



Stan Nowak, Editor
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www.giantsrib.ca
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The Giant's Rib Discovery Centre is now on Facebook!

Visit our website and look for the link:  Login with Facebook for all the latest news and updates.

The Bruce Duncan Memorial Lecture Series

This series, proudly sponsored by the Giant's Rib Discovery Centre, is named in honour of the former General Manager of the Hamilton Conservation Authority and is dedicated to promoting the Niagara Escarpment as an internationally-recognized World Biosphere Reserve, as well as being a truly unique topographic feature of our natural and cultural heritage.

Next Presentation of this Season: Sunday, April 14th, 2013

The Rehabilitation of Escarpment Quarries

With Moreen Miller, President, Ontario Stone Sand and Gravel association



Moreen Miller is the President of the Ontario Stone, Sand & Gravel Association (OSSGA) www.ontariossga.com, the industry association representing over 250 sand, gravel, and crushed stone producers and suppliers. OSSGA works in partnership with government and the public to promote a safe and sustainable aggregate industry. Prior to joining the OSSGA, Moreen was Vice President, Land, Aggregates and Concrete Division for Lafarge, the world's largest construction materials producer.

Moreen has worked internationally with legislation, rehabilitation initiatives, community affairs and sustainable development throughout the 75 countries in which Lafarge operates worldwide. She has an academic background in geology and landscape architecture, and has over 20 years of experience in the rehabilitation and restoration of industrial landscapes. In previous career positions, and with her current employer, Moreen has been involved in many industrial rehabilitation projects across North America, as well as provincial initiatives in Ontario involving non-renewable resources, policy development, and sustainability.



The Bruce Duncan Memorial Lecture Series

The Complete 2012 – 2013 Program

- September 30 **Fungi: Friend or Foe**
KYLE McLOUGHLIN Experienced Wilderness Guide and Naturalist
- October 21 **For The Birds: What Birdwatchers Do**
JOHN BLACK, Past President of Ontario Field Ornithologists
Co-Author of "Niagara Birds"
- December 2 **My Favourite Hikes Along the Bruce Trail**
BETH KUMMLING, Executive Director. Bruce Trail Conservancy



- February 10 **Origins of The Niagara Escarpment Plan**
CORWIN T. CAMBRAY, former Niagara Escarpment Commissioner
- March 24 **The Cootes to the Escarpment Plan**
BRIAN BAETZ, Environmental Engineer, McMaster University
Member of the Cootes to the Escarpment Planning Team
- April 14 **Rehabilitation of Escarpment Quarries**
MOREEN MILLER, President, Ontario Stone Sand and Gravel Association
- May 5 **The Wild Orchids of the Bruce Peninsula**
SEAN LIPERE, Species at Risk Outreach Coordinator and Ecological
Communications Officer for the Bruce Peninsula National Park and Fathom Five

Attempts will be made to organize field trips related to the Lecture Series presentations.

Presentations will be held on Sunday afternoons, from 2:00 - 3:00 p.m. at the former Parks Canada Discovery Centre on 57 Discovery Drive, Hamilton, now administered by the Hamilton Waterfront Trust.

Parking is free, but there is an admission charge of \$3.00 for each of the presentations. Refreshments will be provided after each presentation, along with an opportunity to talk with our guest speaker!

For further information: Kenneth Hall kenjoan75@sympatico.ca, Sylvia Zsidi sylviaz@cogeco.ca

Art and Photography of the Heritage of the Niagara Escarpment

Celebrates 'the art' of the natural and cultural heritage of the Niagara Escarpment featuring a new local artist every month at the Dundas Valley Trail Centre, Dundas Valley Conservation Area, 650 Governor's Road, Dundas.
Saturdays and Sundays only from 10:00 a.m. - 3:00 p.m.

PLEASE NOTE: Park entrance fee is now \$9.00 per car, but walk in or bike in is FREE.
Your parking fee supports the Dundas Valley Conservation Area and can be used towards admission at any other Hamilton conservation area on the same day.

There is no admission fee to view the exhibit, but donations are gratefully accepted.
For further information: Kenneth Hall kenjoan75@sympatico.ca, Robert Gerritsen rigerritsen@cogeco.ca

For the Month of April 2013 – Two Exhibitions:

Singular Moments - Photography of the Niagara Escarpment

Featuring the artistic works of Terry A. McDonald

Revealing the art inherent in nature, both real and imagined...

Based in Guelph, Ontario, Terry A. McDonald is a Canadian artist and workshop leader working in the field of fine art environmental photography.

He approaches photography as both an art and a craft: a solid grounding in technique frees him to explore a variety of visual styles. His goal as an artist is to reveal the art inherent in nature.



www.terryamcdonald.com - photography by Terry A. McDonald



www.terryamcdonald.com - photography by Terry A. McDonald



www.terryamcdonald.com - photography by Terry A. McDonald

Copper Green

*lux*Borealis.com

Birds of Prey: Owls and Hawks

Featuring the work of taxidermist Jim Jackson



Jim Jackson is an award-winning taxidermist, having gained international recognition at various taxidermy competitions, including the World Taxidermy Competition.

His work will be a regular feature at our Trail Centre in the coming months and will showcase local birds.

This month, the exhibit will feature birds of prey that stay with us throughout the winter.

Jim is based in Hamilton and he is a member of the National Taxidermists' Association with over 30 years' experience.

For more on Jim and his work, visit www.jimswildlifetaxidermy.com



Saturdays and Sundays only from 10:00 a.m. - 3:00 p.m.
Dundas Valley Trail Centre, Dundas Valley Conservation Area

The Hiker's Rib

Field Trip News from Kyle McLoughlin

Quarry Restoration Hike

The Giant's Rib will be visiting Kerns Road in Burlington on the 27th of April to view the effects and methods of Quarry Restoration in relation to the topic of our April lecture by Moreen Miller for the Bruce Duncan Memorial Lecture Series. It will begin at 10:00 am at the Kern's Road parking lot and end at the starting location at 12:00 noon. There are limited spots available, so please contact kmcloughlin@giantsrib.ca to reserve a spot. A \$5 donation to the Giant's Rib would be appreciated.



Kyle McLoughlin
GRDC Hike Co-ordinator

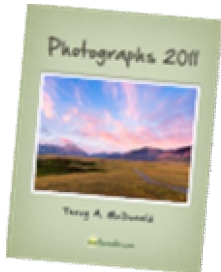
The Literal Rib

A (digital) book review by Stan Nowak

Photographs 2011
Terry A. McDonald

ISBN 978-0-9813705-2-1
www.luxborealis.com

This latest book review is a little different; this is a digital book produced by our current Artist of the Month, Terry A. McDonald and available for download for \$9.99 from his website www.luxborealis.com



Photographs 2011 is an exploration of 85 of Terry's most important images from 2011. Each of the five "chapters" – Baker's Dozen, Around Home, Great Western Road Trip, Curiosities and Motion Landscapes – explores different locations and different styles of photography.

As a whole, the portfolio is an excellent vehicle for learning photographic technique by studying and deconstructing photographs.

This digital book is available in PDF format (which can be read on virtually any computer or tablet) directly from his website.

*lux*Borealis.com

Waterfalls along the Niagara Escarpment

Waterfalls of the Month by Joseph Hollick

Shaver Falls is located on a tributary of the Ancaster Creek between Wilson St. and Filman Road in the Ancaster section of Hamilton on the section of Iroquoia Heights Conservation Area west of Highway 403.

Shaver Falls is considered a Complex Ribbon Cascade waterfall with two distinct drop sections and also the lower drop section may have one or two separate cascades falls depending whether debris is blocking one of them or not. This waterfall is seasonal, thus it is best to visit it after a rainfall or during the winter snow melt. Its total height varies between 8 to 10 m, depending whether one of the second lower cascade falls is blocked or not, and it has a crest width 3 m (10 ft.) on the first cascade section.

The waterfall is named after the Shaver family who owned the property in the mid 1800's and it was known as Shaver Falls at that time. Alternate names for this waterfall have been Wilson Falls and Filman Falls due to its location between these two roads.



Visiting Shaver Falls requires you to follow the Bruce Trail from either the Filman Road access or the Wilson Street access. If using Wilson Street, park at the Tiffany Falls Conservation Area on Wilson Street . in Ancaster, follow the shoulder down the escarpment (east) to the Bruce Trail, then follow the Bruce Trail up the escarpment to the next ravine, then follow this creek (Ancaster Creek tributary) upstream (to the right) about 100m to the base of the falls.

If using the Filman Road access, exit Highway 403 at Rousseau Rd, turn right at the first traffic light onto Filman Road, follow Filman Road to the very end, (there is parking for two cars), follow the Bruce Trail downstream to past the second wooden bridge. Do not cross either bridge, instead leave the Bruce Trail and follow the creek upstream to the base of Shaver Falls.

Happy Waterfalling!

Teacher's Corner

by Ken Hall

The Dundas Valley is one of the most spectacular and diverse spots along the Niagara Escarpment. Its 1,200 hectares of Carolinian forests, fields, cold-water streams and stunning geological formations are home to an array of rare plants, birds and other wildlife.

The Dundas Valley is part of the Niagara Escarpment which has been designated a World Biosphere Reserve by the United Nations Educational Scientific and Cultural Organization. The Dundas Valley offers a 40-kilometre trail system open to hikers, dog-walkers, cyclists and equestrians.

From the Dundas Valley Trail Centre, the Hamilton Conservation Authority offers an Interactive Outdoor Environmental Program which is suitable to elementary and secondary school students.

Here is a sample of some of the courses that are being offered:

Life and Space Systems – Gr. 2 to 8

- Growth and Changes in Animals
- Growth and Changes in Plants
- Habitats and Communities
- Biodiversity (Gr. 6)
- Interactions in the Environment (Gr. 7)
- Water Systems

Nature Appreciation – Gr. 2 to 6

- Birds of all Seasons and Winter Birds
- Birds of Prey
- Eco Games
- Nature Walks

Science and Geography

- Sustainable Ecosystems
- Forest Ecology
- Wildlife Ecology
- Stream Ecology
- Diversity of Living Things
- Conservation Projects

To book:

Contact **Beth Stormont**, Educational Program Manager, at BethStormont@conservationhamilton.ca or call at 905-627-1233.



Come Join the Giant's Rib Discovery Centre!

The Discovery Centre Needs Your Help!

Are you interested in the Niagara Escarpment World Biosphere Reserve? Do you want to learn more about it and contribute to its protection?

Volunteering with the Giant's Rib is one way you can do that. We have positions available for volunteers on weekends at the Centre, and Director openings as well. We're growing and expanding, so if you're excited about the Niagara Escarpment, this is the place to be.

Please visit www.giantsrib.ca to learn about the available positions listed below



Discovery Centre Interpretive Volunteers

Recognition Program Coordinator



About the GRDC

The Giant's Rib Discovery Centre tells the story of the Niagara Escarpment through interpretation at the Centre on weekends and through our public outreach programs. These include a weekend Arts and Photography Series featuring a local artist each month, guided interpretive hikes, the Bruce Duncan Memorial Lecture Series, and we offer a Grade 4 curriculum-based Rocks and Minerals unit to elementary schools free of charge.

We require interpretive volunteers to work half-days on weekends at the Centre (located within the Dundas Valley Conservation Area at 650 Governor's Road in Dundas) and co-ordinators to manage public programs and support our annual fundraiser in June.

For detailed descriptions, please visit www.giantsrib.ca



If you are interested in any of these positions, or if you have a specific skill set you feel may assist us, please contact Chris Hamilton at chamilton@giantsrib.ca



Your Giant's Rib Discovery Centre's Board of Directors for 2012-13

Executive Officers

Chris Hamilton, President **Ken Hall**, Past President
Warren Beacham, Treasurer **Joseph Hollick**, Secretary

Kenneth Hall	Co-ordinator, Friends of The Giant's Rib Director, Education Committee
Chris Hamilton	Outreach Co-ordinator A / V Presentation Co-ordinator
Joseph Hollick	Co-ordinator, Niagara Escarpment Waterfalls Research Co-ordinator, Site and Building Development
Robert Gerritsen	Co-ordinator, Art and Photography of the Heritage of the Niagara Escarpment
Ernie Kuechmeister	Co-ordinator, Recognition Program
Jennifer McPherson	Marketing and Fund-raising
Kyle McLoughlin	Co-ordinator, Field Trips
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Danya Scime	Co-ordinator, Special Events
Rob Willett	Co-ordinator, Marketing and Communications
Sylvia Zsidi	Co-ordinator, Bruce Duncan Memorial Lecture Series

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unless you really need to.***

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others via e-mail.***