



President's Message

If one stands back, it is possible to view recent events within a historical perspective. Such viewing with history in mind can be informative and interesting. Over the years, the Presidents of our Chapter have written two to four newsletter columns each year with an average of three; this is my third and I plan to write at least one more. One of our past Presidents likened the writing of these newsletters with movie trilogies and the point made at that time was to contribute a column more like the second 'Lord of the Rings' movie compared with the second 'Matrix' movie; this view suggests it is important to maintain momentum but to also ensure you finish strong. At this time, I know that my favourite hockey team, Toronto, lost momentum and finished the week by missing the second season for the seventh straight year; this streak corresponds to the time period I have been back in Canada but I am not sure what that relationship represents. For our Chapter, we seem to have positive momentum. We just completed a successful meeting at a new venue. At this meeting, we

(continued on page 3)

2012 Ontario Chapter AGM Summary by Brian Morrison

The 2012 Ontario Chapter Annual Meeting and Conference was held March 1st to 3rd, at Viamede Resort on Stoney Lake. There were eighty-one registrants (35 of which were students!) for the 2-day meeting. Twenty-one talks covering a range of subjects from MNR's Broadscale Fisheries Management initiative to genetic characterization of species complexes were given. Fourteen students presented orally and it was judged that William Glass (University of Windsor) gave the best presentation, thus winning the E.J. Crossman Award. Shannon Fera (Trent University) was presented with the Ontario BASS Federation Nation (OBFN) Award for the best student poster. A special session led by Dean Fitzgerald and Silvia D'Amelio included identification of possible topics for workshops and member training at future events. The Business Meeting was held on Friday afternoon and included an update on the North Central Division activities by NCD President-Elect Gary Whelan, as well as the usual business meeting updates from our Treasurer and Membership Chair. Nominations for the Ontario Chapter Executive Committee were solicited for two

(continued on page 8)



The audience enjoys one of the many great talks at the 2012 AGM. Photo courtesy of Warren Dunlop

In this issue:

President's Message.....	Page 1	Gyotaku.....	Page 5
2012 AGM Summary.....	Page 1/8	Student Subunit News	Page 7
2012 AGM Sponsors.....	Page 2	Fish versus Fishes.....	Page 8
History Bytes.....	Page 3	ROM Fish ID Course.....	Page 9
View from Up Here.....	Page 4	2012 AGM Photos.....	Page 10

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The Lateral Line

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Newsletter of the AFS-OC

VOLUME XII ISSUE #2



Gold Level Sponsors



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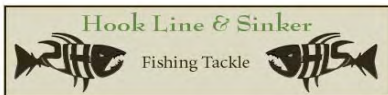
Photo above: Two of the booths in our sponsor's corner.
Photo courtesy of Warren Dunlop.



Silver Level Sponsors



Bronze Level Sponsors



Sponsors for the 2012 AFS-OC Annual General Meeting.

We thank all of the sponsors for their generous support and encourage you to support our sponsors.

The Ontario chapter is proud to be associated with:



www.ontariofishes.ca

Earth Day 2012

April 22 - Earth Day is a day set aside for us to reflect on the Earth's natural environment. Earth Day was allegedly introduced by John McConnell in 1969. It was first observed in San Francisco and other cities on March 21, 1970, the first day of spring. Around the same time, a separate Earth Day was founded by United States Senator Gaylord Nelson on April 22, 1970. While the initial April 22 Earth Day was focused in the United States, by 1990 it was being celebrated in 141 nations. Earth Day is now coordinated globally by the Earth Day Network and is celebrated in more than 175 countries every year. Numerous communities celebrate Earth Week, an entire week of activities focused on environmental issues.

President's Message (continued from page 1)

had record attendance from the standpoint of sponsors, members, and most importantly students; we had six contributed posters as well, and that may also be a record but it was nonetheless positive. Our members contributed presentations that allowed us to discuss a myriad of topics of historical and current relevance along with the business of our Chapter; it also appears that this meeting motivated several individuals to step forward to volunteer for different positions within our Chapter. Thus, I view our meeting as a success but please also see the column that is dedicated to the meeting in this newsletter for a full review. Moving forward, we are presently planning several meetings to allow our members to interact across Ontario, including Thunder Bay, Ottawa, and Windsor. Our Chapter will provide funds to complement these future interactions but they will only occur because a member in those locales has taken on the responsibility as host. We seem to be moving in the right direction to finish strong this year.

During 1994, I started my M.Sc. at the University of Waterloo, to assess the relationship between land use and the biological, chemical, and physical features of small streams. This assessment allowed for the interactions with students and researchers at different universities, with scientists at the Ontario Ministry of Natural Resources, with individuals at the Grand River Conservation Authority, professionals from groups such as Trout Unlimited along with land owners like farmers, businesses, and universities. Our approach allowed for the detailed assessment of three streams, from headwaters to the confluence with the Grand River, and the quantification of key endpoints. From this effort, we were able to contribute several articles, complete conference presentations, and prepare other documents that describe the relationships observed. These contributions documented some of the linkages evident between land use and stream endpoints, and provided the basis for my future interactions with individuals from different groups to collectively complete a multi-faceted study.

Dean Fitzgerald, AFS-OC President (president@afs-oc.org)

So long Andrea and Thanks!

It is with mixed emotions that we say goodbye to our current Secretary, Andrea Hibbert. Andrea announced that she will be stepping down after this year (her term ends on August 31st!). We are sad to see Andrea leave the Executive Committee but we are happy that she will have time to pursue other interests. Best wishes Andrea!



Photo above: Andrea Hibbert, AFS-OC Secretary 2008-2012, with a Northern Pike.



Photo above: E.J. Crossman Award winner, William Glass (University of Windsor) with OC Vice President Nick Lapointe and OC President Dean Fitzgerald. Photo courtesy of Robin Gaspardy.

Photo below: OBFN Award winner, Shannon Fera (Trent University) with OBFN Representative Jason Barnucz and OC President Dean Fitzgerald. Photo courtesy of R. Gaspardy.



History Bytes

There have been 3 Secretaries of the Ontario Chapter of the American Fisheries Society (AFS-OC). One of those was also the last Secretary of the Southern Ontario Chapter (AFS-SOC). There were 12 Secretaries during the 25 years of the Northwest Ontario Chapter (NWO-AFS) and there were 7 Secretaries during the 16 years of the AFS-SOC. The average tenure of a Secretary in the NWO-AFS was 1.5 years (range 0.5 to 3 years) but the position was combined with the Treasurer position. The average tenure of a Secretary in the AFS-SOC was 2.3 years (range 1 to 4 years) and the average length of time that a Secretary served the AFS-OC was 3 years (range 1 to 4 years).

View from Up Here by Bill Gardner

I like to travel, I always have. My parents took me and my siblings on some neat adventures while we were growing up, Florida and Scotland being the furthest trips from home. I am always on the lookout for a unique place to travel to. A friend sent me a link to a resort where she suggested I might take my next vacation. The resort is located in Fiji and has 25 underwater (40 feet below the surface) luxury rooms (more like pods!). Although this resort is a smidge out of my price range (\$15,000 per person for a week (but only 2 nights actually underwater)) it reminded me about how much I love being underwater. I can still remember the first time I saw 20,000 Leagues under the Sea. Aquaman was always a favourite character on the Super Friends (way better than the Wonder Twins) and I spent many hours as a child with a mask and a snorkel in the water watching the underwater world. I bring this up because looking at the Fiji resort website reminded me about an article I once saw in the Journal of the Fisheries Research Board of Canada about an underwater observation platform that was located in Lake Huron. The paper by Alan Emery (Journal of the Fisheries Research Board of Canada, 1973, 30(6): 761-774) detailed underwater observations of fishes near Tobermory from the underwater platform. Divers would swim to the platform, day or night and spend hours observing fishes. A quick internet search revealed the long history of Sublimnos. An underwater observation platform built by Dr. Joe MacInnis, this platform has had a pretty spectacular existence. Sadly, it is currently sitting in a field near Lake Ontario (you can do an internet search and read all about how it got from Lake Huron to Lake Ontario). As spring turns to summer Sublimnos will once again be visited by many divers, sadly none of them in the water. As for me, I will continue to snorkel and SCUBA dive out at the cottage, watching the fish, and dreaming of living under the sea. Until then, Happy Fishing.



Photo above: Wild Turkeys crash the meeting at the 2012 AGM. Photo courtesy of Warren Dunlop.

Photo below: Assembling brush bundles in southern Ontario. Photo courtesy of Samantha Mason and Andrea Hibbert.



Photo below: Sublimnos as it stands today. Photo courtesy of Jim Kozmik (<http://stephenweirarticles.blogspot.ca>)



Photo left: Bill Gardner enjoying winter in northern Ontario.

Photo right: Fish habitat in Big Creek, Delhi, ON. Photo courtesy of Katie Easterling.





Gyotaku Fish Printing

Gyotaku (pronounced ghee-oh-tah-koo), ("gyo" = fish, and "taku" = impression) is the Japanese art of fish printing which originated in Japan in the mid to late 1800's. Its original intent was to record trophy catches before the widespread availability of the modern day camera. Many of us in this field who attended the University of Guelph in the 1970's to 1990's were first exposed to this art form in Ichthyology classes. Gyotaku has become a popular art form with widespread appeal to both anglers and art lovers.

Gyotaku has two distinctly different methods, the direct method, and the indirect method. The direct method involves painting the side of a fish and then pressing paper or fabric on to the fish. When the fish is lifted the paper will reveal a detailed mirror-image. The indirect method involves taking a wetted piece of paper and pressing it over the body of a fish, and then colouring the raised surfaces of the fish on top of the paper using a cotton ball dabbed in paint. A quick Google search reveals many websites and artists who are practicing this art form. The above photo is from Capt. Don Regar, Jr at <http://www.gyotaku.net>.



North Central Division (NCD) of the American Fisheries Society Strategic Plan

The draft AFS NCD 2012-2015 Strategic Plan was posted to the web site for a 30-day comment period, which closed on March 1. No comments were received. Please vote on this guiding document by May 1, 2012, at

<http://www.surveymonkey.com/s/ZJ6KG6>

For more information please visit:

<http://www.ncd-afs.org/>



Photo above: Eel ball. Photo courtesy of Tom Pratt.

Upcoming Ontario Chapter Events

Executive Committee Elections

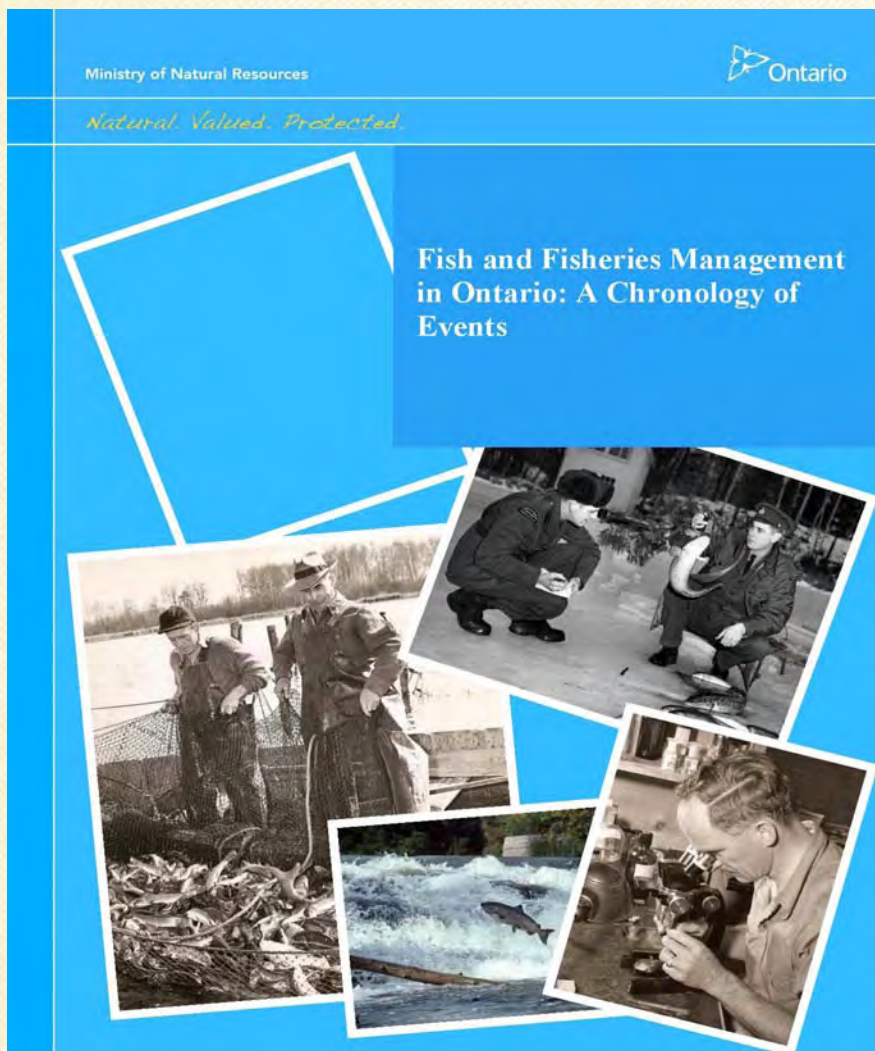
Date

Prior to September 2012

Website

<http://www.afs-oc.org>

Newsletter Editor: Bill Gardner, E-mail: newsletter@afs-oc.org



Fish and Fisheries Management in Ontario

Are you interested in learning about the history of Fisheries Management in Ontario? The OMNR (and author Steve Kerr) have put together a wonderful document called *Fish and Fisheries Management in Ontario: A Chronology of Events*. It is loaded with many interesting photos (see the front cover to the left) and lots of interesting information. This document will be an interesting read for anyone who wants to get a better understanding of where we have been as a profession.

To download the document visit:

http://www.mnr.gov.on.ca/stdprodconsume/groups/lr/@mnr/@letsfish/documents/report/stdprod_068673.pdf

Guide to Eating Ontario Sport Fish

We have all seen the iconic Guide to Eating Ontario Sport Fish at the Beer Store or LCBO.

Now the MOE has produced an on-line interactive version of this important dataset. Easy to use and navigate it provides up-to-date information from the desktop.

For details see:

<http://www.ene.gov.on.ca/environment/en/mapping/sportfish/index.htm>

Interested in Larval fish?

Here are two great websites to get you on your way. Larvalbase is a website loaded with information about larval fish, including habitat and biology. The second website is an interactive version of Dr. Nancy Auer's Great Lakes larval fish key.

<http://www.larvalbase.org>

<http://tecalive.mtu.edu/larvalfishid/index.htm>

Upcoming Ontario Chapter Training

To Be Announced

Date

TBA

Website

<http://www.afs-oc.org>

Student Subunit News

The Ontario Chapter Student Subunit hosted a BBQ during the first evening of the 2012 AFS-OC Annual General Meeting (AGM) at Viamede Resort. While we served meat and meatless BBQ fair to an estimated 50 plus members, the event itself served its purpose as a place to greet old friends and meet new colleagues. With the organizing expertise of the Executive Committee, we were able to secure MNR's Mike Rawson as the plenary speaker. Mike delivered important messages about fisheries management which were well received by young and experienced professionals at the conference. Thanks to all of the organizations who supported the Student Subunit this year.

The Student Subunit continues to plan and coordinate additional activities and opportunities for learning in 2012, including a Class-2 back-pack electrofishing course and certification (date/location TBA). Please email Lee Gutowsky (student-president@afs-oc.org) if you would like to volunteer or make suggestions for future endeavors.

Finally, there will be a vacancy on the Student Subunit Executive Committee next year. Andrew Ecclestone (the current VP) will be leaving us as he has successfully defended his thesis. If you are interested in joining the team for a 1-year term (from September 1, 2012 to August 31, 2013) please contact Lee Gutowsky at student-president@afs-oc.org.



Photo above: Volunteer explaining fish biology to an Outdoor Education class near Trenton, ON.
Photo courtesy of Cameron Sinclair.

Ontario Internship Program

The Ontario Internship Program (OIP) offers two-year paid positions in a wide range of ministries and agencies across the Ontario Public Service (OPS). This entry-level program is open to people who have graduated with a recognized degree, post-diploma (graduate) certificate or a diploma within the past two years. Information on the 2013 OIP recruitment cycle, including eligibility and the dates for new applications will be available on our website by the end of November 2012. For more information visit the website at:

<https://www.internship.gov.on>

Want to help the next generation of fish biologists and build your resume as well?

Try teaching a class of elementary students about fish biology and habitat. Check out the following websites for some ideas on what can be done.

<http://sv.berkeley.edu/showcase/flash/fish.html>

<http://www.invadingspecies.com/indexen.cfm>

Look under programs and click on Making Waves.

Looking for a good field course?

The Ontario Universities Program in Field Biology (OUPFB) is an association of Ontario Universities which allow students from participating Universities to take field courses on a range of subjects from other Universities. For example a student from Trent could take a field course from Windsor and still receive credit without having to transfer credits.

For more information check out

<http://www.oupfb.ca>.

Ontario Student Subunit Events

TBA

Date

TBA

Website

<http://www.afs-oc.org>

Literature searches just became easier: OMNR has a wonderful website where their publications can be searched for and downloaded.

Check out the following website:

<http://www.mnr.gov.on.ca/en/Publication/index.html>

FIGURE 1.1. *Fish versus fishes.* By convention, "fish" refers to one or more individuals of a single species. "Fishes" is used when discussing more than one species, regardless of the number of individuals involved.

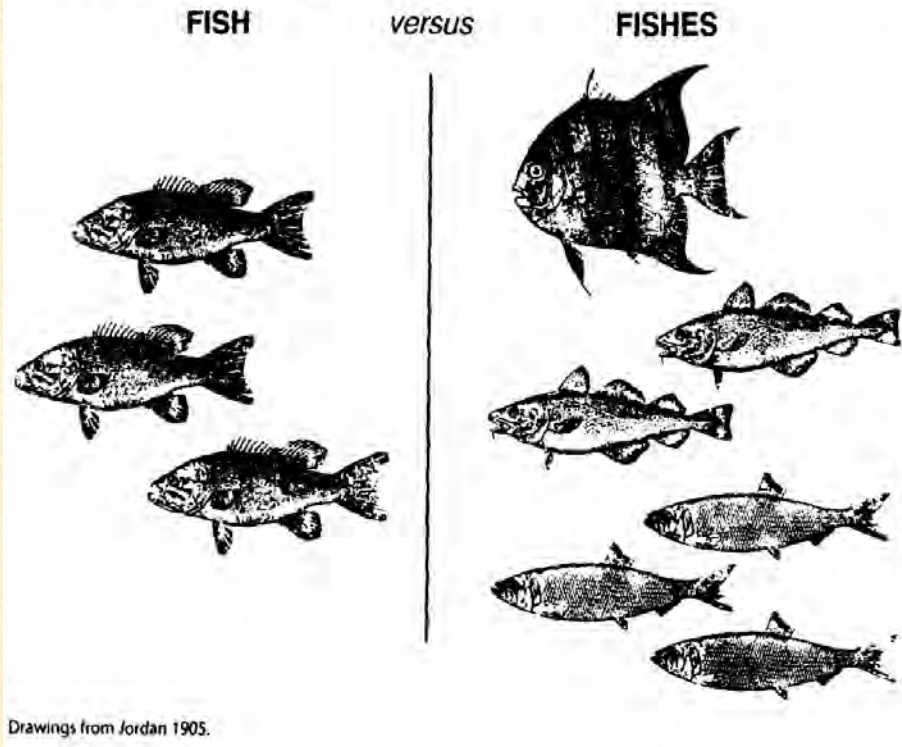


Photo below: Kakabeka Falls near Thunder Bay, ON.
Photo courtesy of Katie Easterling.



Ontario Tourism Contest

The Grand Prize includes a one week trip for 4 along the shores of Lake Superior. Your personal celebrity hosts, Darren and Michelle McChristie of Superior Outdoors Magazine, are your guides through the scenic waters, rugged landscape and storied history that make this a true northern experience of a lifetime. The contest is open to both Canadian and US residents. Go to the following site to enter:

<http://www.ontariotravel.net/TCISSegmentWeb/gn/contests/adv12b.xhtml?language=en&modus=ADV12BFP001>

Total prize valued at \$27,000 CAD / \$27,000 USD

2012 AFS-OC AGM Summary (continued from page 1)

soon to be vacant positions, President-Elect and Secretary (terms begin in September). If you are interested in running for either of these positions, please contact Dean Fitzgerald at president@afs-oc.org. We'd like to thank the very generous support of our meeting Sponsors (see page 2). Photos of the event are on page 10 of this newsletter and will be available on the chapter website soon.

Upcoming Conferences

Date

Website

54th Conference on Great Lakes Research
36th Larval Fish Conference
10th Int. Congress on the Biology of Fish
142nd Annual Meeting of the AFS

May 13-17, 2012
July 2-6, 2012
July 15-19, 2012
August 19-23, 2012

<http://www.iaglr.org/conference>
<http://www.larvalfishcon.org>
<http://www.fishbiologycongress.org/>
<http://afs2012.org/>

2012 ROM Fish ID Workshops

Three regular and one species at risk workshops have been scheduled:

1. 17-19 April 2012 (regular 3-day workshop)
2. 24-26 April 2012 (regular 3-day workshop)
3. 30 April - 2 May 2012 (regular 3-day workshop)
4. 3-4 May 2012 (2-day fish species at risk workshop)

Place: University of Toronto, Ramsay Wright Building, Room 205, 25 Harbord Street.

Time: All workshops will begin promptly at 9AM and end at 5PM.

Registration/Cancellation

To inquire about availability or reserve a spot contact Cathy Dutton by phone or email.

Cathy Dutton

Department of Natural History, Royal Ontario Museum

100 Queen's Park, Toronto, Ontario, M5S 2C6

Telephone: 416-586-5894/ FAX: 416-586-5553

Email: cathya@rom.on.ca

Additional Information

For information about course content or matters other than registration, contact:

Erling Holm or Mary Burridge

Department of Natural History (Ichthyology)

Royal Ontario Museum

100 Queen's Park

Toronto, Ontario

CANADA M5S 2C6

Telephone: 416-586-5760 (Erling), 416-586-5531 (Mary)

FAX: 416-586-5553

Email: workshop-ichthyol@rom.on.ca

For further information see **Workshops / Courses** on the **Events & Conferences** page of the AFS-OC website: <http://www.afs-oc.org>

AFS-OC Online Store

Looking for gifts for the boss, the intern, that special someone? Look no further than the Ontario Chapter On-line store. Check it out at:

<http://afs-oc.org/cgi-bin/online/storepro.php>



Would you like some committee experience? Want to get involved?

The Ontario Chapter has 2 positions that need to be filled by September 1st, 2012.

The President –Elect position and the Secretary position. Job descriptions are available in the Chapter Bylaws (Section V: Duties of Officers) viewable at

<http://www.afs-oc.org>.



Please have items for the next issue of
The Lateral Line submitted by September 21, 2012

2012 Ontario Chapter AGM in Photos *(Courtesy of Warren Dunlop)*



Photo above: Vice-President Nick Lapointe introduces the next speaker at the 2012 AGM.



Photo above: The ice-fishing begins.



Photo above: The lineup for dinner.



Photo above: Discussions during the Poster session (with Mike Pinder, Scott Gibson and Andrew Ecclestone)



Photo above: President Dean Fitzgerald discusses issues at the Business Meeting.



Photo above: Viamede Resort location of the 2012 AFS-OC AGM.