

Growing As We Should—3,518 acres!

Land Trust protected areas grew again late in December. Two transactions of 5.01 and 5.02 acres respectfully contribute to a restoration plan for the 3,350 acre Durham East Cross Forest (ECF) Conservation Area. The ECF project was initiated in 2005 after properties in the area suffered impacts from off-road motorized vehicles, dumping and other illegal activities.

The Trust has entered into this work as an active partner with the Kawartha Region Conservation Authority, to ensure connectivity of other lands already protected.

The parcels are completely forested with known presence of both Canada Warbler and Red-shouldered Hawk, the former of regional concern and the latter designated by provincial and federal Species at Risk legislation as "Special Concern". The Red-shouldered Hawk, like many species, requires large tracts of forest with mature trees and accessible wetland features.

In addition to a healthy diversity of species, the properties are part of a larger area contributing the greatest proportion of ground water discharge to East Cross Creek, which eventually drains into the Scugog River, the source of drinking water for the Town of Lindsay.

Another late 2013 transaction is a Conservation Easement donation on 31.56 acres. It's the Trust's most easterly securement on the Moraine to date, south of Rice Lake and

the hamlet of Gore's Landing. Situated within the Cold Creek watershed of the Ganaraska Region Conservation Authority, the property is designated as environmentally sensitive by the Township of Hamilton in their official plan.

Approximately 1/3 of the property includes wetlands, headwaters and environmentally sensitive lands. As such, it is home to an array of amphibians and reptiles including the Spotted salamander (*Ambystoma maculatum*) and Common snapping turtle (*Chelydra serpentina*).

The latter, like the Monarch butterfly also recorded on site, are species of Special Concern. Further inventory in other seasons is sure to reveal even more species and more great reasons why this Conservation Easement is an exciting addition to protected areas in the eastern section of the Moraine.



Courtesy Ontario Nature, Peter Ferguson photographer





YOU Did It!

Your generous donations since 2010 proved that you care in 1 Million ways about protecting the Oak Ridges Moraine.

Individuals, Family Foundations, Corporate Foundations, Major donors and our own Staff and Directors contributed to the target set as a part of the Trust's 10th Anniversary.

Thanks to everyone for proving that environmental health is something we need to support. The tree and our future are brighter because of you.



What is Healthy?

Clean air. Fresh water. The basic building blocks of individual survival. Without them we would not be healthy.

All species require the right conditions to live, thrive and continue with suitable food and habitat. We all rely on our environment.

We feel smug here in central Ontario. We don't have days when the sun is obliterated by smog. We have rivers and streams that still run free. Maintaining this healthy state needs long-term thinking now. An ounce of prevention IS less difficult than a pound of cure.

The Land Trust is just citizens like you who thought ahead with a vision for the future of the Oak Ridges Moraine.

Which is: *"...a vibrant, healthy, sustainable ecosystem within which the Trust and partners including private landowners are actively cooperating in conservation and protection of the Moraine and connected areas."*

This issue of Future explores the theme of "healthy" as it relates to life on, and protection of, the Moraine. Here's to our health!



NEW E-MAIL ADDRESSES!

All of the ORMLT email addresses have been changed for greater branding consistency. If you haven't already done so please adjust your directories to reflect our @oakridgesmoraine.org identification. See the website for specific detail.

Directors

MCINTYRE, GAIL	SHAW, FRANK	SWAIL, DAVID
MILNE, JOHN	SHEPHERD, BOB	TAYLOR, ANGELA
DUBÉ, MARY	NORRIS, CHRIS	SHORT-GALLÉ, PATRICIA
ELSON, BRENT	SCHULZ, NICHOLAS	SOKALSKY, STEVEN
		WINDLE, JAMIE

A Tribute to Two Special Friends

Our Land Trust community was one of many saddened to hear of the passing of treasured land donors, supporters and friends, David Fayle late in December and Janet, his wife, in late February.

A leading expert in forest tree root growth and at the forefront of climate change research, David's many accomplishments include the use of his doctorate thesis from the University of Toronto as a first year forestry text for at least thirty years.

After receiving her degree in Home Economics, Janet worked as a therapeutic dietitian in the Ottawa General Hospital. She and David moved to Richmond Hill in 1961 where they made their family home for 35 years. In the early 1970s Janet worked in an energy conservation clinic; a quiet advocate for recycling and sustainable living long before it became popular.

Both had a keen interest in history and heritage conservation. Janet co-founded one of the first Local Architecture Conservation Advisory Committees and led the renovation of Richmond Hill's Burr House. Meanwhile, David chaired the Committee and was an active lead on moving the Richmond Hill Presbyterian Manse to Black Creek Pioneer Village. In the early 1980s, Janet launched her own Heritage Conservation business.

The Farm Up Country was a property purchased by Janet's parents in 1947. Much loved by both David and Janet the 25.5 acres in Adjala Township became a perfect back drop for all of their interests. In 1991 they combined the 1900's home on the property with an 1820's farmhouse moved from Richmond Hill. It made an ultimate "re-use" statement. Shortly after, it became their permanent home. Janet kept up her business, David toiled with tree planting and together they operated a delightful Bed and Breakfast until 2011.

The devotion David and Janet lavished on their land and buildings is captured and protected forever. In 2007, they registered a Conservation Easement with the Land Trust which will protect their vision and ensure that subsequent owners respect their goals for sustainable use of the lands.

Mixed in with raising a family, cutting-edge work, running businesses and academic activity were countless hours of voluntary service to innumerable boards, committees and associations, including the Trust. Both David and Janet have contributed many hours to supporting the work of the Trust

though service to the Land and Stewardship Committee and, more recently, the Fundraising and Outreach committee.

David's leadership in and out of the classroom inspired others to care about the Moraine, including Cat Cybulski whom David talked into taking on a volunteer property monitor role for the Trust.

"Dr. Fayle was my Silviculture professor at the U of T in the late 1980s. One of our class field trips was to his and Janet's property, when they just started renovating the farmhouse. Years later I was flattered that my prof recommended me to the Trust to 'review' his work! It was great to come back and see what a wonderful job they did with the property. David was always outside doing something when we arrived for our visit, never looking a day older than the year before, and he enthusiastically guided us around the land. Janet always provided a fine lunch after the walk. It was a pleasure I looked forward to every year, and I will miss this special time with them."

Many friends and associates making memorial donations to the Trust at the request of the family have shared with us that David and Janet often talked about the Trust and their commitment to protecting a portion of the upper reaches of the Nottawasaga River headwaters.

Those who knew David and Janet can take comfort knowing that each passed away peacefully over-looking their lands on the Moraine, with people they loved surrounding them.

Rest well, dear friends, you left the world a better place.



Photo : J. Gilchrist

Natural Support Systems

Our friends in land stewardship across the Moraine estimate that the cost of machine planting an acre of trees is about \$2000, less of course if hand-planted. Recreating a wetland costs about \$6000 per acre.

The Trust could easily protect a 100 acre parcel of property, forever, for \$20,000 - \$50,000 right now. What makes more economic sense? Save it now, or rebuild just a portion of that functionality at a cost of \$82,000? (presuming only 35 acres to be planted as forest and 2 acres as wetland).

As you ponder the question consider that an acre of forest in this part of Ontario provides about \$5,101 worth of ecological goods and services (EGS) annually. This, according to *"Ontario's Wealth, Canada's Future"* a joint report of the David Suzuki Foundation and the Friends of the Greenbelt Foundation. A wetland: \$5,738. Even idle land and hedgerows provide \$674 and \$679 respectively Each year!

If a 100 acre property on the Moraine had 35 acres of forest (either a continual area or combination of smaller woodlots) 30 acres of open, fallow fields and just 2 acres of wetland it's annual value of EGS would be \$210,000.

These land cover types are all places where pollinators live – those wee critters who fertilize plants that provide your food. They are lands that prevent flooding because they act

like a huge sponge every time it rains, reducing immediate run off, slowly releasing it when times are drier. They are lands that absorb excessive heat and provide shade and cooling - reducing the need for energy produced with high CO2 emissions. The forest trees cleanse pollution from the air before you breathe it in – reducing the cost of respiratory care. Those “non-market” services add up.

That's air filtering, water cleansing, species diversity, pollination, flood reduction and much more—free!- every year.

So, what system is the better investment? Prevention or cure? You decide.



Photo: A.Gillespie

Signs of the Planet

Chris Hadfield popularized Canada's space program and provided many outstanding images, including some where the Moraine could be seen clearly from space.

You can keep that interest going with ["Vital Signs of the Planet"](#), a data geek's dream come true hosted by NASA. Teachers, students and those who are simply interested can find a great collection of maps, data, videos and interactive pieces to explore many of these 'body systems'. All, with a "from-space" perspective.

Take a good look, then bring your interests back to earth, to the Moraine, by considering what you can do to measure vital signs here in our own backyard.

More Loss

The Land Trust and conservation communities lost another long-time champion in December. Lorne Almack of Claremont, a long-time supporter of Ontario Nature and vocal opponent of the Pickering Airport inspired many others to take action in their own way. Bob, his son, has protected 200 acres in Scugog Township through a conservation easement with the Trust.

Lorne's efforts were not just in advocacy, as evidenced by a nephew's tribute, "Whether it was in the way he managed his land to his love of animals and people. He went far beyond everyone that I have ever known..."

Environmental champions like Lorne make a difference in our shared and healthy future.



Leaving the World A Better Place

Do we truly set out to destroy the health of our world? Probably not. Damage done is through actions we don't fully understand or feel we have much control over.

We heat our houses with non-renewable fossil fuels. We could use less fuel with more insulation or take other simple conservation measures.

We need clean drinking water, made safe through a very expensive process. We could lessen demand by reducing outright waste in many easy ways.

We want to live in large houses, then lament the loss of forests, fields and agricultural lands. We could do better by accepting intensified, smaller footprint housing.

Every little thing we do adds up, if not making the world a better place, at least not making it any worse. Now - with our actions. Later - with contributions to

organizations like the Trust who will protect the environment when we are gone.

We have a commitment to the nature reserves we've already secured, you can help that commitment live on forever. Every remembrance you leave in your will, no matter how much, helps.

Please consider the Land Trust when you create or update your will. You can easily leave the world a better place.



A Growing Vocabulary

As early as 1986 the World Health Organization (WHO) proclaimed that [health care is not separate from caring for the environment](#). What is the link that WHO is making to environment? What link is the Land Trust making to health? Are we both coming at the same issue from different starting points?

Promotion. Attitude. Future. Care. Add the word 'health or healthy' before (or after) any of these words and you have a great conversation. Now, combine or replace with words like; prevention, wellness, recovery, cure. This is not an area for casual small talk! Add in the

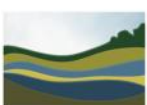
word environment or environmental to any of the above and you have to start learning a new language!

It looks as though all of us may need to get familiar with some new (and older) terms and phrases. In the process, we are sure to find a few thought provoking ways of looking at our place in "the environment" be it social, spiritual or physical.

Space is limited here so readers are encouraged to check out the following terms as they relate to thinking about health and environment.

Those of a certain age will understand the advice to "look that up in your Funk and Wagnalls", others can take advantage of the live links embedded in your electronic copy or simply "google it".

- ["friluftsliv" \[free-lufts-leav\]](#)
- [ecopsychanalysis](#)
- [conservation psychology](#)
- [Landscape and Human health](#)
- [ecopsychology](#)
- [Terrapsychology](#)
- [Socioecology](#)



**OAK RIDGES MORaine
LAND TRUST**

**Please call 905-833-3171
or visit www.oakridgesmoraine.org**

My Health, My Family

"I run 10 km or work out three to four times a week and have done for decades for my health and sense of wellbeing. My 'running buddy' is daughter Lynda. We are fortunate here on the Moraine in Uxbridge, the area provides many trails, route options and great scenery. We breathe clean air, see and hear birds and mammals. Every day is different."

Land Trust Director Bob Shepherd has lived on the Moraine for 40 years, serving his community in many ways, including one term as Township Mayor. He's raised a family and taken charge of his health. "Stress is something I rarely experience. I am stronger and happier and enjoy every season, including winter, because of my commitment to getting out there and being physically active."

When asked why he runs Bob responds, "It is all about feeling healthy and strong. There is absolutely nothing more important than your health. I'm a husband, a father, a grandfather. I like to set a positive example for my large family. All of that comes easier when my energy and concentration is intact. When I'm running outside on the Moraine, I feel good. It's like a form of meditation."

There's more to Bob's outlook than his personal health. In 2004 the Shepherd Family committed to protection of their

10 acres of the Moraine from development for the benefit of future generations. They registered a Conservation Easement with the Land Trust. "In the big picture, even on the Moraine, this is a small piece of land, but all of us working with our pieces, big and small, can make a difference."

Actions speak louder than words with Bob. The easement on the family property leaves the world a better place. Preserving the trees has multiple benefits to society including providing the seeds for restoring the coverage on nearby gravel operations.

"Many grandparents like me think about leaving our grandchildren a healthy inheritance. It's just as important to leave them a healthy world in which to enjoy it. I'm going to keep running, and doing my part."



OUT AND ABOUT ON THE MORAINE

Saturday, April 26: York Region's "Spring Forest Festival", Eldred King Tract, York Regional Forest

Saturday, May 3: ORMLT's Annual General Meeting at the Oak Ridges Community Centre, Richmond Hill

Saturday, June 14: ORTA's Moraine Adventure Relay, Gore's Landing to King City

Sunday, July 6: ORMLT's Ride for the Moraine, Zephyr Community Centre

Saturday, August 9: SPLASH Festival's "Fantastic Forest Adventure", Brown Hill Tract, York Regional Forest

For more details:
Oak Ridges Moraine Land Trust website
www.oakridgesmoraine.org

Annual General Meeting

Join us Saturday, May 3 at the beautiful Oak Ridges Moraine Community Centre (Richmond Hill) for the Trust's Annual General Meeting.

2:15—2:30—Hiker Registration for an optional 45 minute, leisurely-paced Hike on the Oak Ridges Side Trail.

2:30—3:15—Hike

3:00—3:30—Registration, meet and mingle, enjoy refreshments and explore the Oak Ridges Moraine Eco Room

3:30—4:30—Business Meeting—followed by Dr. Lisa Nesbit, Associate Professor Psychology Dept., Trent University presenting:

"To Promote Happiness, Health and Sustainability, Trust Nature"





Where on the Moraine?

Can you identify a National Historic Site on the Moraine which was home to four generations of physicians? It's now a great place to explore the history of medicine as you travel around the Moraine this spring and summer.

Lookin' for Adventure?

It's not too late to register as a participant for the 4th Annual Ride for the Moraine.

Motorcycle enthusiasts will tour roads of the Moraine departing from the Zephyr Community Centre Sunday, July 6 at 10:00 a.m. Enjoy a BBQ lunch after your ride, or just drop by to say hello.



In addition to the required registration fee, participants are encouraged to raise pledge funds in support of the Trust's work. Contact Mary, 905-473-9523

Membership Form

Name(s) – Family memberships entitle up to four family members living at the same address and over the age of 18 to a vote at the Annual General Meeting and each such member may stand for election to the Board of Directors. Please print clearly.

Address: _____

Telephone: _____ E-mail: _____

Please indicate your preferred form of contact:

Mail E-mail Telephone

May we share your e-mail address from time to time with other organizations involved in protection of the Oak Ridges Moraine? Yes No **Our membership list will not be sold.**

MEMBERSHIP TYPE

Individual \$40 Family \$75 Student \$20

Healthy Partnerships

None of us walks alone. As one of many environmental organizations protecting the Moraine, the Trust must work in partnership with others.

The Trust is not funded by tax dollars but often works with those who are. Several of these organizations recognize that the Trust helps them achieve their goals. York Region's Forestry Division is one such entity. The Region recognizes that private land owners, through the Land Trust, can commit to conservation of natural spaces in perpetuity and help to meet objectives expressed in the "Greening York Region" plan.

There is a formal memorandum and a financial contribution available to the Trust's land securement work undertaken in York Region. This year to year contribution supports securement of private lands for conservation purposes and outreach to landowners about the importance of protection of the Moraine.

Trust involvement in events like the SPLASH Forest Festival, and York Region hosted forest hikes provides

further opportunity to strengthen awareness about the Moraine and how the Region's Forestry program assists in its protection.

Partnerships take place in other areas too. The Trust is currently engaged in activity with each of the Toronto, Kawartha and Ganaraska Conservation Authorities and the Region of Peel. We have worked successfully over the past 12 years with several municipalities and many organizations whose conservation, protection and stewardship interests intersect with the Trust's vision.

All of these healthy partnerships, and many more to come, are necessary to ensure a sustainable Oak Ridges Moraine.



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ENCLOSED PLEASE FIND MY DONATION OF:

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