to pollination; \$2.1 billion in bird losses; and other damage totalling close to \$3 billion. Wetlands and waterways are extremely vulnerable. Between 6 and 12 million fish die as a direct result of pesticide use. Others develop physiological problems, because pesticides also destroy invertebrates that are key food items. In light of the study's findings, it would be a big mistake to underestimate the impact of pesticides on non-target wildlife. In the past biologists have been hampered by a lack of data confirming what pesticides can do. Now, there's something concrete to go on. This investigation not only underscores the serious nature of the environmental and socio-economic costs of pesticides, but it emphasizes the great need for more detailed investigations of the environmental and economic impact.

extracted from "The costs of pesticide use" by Robert Alison in ONTARIO OUT OF DOORS, March 1994, Vol. 26, Iss. 2

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THE WEATHER (THIS TIME LAST YEAR)

May 1993, Toronto

This month was fractionally cooler and drier than the long-term average. It was below normal by 0.1°C and 0.2°C downtown and at the Pearson International Airport respectively. This May was the coolest since 1990. Rainfall was in the fifties generally, as opposed to the average 67-70 mm. Thus it was the driest since 1988. Sunshine was about six and a half hours below normal, and winds slightly below average.

The month was divided into two parts, with the first twelve days very warm, followed by cool and somewhat unsettled conditions the remainder of the month. Temperatures peaked in the high twenties on May 10th-11th. However, cool air reached as far south as Virginia later.

Answering the phone,
two voices were to be heard -
a wood thrush shared!

Haiku by Diana Banville
May 31, 1993

June 1993, Toronto

This month was unsettled and slightly cooler than average. It was, however, only about half a degree cooler than normal, and had none of 1992s record cool weather. Sunshine hours were slightly above normal, although it was very wet due to frequent heavy thunderstorms. Pearson Airport reported eight days with thunder, and heavy rainfalls occurred locally on June 8th, 9th, 19th, 20th, and 25th. Pearson Airport had 133.8 mm of rain; the official downtown weather station had 125.0 mm; and 43 Huntley Street had 142.1 mm. Pearson's total was the second highest on record; June 1967 had 150.9 mm. Toronto City's rainfall total was the highest since 1982.

The month was generally favourable for vegetation and crops in our area although some areas were too wet. In the U.S. midwest, torrential rains resulted in flooding along the Mississippi and Missouri rivers.

Eureka!
I have found it.
The mass of gold in the king's crown?
Oh, better!
Pink pussytoes.

Diana Banville
Eureka, Montana
June, 1991

THE WEATHER (cont'd)

July 1993, Toronto

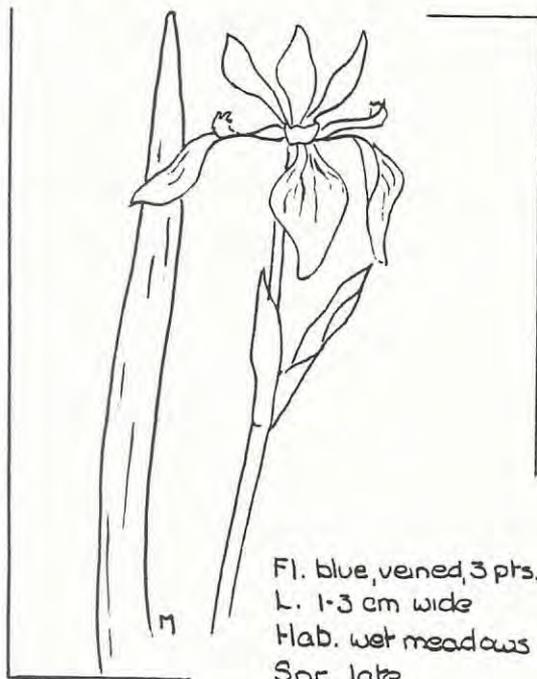
While the central part of North America experienced deluges and flooding in July 1993, exacerbated by cool conditions over the Prairie provinces, the eastern portion of the continent baked under a persistent heat wave and drought. Toronto was northwest of the main centre of heat and drought, but enjoyed a generally favourable month with warm temperatures, abundant sunshine, and adequate rainfall. It was a return to a real summer after 1992's record-setting chill. Average temperatures were about a degree above normal, with rainfall and sunshine totals also somewhat above average. The 297.2 hours of sun was the most since 1989. The winds at Toronto Island continued to be below normal, the lightest since 1988. But it was slightly windier than average at Pearson Airport.

July will be remembered for the worst flooding ever recorded along the Mississippi River in Missouri and Illinois, and for persistent temperatures near 40°C along the eastern coast of the United States. In Saskatchewan, cool, rainy weather was a replay of the summer of 1992. In Toronto, the eastern heat wave did affect us from July 5th - 11th, peaking at 32.5°C on July 9th at Pearson Airport. This is nothing out of the ordinary for a Toronto summer, for we were on the margins of the torrid air mass. But it was sticky and uncomfortable. Brisk and cool conditions followed for a few days, and the rest of the month was seasonable and humid. Showers and thunderstorms distributed through July brought rainfall totals above normal without being excessive. We were probably in the most fortunate part of North America this month.

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IRIS VERSICOLOR IRIDACEAE

Blue flag



Tall Blue Flag
- a Toronto native

from the portfolio

FLOWERS OF LONGFORD

by Mary Anne Miller

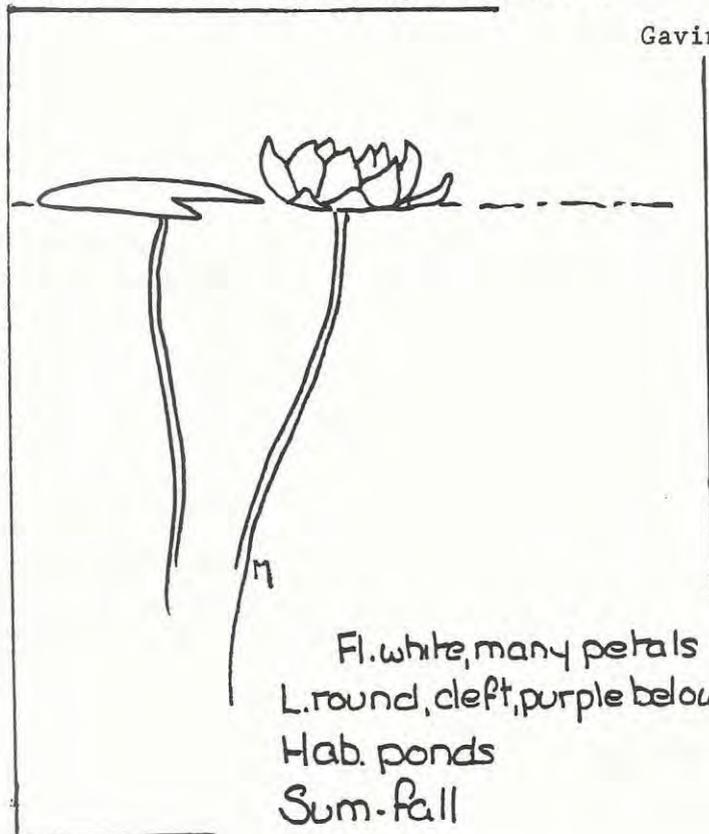
THE WEATHER (cont'd)

August 1993, Toronto

August was warm and dry this year, making 1993s summer a warm one. It was also the sunniest August in 22 years, and the calmest on record at Toronto Island. The mean temperature was about a degree and a half above normal and the same as two years ago. This would put the June to August period of 1993 as warmer than about two thirds of summer periods; no record, but certainly warm. Heavier rains earlier in the summer giving way to drier conditions produced beneficial conditions for crops.

About half of the normal rainfall occurred during August, in the 40 mm range in the Toronto area. Toronto City reported 43.6 mm, the lowest monthly total since 1980. Pearson's 39.9 mm, while lower than downtown, was the most since 1989. With the high pressure and low rainfall, Toronto City had 274.1 hours of sunshine, the most since 1971, and about 30 hours above normal. The month was unusually calm across southern Ontario, and Toronto Island reported a mean wind speed of only 6.6 km/h. This is not only the lowest value for any August, but also the lowest value for any month on record! The trend to light winds at Toronto Island Airport has continued every month since February 1991 (and may lead one to suspect the accuracy of the instruments there). Pearson Airport had a mean wind speed of 10.0 km/h: below average, but not a record.

August was marked by long periods of warm, humid, calm weather, with brief spells of more unsettled conditions (overnight temperatures dropped below 10°C three times at Pearson). The heat peaked on Aug. 24th-27th with temperatures above 34°C on Aug. 27th. Toronto City's 34.6°C was the highest for any August day since 1973.



Gavin Miller

□

FRAGRANT WATER-LILY

- Toronto native

(from the portfolio

FLOWERS OF LONGFORD

by Mary Anne Miller)

Fl. white, many petals
L. round, cleft, purple below
Hab. ponds
Sum-fall

ECOTOURISM

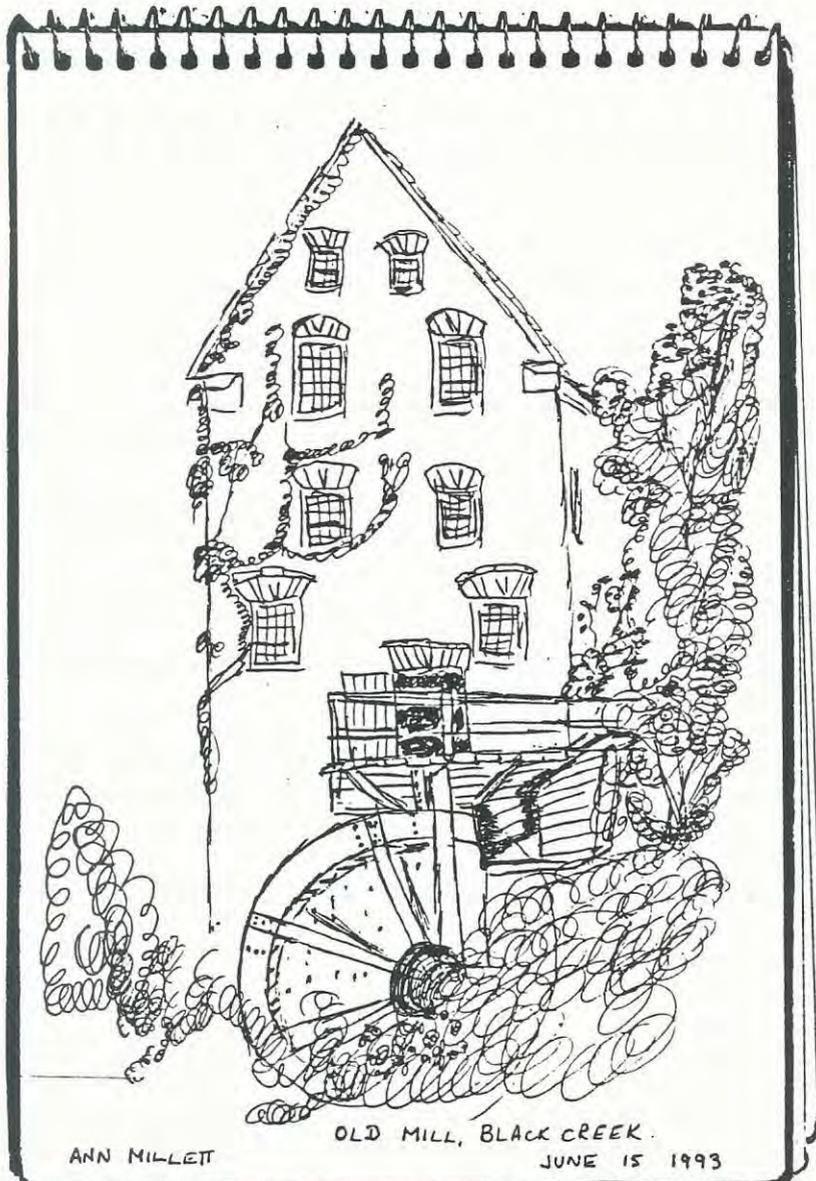
Environmentally responsible travel is a \$30 billion industry -- one of the biggest growth areas in tourism -- spurred by travellers who want to avoid damaging their host country. Some operators promise to support local environmental projects. Criteria for choosing a tour:

- Wildlife must not be disturbed.
- Waste disposed of without environmental or aesthetic impact.
- Local cultures/customs respected.
- Does a conservation project in host country benefit from tour?
- Are guides trained naturalists?
- Are local people hired as guides?

Ask before you sign up.

from "Ecoline" by Catherine Foley in the TORONTO STAR, Oct. 30, 1993

□



From the
sketch book
of Ann Millett
on a
TFN
Nature
Arts
Outing

COMING EVENTS

Toronto Ornithological Club - Jim Baillie Memorial Bird Walks - aimed at the intermediate birder, but beginners are also welcome. Free.

- Sat. May 7 from 7:30 am to 12 noon - Warblers and Friends - with Bob Yukich. Meet in the parking area inside the Bloor St. entrance at High Park Ave.
- Sat. May 14 from 7:30 am to 12 noon - More Warblers - in Lambton Woods. Meet in the parking lot at James Gardens (access from Edenbridge Dr.)
- Sun. May 22 from 7:45 am (all day) - Peak Migration at Toronto Islands with Luc Fazio. Meet at the Toronto Islands ferry docks at the foot of Bay St. to catch the 8 am ferry to Hanlan's Point. Bring a lunch.
- Sat. May 28 from 7 am to 12 noon - Whimbrel at Col. Sam Smith Park with Patrick Stepien-Scanlon. Meet at the entrance to the Lakeshore Psychiatric Hospital on Lakeshore Blvd. West at Kipling Ave.
- Sat. June 11 from 6:30 am (all day) - Breeding Birds in the Mansfield Area with Ron Scovell. Meet at the Kiss'n'Ride at the Islington subway station to form a car pool if necessary. Bring a lunch.

THE NEXT JIM BAILLIE MEMORIAL BIRD WALK WILL TAKE PLACE IN SEPTEMBER.

Toronto Entomological Association - monthly meetings September to April at the McLaughlin Planetarium (in the lecture room) at 1:30 pm. For more information, call Alan Hanks at 905-727-6933.

▷ Royal Astronomical Society of Canada - Toronto Centre - Call 724-STAR for up-to-date information on meetings, outings and workshops.

Nineteenth Century Gardening Techniques for Today - on Sat. May 7th and Sun. May 8th - an afternoon of gardening ideas and advice between noon at 4:30 pm at the Gibson House, 5172 Yonge St. just a few steps north of Park Home Ave. and the North York Centre subway station. Tickets: \$2.50.

Through the Garden Gate - fundraising events for the Civic Garden Centre

- A tour of 15 gardens in the Bayview Ridge area - Sat. June 18 and Sun. June 19 from noon to 4 pm. Admission: \$15.
- an evening tour of gardens in the Fifeshire area - Thurs. June 16 from 7:30 pm to 10 pm. Admission: \$30.

Tickets may be purchased from the Civic Garden Centre, 777 Lawrence Ave. East, North York M3C 1P2 or by calling 397-1340.

Kortright Centre for Conservation - operated by the Metro Toronto and Region Conservation Authority. Call 905-832-2289 for tickets to the following activities and for information about other events.

- May 14 - Spring Rituals - Frogs and Songbirds
- May 15 - Rivers and Landscapes - walk to McMichael Canadian Art Collection
- June 4,5 - Kortright's Environmental Festival
- June 8-Poison Ivy workshop
- August 11 - Bat Night

Tommy Thompson Park - at the foot of Leslie St. - open Saturdays, Sundays and holidays only from 9 am to 6 pm; free. Naturalist led theme-walks on Sundays and holidays from June 4 to Sept. 5. Free shuttle van from TTC stop at the corner of Leslie and Commissioners St. to pedestrian bridge. Call 661-6600 for times and topics of walks. ▷

COMING EVENTS (cont'd)

Casa Loma Gardens - open to the public for free visits: every Tuesday evening from May 3 from 4pm till dusk; second Monday every month from 10 am to 4 pm -- May 9, June 13, July 11 (9:30 - 4 pm), August 8 (9:30 - 4 pm), Sept. 12, Oct. 3.

Humber Heritage weekend celebrations

- May 15 at 1:30 pm - meet in Old Mill restaurant parking lot for a walk to Lambton House and back with local historians.
- Lambton House event (at Dundas St. West and the Humber) from 1:30 to 3:30 pm (May 15)
- Tour of Humber Water Pollution Control Plant. Reserve a place for a tour of the sewage treatment plant at the mouth of the Humber River by calling 392-2380.
- See page 28 for TFN walk on May 14.
- For information on other events, call 392-8795. [Events are on May 14 & 15.]

Black Creek Project - an association of individuals interested in the preservation and rehabilitation of the Black Creek through community involvement. Events for this summer include:

- Wed. May 4 at 6:30 pm - general meeting at York Municipal Centre
- Sun. May 15 - planting day at 9:30 am
- Wed. June 1 - general meeting at 6:30 pm
- Wed. July 6 - general meeting at 6:30 pm
- Sat. July 9 - maintenance/weeding day at Edgely woodlot at 9:30 am
- Wed. Aug. 3 - general meeting at 6:30 pm

Everyone is welcome to attend any of these events. For more details call 661-6600, ext. 345.

Celebrate the Don weekend events - Sunday, May 15

- East York - Todmorden Mills events - 10 am to 3 pm (see page 24)
- Town of Markham - Pomona Mills Park - 10 am
- Metro Toronto - planting event & brickworks tour
- City of North York - cleanups and walks
- Town of Richmond Hill - event being planned
- City of Scarborough - Warden Woods vortex separator
- City of Toronto - bike tour
- City of Vaughan - walk
- City of York - event being planned

For details on events call 661-6600, ext. 425.

+ Paddle the Don River from Eglinton to Harbourfront, leaving Serena Gundy Park between 10 am and noon, arriving at Harbourfront for 2 pm. celebrations.

Oak Ridges Moraine - open house information meeting - some time in May in the Toronto area. Please watch for a notice in the TORONTO STAR or call Margaret Cranmer-Byng (905-737-9598 -not long distance) if you would like to be informed of the date, place and time of the meeting. There will be a 15-minute video, maps on display and the highlights of a Strategy which is supposed to protect the ecological integrity of the Oak Ridges Moraine for the long term. Is the Strategy strong enough? Or too strong? Please come to the meeting and find out.

COMING EVENTS (cont'd)

Mycological Society of Toronto (mushrooms) - monthly meetings (Oct., Nov. January, February, April); forays (May, June, September, October); membership: \$20/yr; for further information call HI FUNGI.

Save the Rouge Valley System - free monthly walks in the Rouge Valley; membership: \$15/yr; walks are usually the last Sunday of each month at 1:30 pm. Call 289-6643 to check location.

Task Force to Bring Back the Don - monthly meetings - open to the public

- May 8 at 10 am - tree planting, rain or shine with the City of Toronto Parks & Recreation Dept. in Nordheimer Ravine.
- May 17 at 7:30 pm in Toronto City Hall - meeting
- June 14 at 7:30 pm - meeting in Toronto City Hall
- July 12 at 7:30 pm - meeting in Toronto City Hall
- August 9 at 7:30 pm - meeting in Toronto City Hall

Confirm meetings or check details by calling 392-0068.

Remedial Action Plan - Information Seminar on water quality projects in the Metro area - at the North York Civic Centre on May 31 from 5:30 pm to 9 pm. If you plan to attend, call 424-3000, extension 254.

Friends of the Don, East York - meetings on the last Tuesday of each month at 7 pm at the East York Civic Centre, 850 Coxwell Ave. Everyone welcome. Please call 467-7305 for more information.

Canadian Wildflower Society Spring Plant Sale (wildflowers, trees, shrubs) - Sat. May 14 from 10 am to 2 pm. at the Civic Garden Centre, 777 Lawrence Ave. East at Leslie St.

Canadian Wildflower Society wildflower garden tours - Sunday, May 29 from 10 am to 4 pm and on Sunday, Aug. 14 from 10 am to 4 pm. Tickets are \$15 each. For more information call Carolyn King at 416-222-5736 or send your payment to Carolyn King at 230 Burnett Ave., Willowdale M2N 1V8.

Big Birdwatch - June 4, 1994 - a 24-hour breeding bird count designed to strengthen the records of breeding bird species in the Greater Toronto area; a fun-filled event with prizes; cost: \$40. Register before May 14 by sending your payment to Big Birdwatch, c/o The Conservation Foundation of Greater Toronto, 5 Shoreham Dr., Downsview M3N 1S4. For more details call 661-6600, extension 352. [Cost is for a team of four bird watchers.]

Todmorden Mills - in the Don Valley - May 1 to Sept. 30 open daily except Mondays from 10 am to 4:30 pm; admission: \$2.25.

- Celebrate the Don - Sunday, May 15 from 10 am to 3 pm - Tours and special exhibit (the Goulding Estate; part of the great Dentonia Park Farm - photographs)
- Springtime in the Valley, Sunday, June 12 from 11 am to 4 pm
- Simcoe Day celebrations - Mon. Aug. 1 from 11 am to 4 pm

Grand opening of Etobicoke Creek interpretive trail - 11 am to 2:30 pm on May 14 or May 15 (rain day) at Marie Curtis Park.

COMING EVENTS (cont'd)

Open House for Metro Parks' Master Plan - 3 pm to 9 pm

- May 16 at Metro Hall, Room 306
- May 24 at the Civic Garden Centre
- May 30 at Scarborough YMCA, 230 Town Centre Court
- May 31 at Etobicoke City Hall, 399 West Mall.

Formal presentation at 7:30 pm at each location. Your opportunity to express your views about the use of Metro's Parks for the next 10 to 15 years.

Great Lakes Alive - TVO on May 24 from 8 pm to 9 pm. The program deals with toxic contaminant levels and human health in the Great Lakes basin. It touches on current issues, a bit about wildlife, and how contaminants move in the system. For further information, phone the Action Line 1-800-996-0943 or Jill Johnson at 484-2600, extension 2543.

GROW-TO Community Gardeners is a coalition of groups and individuals with the long-term goal of establishing community gardening as an accessible and integral part of community life in neighbourhoods throughout the city. Enquiries can be made through calling 392-1668 or writing to 238 Queen St. West, Toronto, Ont. M5V 1Z7.

Taking Action of Watershed Stewardship in the Greater Toronto Bioregion - a public workshop - Sat. April 30 at Metro Hall. Registration fee: \$35 in advance; \$50 on April 30. Call 314-9490 for more information.

Toronto Historic Board - free guided walking tours

- May 1, Stone to Steel - from 1:30 pm at THB headquarters, 205 Yonge St.
- May 29, Rediscovering Garrison Creek at 1:30 starting at Fort York's west gate (Garrison Rd., off Fleet St.)

Call 392-6827 for outings in other months. □



BROWN THRASHER -

drawing by Mary Cumming
from a mounted specimen.

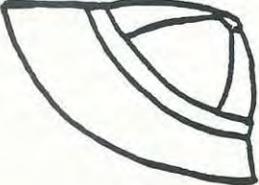
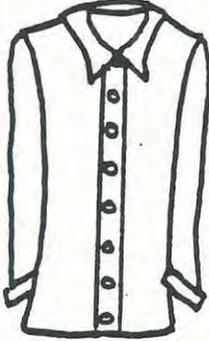
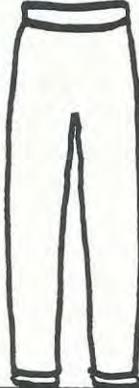
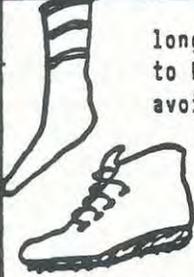
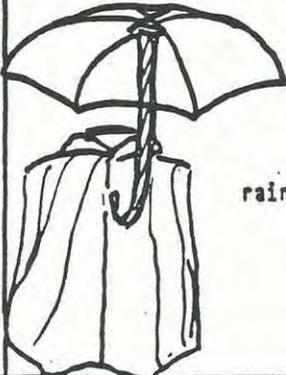
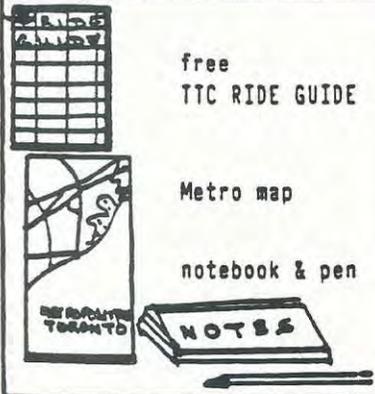
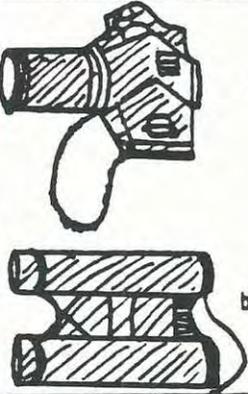
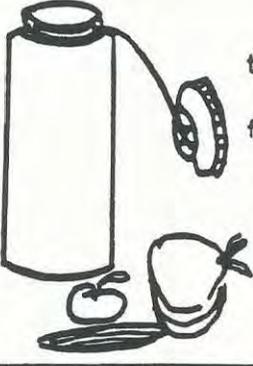
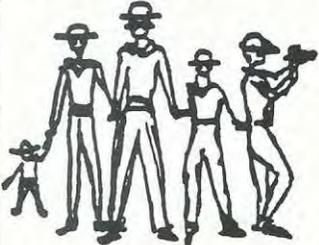
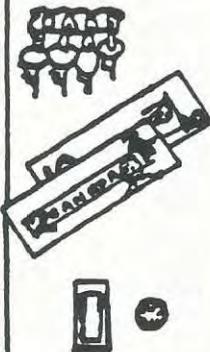
Each year for which TFN has records, numbers for this species peak in May, much lower during fall migration.

It has been established as a breeding bird of Metro. Please report any records you have, especially presence in early summer which would indicate possibility of nesting.

ref. ATLAS OF THE BREEDING
BIRDS OF ONTARIO,
Cadman et al. 1987

TORONTO REGION BIRD CHART
by Bruce Parker, TFN 1983

FOR ENJOYMENT OF OUTINGS

<p>wide brim on hat for protection from sun</p> 	<p>long sleeves to protect you from: mosquitoes poison ivy thistles</p> 	<p>slacks to protect you from: mosquitoes poison ivy thistles ticks</p> 
<p>long socks to help you avoid ticks</p>  <p>hiking boots or running shoes</p> 	 <p>rainwear</p>	 <p>sun glasses sun screen insect repellant</p>
 <p>free TTC RIDE GUIDE</p> <p>Metro map</p> <p>notebook & pen</p>	 <p>camera</p> <p>binoculars</p>	 <p>thermos or flask</p> <p>snack</p>
<p>Bring your family and/or friends</p> 	 <p>NO pets</p>	 <p>keys</p> <p>money</p> <p>TTC fare</p>

TFN OUTINGS

- Sunday
May 1
2:30 pm
TFN MEETING [See page 2.]
Northrop Frye Hall
73 Queen's Park Crescent East
- Monday
May 2
6:45 pm
DOWNTOWN - evening ramble
Toronto
Leaders: Ed & Priscilla Freeman
Meet inside the entrance to the Eaton Centre (at the top of the escalators) at the southwest corner of Yonge St. and Dundas St.
We will be walking south, sometimes at ground level and sometimes below the street level as we look at the texture of the city -- the building materials, what they are, where they are from and why they are used.
- Wednesday
May 4
9:30 am
HIGH PARK - early warblers
Toronto
Leader: Barbara Kalthoff
Meet at the park entrance on the south side of Bloor St. West opposite High Park Ave. Lunch optional.
This lovely park is close to Lake Ontario and contains several streams and a large pond as well as plenty of shrubs and trees. Migrating birds find it a favourite stopping-over point and if we are lucky we will be able to observe these colourful visitors.
- Saturday
May 7
10:30 am
GLENDON CAMPUS - nature arts
West Don, North York
Leader: Mary Cumming
Meet at the gates to Glendon, on the east side of Bayview Ave. at Lawrence Ave. East. Lunch optional.
Bring camera, sketching materials and stool. After spending the morning drawing or taking photos we plan to get together for lunch and compare work.
- +
- Saturday
May 7
10:30 am
DERRYDOWN PARK - nature walk
Black Creek, North York
Leader: Allan Greenbaum
Meet at the park entrance on the south side of Finch Ave. West (between Keele St. and Jane St.) where Finch crosses the creek. Bring lunch.
This park may be thought of as "the other Jane/Finch". This is the good part -- a lovely valley park with well forested slopes containing a rich assortment of wildflowers, trees and shrubs and, of course, the kind of wildlife that needs and appreciates these. Some climbing and wet places to cross.
- Sunday
May 8
10:30 am
CENTENNIAL PARK - nature walk
Etobicoke Creek, Etobicoke
Leader: Richard Aaron
Meet at the northwest corner of Rathburn Rd. and Elmcrest Rd. Bring lunch and extra water.
This is an excellent place to observe a great variety of spring wildflowers. Bring your favourite field guide and learn how to use it. At this time of year one may also see migrating birds and meet recently awakened reptiles and amphibians. And if that isn't enough there are lots of fossils in the valley. Walk will end in mid-afternoon.
- +
- See next page.

MAY OUTINGS (cont'd)

- Sunday
May 8
2 pm
LOWER DON - 2 approaches to parkland
Don Valley, Toronto
Leader: Peter Iveson
Meet at the southeast corner of Sumach St. and Winchester St. We will be visiting Riverdale Farm to look at the plantings of bulbs on the slopes of the Don throughout the "farm" grounds. Then we will cross the river and look at the plantings of trees and shrubs on the east side of the valley in Riverdale Park. Both projects are in the Don Valley and both are organized by the City of Toronto Parks and Recreation Department.
- Tuesday
May 10
6:45 pm
GLEN STEWART RAVINE - birds
Toronto
Leader: Fred Bodsworth
Meet at the park entrance (top of stairs) on Balsam Ave. just south of Kingston Road.
This lovely wooded ravine close to Lake Ontario is always a good place to look for migrants at this time of year. Will the eclipse of the sun today have an effect on the birds?
- Wednesday
May 11
1 pm
FORKS OF THE DON - nature walk
Don Valley, East York
Leader: Carol Miller
Meet at the southeast corner of Millwood Rd. and Overlea Blvd. This section of the Don Valley is rich in history and wild places to visit. The valley slopes contain every species of tree growing naturally in Toronto; spring flowers abound; and we may observe migrating birds, a few mammals and perhaps a few awakening reptiles or amphibians.
- Saturday
May 14
11 am
HUMBER VALLEY - nature walk
Humber, North York
Leader: Ken Cook
Meet on the bridge over the Humber River on Albion Road just west of Weston Road. Bring lunch. [Meet on the more northerly bridge.] We will be following the Humber River north to Sheppard Ave. West. This "unimproved" section of the valley is a delight to visit with its valley forests and meadows, home to many species of plants and animals.
- Sunday
May 15
11 am
TODMORDEN MILLS - wildflower garden
Don Valley, East York
Leader: Dave Money
Meet at the entrance to the "village" on the south side of Pottery Road, downhill and west from the corner of Broadview Ave. and Mortimer Ave. Lunch optional.
A "restoration" project to bring back wildflowers to the Don Valley just south of the historic village is in its second year. Come and learn more about what has been planted and how the "garden" is doing.
- +
Sunday
May 15
2 pm
CENTRAL DON - nature & issues
Don, East York
Leader: Steven Peck
Meet at the entrance to Todmorden Mills on the south side of Pottery Road, downhill and west from the corner of Mortimer Ave. and Broadview Ave.
This is a joint outing with the Friends of the Don East York. We will be exploring part of the Don Valley south of the forks and talking about plans for the area.

MAY OUTINGS (cont'd)

- Wednesday
May 18
6:45 pm
- GARRISON CREEK - human & natural history
Toronto
Leaders: John Harstone & Sandy Cappell
Meet at the Christie subway station.
The last tributaries of Garrison Creek were buried early in this century, but we can still follow its path through the city by looking for clues as we walk streets and traverse parks.
- Thursday
May 19
10:30 am
- TAYLOR CREEK - nature arts
Taylor Cr., East York
Leader: Diana Banville
Meet at the Victoria Park subway station. Bring lunch.
Bring camera or sketching materials and stool. We will spend the morning photographing or sketching and then compare our "work" at lunchtime. The valley contains a good walking trail, washrooms and drinking fountain as well as the creek and a variety of habitats from meadows to woodlands.
- Saturday
May 21
1 pm
- LAMBTON WOODS - nature walk
Humber River, Etobicoke
Leader: Leslie Burns
Meet at the entrance to James Gardens on Edenbridge Dr., east from Royal York Rd.
In contrast to the formality of James Gardens, Lambton Woods is a "wild" place in the midst of the city. This forested wetland contains many spring wildflowers and is a favourite place to observe migrating birds.
- Sunday
May 22
10:30 am
- SMYTHE PARK - nature walk
Black Creek, York
Leaders: Tom & Tracy Butler
Meet at the park entrance on the east side of Scarlett Rd., north of St. Clair Ave. West. Lunch optional.
This park is a restored gravel pit. Ponds adjacent to the creek have been stocked with fish, frogs and turtles. The slopes of the Black Creek Valley and wetlands contain a great variety of trees and spring wildflowers.
- Tuesday
May 24
10:30 am
- PROSPECT CEMETERY
Toronto/York
Leader: Ruth Munson
Meet at the entrance to the cemetery on the north side of St. Clair Ave. West, opposite the north end of Lansdowne Ave.
Morning only.
This area contains a wonderful collection of trees and shrubs, most of them labelled, and very fine specimens.
- Thursday
May 26
6:45 pm
- CPR LIBERTY ST. BRANCH LINE - history & nature
Toronto
Leader: Ian Wheall
Meet at the southeast corner of King St. West and Dufferin St.
Abandoned rail lines have long been known as excellent places to observe wildlife, which moves in quickly as maintenance is reduced.
- Sunday
May 29
11 am
- CUDIA PARK - nature walk
Lakeshore, Scarborough
Leader: Richard Page
Meet on the south side of Kingston Road at Pine Ridge Dr.
Bring lunch and extra water to drink and good footwear.
This is a joint outing with the Citizens for a Lakeshore Greenway. The park consists of meadows from which one can view the lake and a forested slope, part of the Lake Iroquois shoreline. Some climbing may be required.

JUNE OUTINGS

- Wednesday
June 1
10:30 am
- BESTVIEW PARK - nature walk
Leader: Carol Sellers
Meet at the southeast corner of Steeles Ave. East and Laureleaf Rd. Bring lunch.
Anyone wanting to look at really large trees will enjoy this visit to Bestview woodlot -- large beeches, oaks and hemlocks. Meadows to the south provide a variety of habitats so we may see butterflies as well as birds, etc.
- East Don, North York
- Friday
June 3
6:45 pm
- MOATFIELD PARK - evening ramble
Leader: Eileen Mayo
Meet at the northeast corner of Leslie Street and Lesmill Rd. We may walk around the Federation of Ontario Naturalists' headquarters before following a small tributary of the East Don into the valley.
- East Don, North York
- Saturday
June 4
10:30 am
\$ entrance
\$ fee
- METRO ZOO - nature arts
Leader: Danielle Duncan
Meet at the zoo entrance on Meadowvale Rd. north of Sheppard Ave. East. Lunch optional.
Bring camera, sketching materials and stool. Participants spend the morning sketching or photographing and usually plan to meet at lunch and compare "works" -- past and current.
- Rouge, Scarborough
- Sunday
June 5
10:30 am
- LESLIE STREET SPIT - birds
Leader: Ross Harris
Meet at the foot of Leslie St. Lunch optional; something to drink recommended.
This entirely man-made landform (filling began in 1959) has been invaded by plant and animal species and is now a wonderful "wildlife refuge" in the midst of the city. Wonderful bird watching and views of the city.
- Lakeshore, Toronto
- Tuesday
June 7
10 am
- MORNINGSIDE PARK - nature walk
Leader: Molly Campbell
Meet at the park entrance on the west side of Morningside Ave. north of Lawrence Ave. East, south of Ellesmere Rd. Bring lunch. This is a very large park adjacent to Scarborough College. Extensive wetlands in the valley and forested slopes provide habitat for a variety of species.
- Highland Creek, Scarborough
- Thursday
June 9
6:45 pm
- SHERWOOD PARK - evening ramble
Leader: Deborah Butterfield
Meet at the northeast corner of Mt. Pleasant Rd. and Sherwood Ave. Burke Brook, a tributary of the West Don River, runs through this park which contains something for everyone -- meadows, playgrounds, and a mature forest. "Restoration" of the woodlot is a project being undertaken by residents in the area, relevant community groups and the City's Parks Dept. Learn about what is happening and enjoy a bit of country in the city.
- West Don, Toronto

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<p style="text-align: center;">TO A CHESTNUT-SIDED WARBLER</p> <p>"Pleased pleased pleased pleased pleased pleased to meet you!"</p> <p>"Yes, yes, yes, yes, it's mutual too!"</p> <p style="text-align: right;">Diana Banville</p>

JUNE OUTINGS (cont'd)

- Saturday
June 11
10:30 am
- HUMBER OXBOW - nature walk
Leader: Joan O'Donnell
Meet at the northwest corner of Albion Road and Thistledown Blvd. Lunch optional.
In spite of 200 years of continuous use for mills, farms and now parks, valleys still contain many wild remnants. Native trees, shrubs and flowers thrive; birds nest and insects abound in this "unimproved" piece of parkland.
- Humber, Etobicoke
- Tuesday
June 14
10 am
- WARDEN WOODS - nature arts
Leader: Alf Buchanan
Meet at the Warden subway station. Bring lunch.
Bring camera or sketching material and stool. At lunchtime we will compare our "works". This wild ravine contains many subjects for artists.
- Taylor Cr., Scarborough
- Wednesday
June 15
6:45 pm
- MIDDLE DON - poison ivy ramble
Leader: Allan Foster
Meet at the entrance to Todmorden Mills on the south side of Pottery Road, downhill and west from the corner of Broadview Ave. and Mortimer Ave.
We will be walking south on the Lower Don Valley Trail to look at poison ivy, the one plant that EVERYONE should be able to identify throughout the year. This is an opportunity to learn a lot about this amazing species.
- Don River, East York
- Saturday
June 18
9 am
to 5 pm
- PMCL BUS
\$ bus
fare
- TFN NATURE RESERVE - a day in the country
Leader: Allan Greenbaum
Call Sandy Cappell at 663-7738 if you want to attend this outing. Confirm by sending a cheque for \$10 (NOT post-dated) payable to TORONTO FIELD NATURALISTS - bus trip to the TFN at 20 College St., Unit 11, Toronto M5G 1K2. The bus will leave from the southeast corner of Yonge St. and Old York Mills Rd. (south exit of York Mills subway station) promptly at 9 am and return there at 5 pm. Bring lunch and something to drink. (No washrooms on bus, but 3 outhouses at reserve.) Since 1970 TFN has purchased three pieces of property, amounting to almost 170 acres. Two of the areas are adjacent and are called the Jim Baillie Nature Reserve after a past president and very well known birder; the third area is called the Emily Hamilton Nature Reserve after a member who was a particularly fine and enthusiastic field botanist. Most of the property is on the floodplain of Uxbridge Creek and contains an interesting collection of both northern and southern wetland species. Deer roam the area and many birds nest there. Ferns and mosses are particularly abundant, and mushrooms in season. Guided walks will be held both morning and afternoon, but those wishing to sketch or photograph, or quietly follow the trails on their own, may do so. We usually meet for lunch at the picnic shelter between 12 noon and 1 pm. A booklet listing the plants and animals, and containing maps of the Jim Baillie property and how to get there is available for \$4 at meetings. [See illustration on page 35.]
- northeast of Metro

▷

TO A YELLOW WARBLER
"Sweet sweet sweet shredded wheat!"
You advertise it all the time, but what do you eat?

Diana Banville

JUNE OUTINGS (cont'd)

- Sunday
June 19
1:30 pm
TAYLOR CREEK - nature walk
Leaders: Margaret Casey & Mark Taylor
Taylor Cr., East York
Meet at the southwest corner of Woodbine Ave. and O'Connor Dr.
This a a joint outing with the Friends of the Don East York. We will be walking in the valley, looking at the condition of this important tributary of the Don and discussing ways to improve its health.
- Tuesday
June 21
6:45 pm
LOWER DON - evening ramble
Leader: David Stonehouse
Don, Toronto
Meet at the Broadview subway station.
This will be a leisurely walk in the Don Valley to learn about some of the plans of the Task Force to Bring Back the Don and see the results of some of the activities of the group.
- Wednesday
June 22
11 am
ROWNTREE MILLS - birds
Leader: Helen Smith
Humber, North York/Etobicoke
Meet on the north side of Finch Ave. West at Islington Ave.
Bring lunch.
This very large Metro park contains many habitats for wildlife -- meadows, forested slopes and forested floodplain, and wetlands. Bring binoculars and notebook and your favourite field guide and be prepared to listen as well as watch. You too may learn how to identify birds by their calls.
- Sunday
June 26
11 am
HIGHLAND CREEK - nature walk
Leader: Raff Sussman
Highland Cr., Scarborough
Meet on the north side of Kingston Rd. at Celeste Dr.
(between Markham Rd. and Morningside Ave.) Bring lunch.
Part of this walk will be on streets, part on footpaths and part on good trails. Some climbing and a long walk. This lovely valley is always a delight to explore. Though much of it has been developed at some time, there are still many wild pockets to enjoy.
- Monday
June 27
6:45 pm
CENTRAL DON PARKLANDS - evening ramble
Leader: Janice Fedorowisk
Don, East York
Meet at the southeast corner of Millwood Rd. and Overlea Blvd.
We will be walking into the Don Valley and out again, so be prepared for the climb. Plans for improving public access and protection of the natural resources will be discussed.
- Tuesday
June 28
10:30 am
ROUGE VALLEY - nature walk
Leader: Eva Davis
Rouge, Scarborough
Meet at the Metro Zoo entrance on the west side of Meadowvale Rd., north of Sheppard Ave. East. Bring lunch and something to drink. Slacks and good footwear are recommended.
Lots of hill climbing in the valley with rewards of rare plants and animals in this "wildest" part of Metro Toronto.

▷

TO A SONG SPARROW

"Pres-pres-pres-pres-pres-presbyterian!"

Oh, indeed, we know you are - and such a cheery one!

JULY OUTINGS

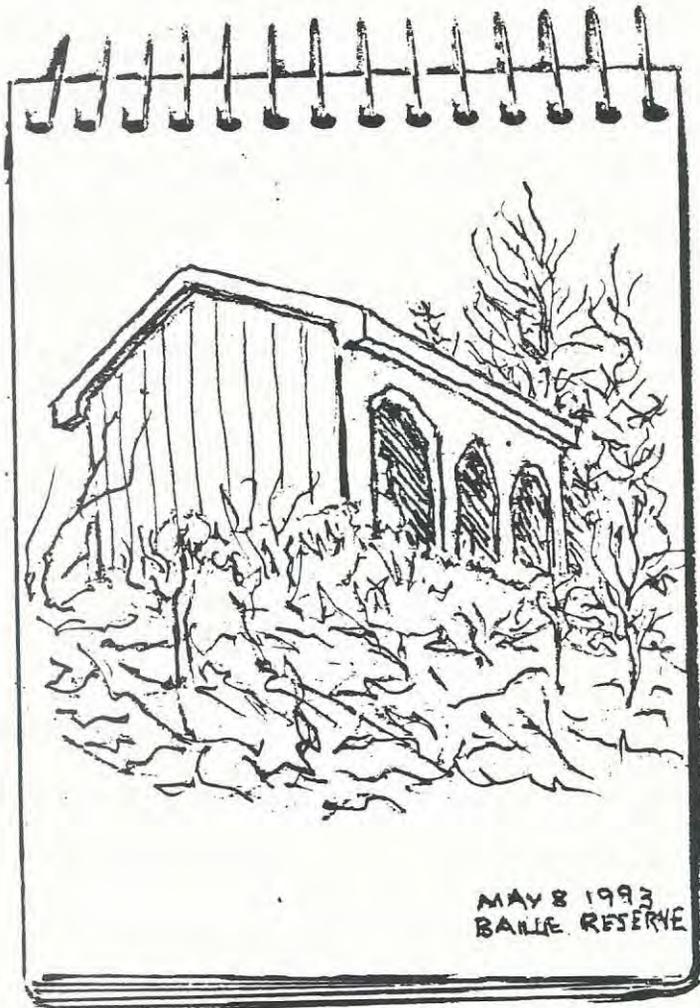
- Saturday
July 2
10:30 am
- QUEEN'S PARK - nature arts
Leader: Mary Pallimbo
Meet at the northeast corner of College St. and University Ave. Lunch optional.
Bring camera or sketching material and stool. This area contains many large trees, colourful gardens and historic buildings. Lots of subjects for either the photographer or artist. We will compare our works over lunch.
- Toronto
- Tuesday
July 5
6:45 pm
- HOGGS' HOLLOW - evening ramble
Leader: Sandy Cappell
Meet at the northeast corner of Yonge St. and York Mills Rd. This historic stretch of the West Don Valley contains much more than a subway station and high-rise buildings -- historic buildings, the river itself and some lovely old trees. Lots of hill climbing on this walk.
- West Don, North York
- Thursday
July 7
10:30 am
- TORONTO ISLANDS - nature walk
Leader: Ann Millett
Meet at the ferry docks at the foot of Bay St. Bring lunch and something to drink.
Even on the hottest summer days the island is a pleasant place to be. Level ground makes walking easy, except in sandy areas. Ducks, geese and gulls are only a few of the bird species living here. Many rare plants grow on the islands' sandy beaches and dunes. A TFN booklet on this subject is available for \$4 at monthly meetings.
- Lakeshore, Toronto
- \$ ferry tickets
- Sunday
July 10
11 am
- HIGH PARK - nature walk
Leader: Joanne Doucette
Meet at the park entrance on Bloor St. West opposite High Park Ave. Bring lunch.
This is another in a series of walks to High Park to examine the changes in the flora and fauna during the seasons.
- Toronto
- Wednesday
July 13
6:45 pm
- MT. PLEASANT CEMETERY - evening ramble
Leader: Sheila Van Landeghem
Meet at the cemetery entrance on the east side of Yonge St., 2½ blocks north of St. Clair.
This very large cemetery is a wonderful place to look at trees and shrubs. The walking is easy, level and mostly on roads. The trees are labelled and excellent specimens, some quite old.
- Toronto
- Thursday
July 14
11 am
- TODMORDEN MILLS - insects
Leader: Merne Powers
Meet at the entrance to the village on the south side of Pottery Road, downhill and west from the corner of Broadview Ave. and Mortimer Ave. Bring lunch.
As we will be looking at insects, participants may wish to bring a small jar for holding specimens and a magnifying glass. Binoculars, if reversed, are also useful for looking at insects.
- Don, East York

JULY OUTINGS (cont'd)

- Saturday
July 16
9:30 am CROTHERS WOODS - nature walk Don, East York
Leader: Paula Davies
Meet at the southeast corner of Millwood Rd. and Overlea Blvd.
Morning only.
This area contains one of the finest forests left in Metro Toronto. Proposals for the Leslie St. extension threaten it as does a new Loblaws store on the tableland adjacent to the valley. Bike trails in the woodlot are also a problem, but with new awareness of the value and beauty of such areas so close to home, perhaps there is hope for its survival for many years to come.
- Sunday
July 17
11 am LESLIE STREET SPIT - plant uses Lakeshore, Toronto
Leader: Brenda Blunt
Meet at the foot of Leslie St. Bring lunch and extra water.
Many species of plants have invaded this landform since filling for it began in 1959. Discover what some of them are and the many uses for some of our "weedy" wild plants.
- Wednesday
July 20
10:30 am YORK UNIVERSITY ARBORETUM - nature arts Black Cr., North York
Leader: Daphne Sanderson
Meet at "Area 4" (marked by red and yellow blocks) bus shelter on the University Campus. (Take York University bus, No. 106, from Wilson subway station on the Spadina Line.) Lunch optional.
Finding nature's designs ... bark textures, leaf patterns, whatever. Although abstraction is suggested focus, feel free to do whatever you wish. Bring camera or sketching materials and stool. We will meet for lunch (food court available) to discuss and compare. Parking is available for a fee.
- Thursday
July 21
6:45 pm LOWER DON - evening ramble Don River, Toronto
Leader: Mark Wilson
Meet at the corner of Sumach St. and Winchester St.
We will walk the Lower Don Trail and learn about David Crombie's plans for the lower Don Valley lands, where the river enters Lake Ontario.
- Saturday
July 23
2 pm BAY-ADELAIDE PARK - urban park & garden grasses Toronto
Leader: Peter Iveson
Meet at the southwest corner of Yonge St. and Richmond St.
First we will visit Toronto's new park in the unfinished Bay-Adelaide Centre. The park is part of a walkway between buildings and contains a small greenhouse. We may then visit some other downtown parks to look at the plants used.
- Wednesday
July 27
10:30 am DERRYDOWN PARK - nature walk Black Creek, North York
Leader: Carol Sellers
Meet at the park entrance on the south side of Finch Ave. West, (between Keele St. and Jane St.) where Finch crosses the creek. Bring lunch.
A good walking trail and washrooms and a parking lot make access to this small valley easy. Wooded slopes and floodplain meadows offer a number of habitats in which to observe birds, butterflies, wildflowers, trees and shrubs.

JULY OUTINGS (cont'd)

- Friday BELTLINE - evening ramble Don, Toronto
 July 29 Leader: Bill Granger
 6:45 pm Meet at the Castle Frank subway station.
 This walk will take us from where the belt line railway entered a ravine of the Don over to where the railway crossed Yonge St. south of Davisville Ave. A long walk on good trails and streets most of the way. See how these former railway lands have become a linear park.
- Saturday ROUGE VALLEY - nature walk Rouge, Scarborough
 July 30 Leader: Robert Marshall
 10 am Meet at the zoo entrance on the west side of Meadowvale Rd. north of Sheppard Ave. East. Bring lunch and extra water to drink. Wear slacks and good footwear as there are hills to climb and lots of poison ivy.
 This is a joint outing with the Save the Rouge Valley System. This will be a long walk through the proposed Rouge Valley Parklands to look at some of the features that make this area so important as a wildlife park.



THE SHELTER AT

THE TFN'S

JAMES L. BAILLIE
 NATURE RESERVE

sketched by

Mary Cumming

For TFN outing
 to nature reserve,
 see page 31.

AUGUST OUTINGS

- Monday August 1 11 am SIMCOE'S DON - nature walk Don, Toronto/East York
 Leaders: Aarne & Helen Juhola
 Meet at the Castle Frank subway station. Lunch optional. Following in the footsteps of the Simcoes, we will walk through the Don Valley to Todmorden Mills where we will meet the Simcoes. 200 years ago the Simcoes enjoyed the natural features of the Don. We'll see what is the same and what is different. Simcoe Day celebrations will be taking place at Todmorden Mills where the walk will end.
- Wednesday August 3 4:30 pm TAYLOR CREEK - grasses, sedges, rushes Taylor Cr., East York
 Leader: Jeff Nadir
 Meet at the Victoria Park subway station. Walk will end at 6:30 pm. This outing is for serious field naturalists who want to be able to identify the various grass-like plants of our region. Bring a note book and pencil and a magnifying glass.
- Thursday August 4 6:45 pm BELTLINE - evening ramble York/Toronto
 Leader: Nancy Fredenburg
 Meet at the Eglinton West subway station (on the Spadina line). This walk begins at the western end of the "Beltline Park". We will be walking east to Yonge St. south of Davisville Ave. This is the second part of our exploration of this linear parkway -- a pleasant ribbon of green traversing the city.
- Saturday August 6 10:30 am SHERWOOD PARK - nature arts Burke Brook, Toronto
 Leader: Miriam Hays
 Meet at the northeast corner of Mt. Pleasant Rd. and Sherwood Ave. Lunch optional. Bring camera or sketching materials and stool. This park contains many subjects including very large trees and scenic vistas. We compare our work during the lunch hour.
- Tuesday August 9 10:30 am WINDFIELD PARK - nature walk Wilket Cr., North York
 Leader: Eileen Mayo
 Meet at the park entrance on York Mills Rd. just east of Bayview Ave. Bring lunch. Though much of this park looks like the golf course it once was, part of it contains a fine forest with a variety of shrubs and wildflowers growing beneath very large trees.
- Wednesday August 10 6:45 pm LAMBTON WOODS - evening ramble Humber, Etobicoke
 Leader: Diana Karrandjas
 Meet at the entrance to James Gardens on Edenbridge Dr., east of Royal York Road. This lovely wetland forest is a fine place to look at trees, shrubs and wildflowers and birds at any time of the year.

Queen Anne's lace meadow
 shimmering in summer sun.
 I file for winter.

AUGUST OUTINGS (cont'd)

- Saturday
August 13
10 am LOWER ETOBICOKE CREEK - nature walk Etobicoke Cr., Etobicoke
Leader: Alfred Adamo
Meet on the bridge over the creek (Lakeshore Blvd. West, west of Browns Line). Lunch optional.
An asphalt trail leads from Marie Curtis Park at the mouth of the Creek north, almost to the Queen Elizabeth Way. Shale walls containing many fossils line the valley; fine trees provide shady woodlands; open meadows contain an abundance of wildflowers and butterflies.
- Wednesday
August 17
10:30 am MUIR GARDENS - nature arts Burke Brook, Toronto
Leader: volunteer required (call 968-6255)
Meet at the southeast corner of Yonge St. and Lawrence Ave.
Lunch optional.
Bring camera or sketching materials and stool. Both formal and informal parkland in the ravine containing Burke Brook, a tributary of the West Don, provide many subjects to interpret. "Works" usually compared over lunch.
- Saturday
August 20
2 pm CAMPBELL HOUSE - herbs Toronto
Leader: Peter Iveson
Meet at the northwest corner of University Ave. and Queen St. West.
We will be looking at the gardens of this historic site and may walk further to look at other downtown garden parks.
- Sunday
August 21
1:30 pm FORKS OF THE DON - nature walk Don, East York
Leader: Steven Peck
Meet at the southwest corner of Overlea Blvd. and Thorncliffe Pk. Dr. (opposite Beth Nealsen Dr.).
This is a joint outing with the Friends of the Don East York. The descent into the valley and back out again is worth the effort. From this point there are many directions in which one can walk -- north east to the Charles Sauriol Conservation Reserve, north west to the Ontario Science Centre, east to Taylor Creek, or south to Lake Ontario via Todmorden Mills.
- Thursday
August 25
6:45 pm TORONTO ISLANDS - evening ramble Lakeshore, Toronto
Leader: Ruth Munson
Meet where the ferry boat docks at Centre Island. Bring a picnic supper if you want to, or just come and enjoy.
\$ ferry tickets The islands can be very pleasant on a hot summer evening and a wonderful place for viewing the city at sunset.
- Saturday
August 27
2 pm THOMSON MEMORIAL PARK - insects Highland Creek, Scarborough
Leader: Merne Powers
Meet at the northeast corner of Lawrence Ave. East and Brimley Rd. Walk will end at 4 pm.
While insects may not be your favourite subject, it is probably because you don't know much about them. Bring a small jar and a magnifying glass or your binoculars and plan to meet some of these amazing creatures without which we would have very little to eat. (Think of what bees do!!!)

AUGUST OUTINGS (cont'd)

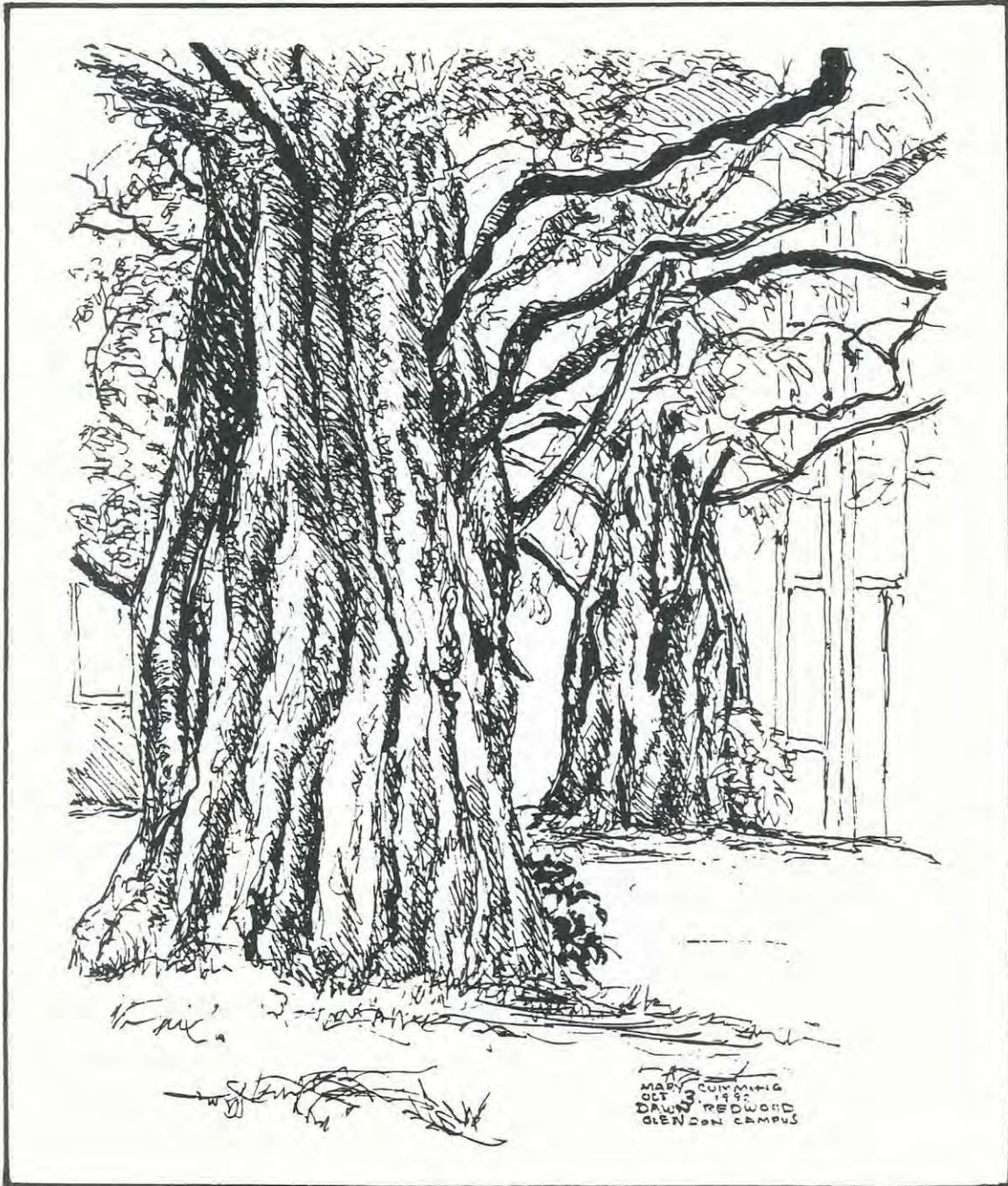
Wednesday EAST POINT - nature walk Lakeshore, Scarborough

August 31 Leader: volunteer required (call 968-6255)

10:30 am Meet at the corner of Coronation Dr. and Beechgrove Dr.
Bring lunch.

This large undeveloped parcel of land contains many items of interest to naturalists -- sandy beaches, lakeshore bluffs, rare plants, birds and insects.

□



TORONTO FIELD NATURALISTS

20 College St., Suite 11
Toronto, Ontario M5G 1K2

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TORONTO FIELD NATURALIST

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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	

NO G.S.T.

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\$30 FAMILY (2 adults - same address, children included)

\$25 SINGLE, SENIOR FAMILY

\$20 STUDENT, SENIOR SINGLE

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