



**Newsletter  
Of the  
Canadian Association of  
Aquarium Clubs**

1/1/2018

Editor: Ann Stevens



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## Board of Directors

### Executive

<b>President</b>	Ron Bishop	<b>Recording Secretary</b>	Ann Stevens
<a href="mailto:ron.bishop2@sympatico.ca">ron.bishop2@sympatico.ca</a>	Club: London	<a href="mailto:Ann.stevens@gmail.com">Ann.stevens@gmail.com</a>	Club: Hamilton
<b>1<sup>st</sup> Vice President</b>	Ken Boorman	<b>Treasurer</b>	Ed Bosker
<a href="mailto:rhad@kent.net">rhad@kent.net</a>	Club: Chatham-Kent	<a href="mailto:ebosker1@gmail.com">ebosker1@gmail.com</a>	Club: Hamilton
<b>2<sup>nd</sup> Vice President</b>	Ann-Marie Towell	<b>Corresponding Secretary</b>	Lisa Boorman
<a href="mailto:amtowell@shaw.ca">amtowell@shaw.ca</a>	Club: TCGG/BBC	<a href="mailto:lisachromis@yahoo.com">lisachromis@yahoo.com</a>	Club: Chatham-Kent
<b>Past President</b>	Claudia Carthew		
<a href="mailto:carthew@yahoo.com">carthew@yahoo.com</a>	Club: St. Catharines		

### Committees

<b>Aquatic Horticulturalist Directory</b>	Ann Marie Towell	<b>Judges</b>	Ken Boorman
<a href="mailto:amtowell@shaw.ca">amtowell@shaw.ca</a>	Club: TCGG/BBC	<a href="mailto:rhad@kent.net">rhad@kent.net</a>	Club: Chatham-Kent
<b>Archivist</b>		<b>Membership</b>	Ed Bosker
		<a href="mailto:ebosker1@gmail.com">ebosker1@gmail.com</a>	Club: Hamilton
<b>Awards</b>	Peter Melady	<b>Newsletter</b>	Ann Stevens
<a href="mailto:hpmelady@hotmail.com">hpmelady@hotmail.com</a>	Club: Sarnia	<a href="mailto:Ann.stevens@gmail.com">Ann.stevens@gmail.com</a>	Club: Hamilton
<b>Fish Breeders Directory</b>	Lisa Boorman	<b>Open Show</b>	Barb Draper
<a href="mailto:lisachromis@yahoo.com">lisachromis@yahoo.com</a>	Club: Chatham-Kent	<a href="mailto:barb.ireland@rogers.com">barb.ireland@rogers.com</a>	Hamilton
<b>Binder</b>	Ann Stevens	<b>Programs</b>	Ken Boorman
<a href="mailto:Ann.stevens@gmail.com">Ann.stevens@gmail.com</a>	Club: Hamilton	<a href="mailto:rhad@kent.net">rhad@kent.net</a>	Club: Chatham-Kent
<b>FAAS</b>	Ken Boorman	<b>Steering</b>	Peter DeSousa
<a href="mailto:rhad@kent.net">rhad@kent.net</a>	Club: Chatham-Kent	<a href="mailto:pdesouza1@msn.com">pdesouza1@msn.com</a>	Hamilton
<b>Fish Rescue</b>	Jerry Draper/Ann Marie Towell	<b>Ways &amp; Means</b>	Annette Bishop
<a href="mailto:drapibar@gmail.com">drapibar@gmail.com</a>	<a href="mailto:amtowell@shaw.ca">amtowell@shaw.ca</a>	<a href="mailto:ally_ann@hotmail.com">ally_ann@hotmail.com</a>	Club: London
<b>Futures</b>	Jeff Mountjoy	<b>Webmaster</b>	Ann Stevens
<a href="mailto:jmtjoy@rogers.com">jmtjoy@rogers.com</a>	Club: Barrie	<a href="mailto:Ann.stevens@gmail.com">Ann.stevens@gmail.com</a>	Club: Hamilton

## President's Message



Happy New Year to one and all

Welcome 2018, Happy New Year to all fellow hobbyists out there in our hobby, from the east coast to the west. I hope we all have a prosperous year ahead and lots of enjoyment with our hobby.

If anybody has any questions or suggestions about CAOAC to what we can do to make it better for the clubs or what the clubs can do to make it better for CAOAC please get in touch with me.

Now to the job at hand, we have a couple of vacancies in the committees we need to run the association. If there is anybody that would be interested in filling these jobs please get in touch with me or anybody else on the executive.

The CAOAC convention is well on its way with the plans being finalized and all the final details to make this a great convention for one and all, as well as the program for the weekend. The links are up for booking the rooms at the Holiday Inn. Tickets are available thru CAOAC paying thru Pay Pal and you can go to the web page to get all the info you will need. Great job to the CAOAC Executive.

The Awards Committee is looking forward to all the applicants for the awards to being submitted on time. Look in the Awards section to see about the awards

At our last meeting there was a long discussion on adding Special Awards for the Specialty Groups. The Killies, Guppies and the Shrimp like the Betta award has been for a long time. A lot of great ideas came from that meeting. The proposal will be done and finalized for the January meeting.

So for now I wish you all a wonderful New Year and all the best in 2018.

Take care and keep your feet dry

Ron Bishop

President

## Executive Meeting – December 10, 2017

Called to order at 11:20 by Ron Bishop (President) at Optimist Hall, Waterdown.

### Executive Attendance

Position	Name	Absent/Present
President	Ron Bishop (LAS)	Present
1 <sup>st</sup> VP	Ken Boorman (CKAS)	Absent
2 <sup>nd</sup> VP	Ann-Marie Towell (TCGG)	Present (Skype)
Corresponding Secretary	Lisa Boorman (CKAS)	Absent
Recording Secretary	Ann Stevens (HDAS)	Present
Treasurer	Ed Bosker (HDAS)	Present
Past President	Claudia Carthew (SCAAS)	Absent
Also In Attendance:	Annette Bishop (LAS)	

**Minutes** –Ed made a motion to accept the minutes from the last meeting. Ann-Marie seconded. Carried

### Old Business

- *2018 Convention – hotel contacted Ken in regards to switching the venue rooms, due to a request for a large banquet on the Saturday night. Ken outlined the moves and it sounds like it will work. He will see if he can get some perks for accommodating their request. Ken & Lisa not present, so no update.*
- *Ann contacted a supplier and requested a sample*
- *Ken McKeighan will send a picture for the early bird room booking. To add to web once picture is received and will post picture on the web with the announcement. Ken & Lisa not present, so no update.*
- *Archive boxes– Ann still going through*

### Treasurer's Report

<b>November</b>			8,608.26
Chq#227-Waterdown Optimist - rent	800		
Chq#228-Tropical Fish Room-Jr Tanks	112.99		
Chq#229-Around KW-Web hosting	62.15		
Deposit-LAS renewal		280	
Deposit-convention raffle tickets		200	
Deposit- Saskatoon		290	
Deposit-KWAS-renewal &2018 show		280	
Deposit-BRASS-renewal		260	
Deposit-CKAS-renewal		260	
PayPal-OVAS		290	
less PayPal fee	8.71		
Ending Bank Balance Sept. 29, 2017			9,484.41

**January 2018**

Reserved Funds - Terry Little			(475.81)
<b>Chq#228-Tropical Fish Room-Jr Tanks</b>	112.99		
New balance			(362.82)
Working Balance			9,121.59

Post Dated - MAST	260
St. Catharines	260
BBC – PayPal	60

Motion to accept the report by Ann Marie, seconded by Ann. Carried

### Correspondence

Email from Lorraine advising the Forest City Pond club has folded.

Email from Greater Victoria for renewal, they didn't receive the original email.

Nancy Egleton sent the bio for Bryan Chin.

### New Business

Motion to adjourn at 11:52

Pot Luck

- Peter De Souza – tarts
- Karen Rogers – spring rolls
- Phil & Cindy – shepherd's pie
- Ron & Annette – pineapple baked beans
- Jerry & Bar – spinach dip
- Haydn & Anne & Nancy – veggie tray
- Catherine – cranberry brie pastry
- Ed & Ann – meatballs

## **General Meeting**

Called to order at 12:47 by President Ron and welcomed everyone.

Position	Name	Absent/Present
President	Ron Bishop (LAS)	Present
1 <sup>st</sup> VP	Ken Boorman (CKAS)	Absent
2 <sup>nd</sup> VP	Ann-Marie Towell (TCGG)	Present (Skype)
Corresponding Secretary	Lisa Boorman (CKAS)	Absent
Recording Secretary	Ann Stevens (HDAS)	Present
Treasurer	Ed Bosker (HDAS)	Present
Past President	Claudia Carthew (TFCEC)	Absent
Club	Name	
Betta	Catherine Salmon	

**January 2018**

Chatham		
Hamilton	Peter DeSouza	Karen Rogers
London AS	Annette Bishop	
Peel	Haydn Pounder	
St. Catharines	Phil Barrett	
Trans Canada Guppy	Nancy Egelton	Ann Marie Towell
Guests:	Cindy Golden	Anne Daniels
	Jerry Draper	Barb Draper

**Minutes** - Motion to accept the minutes by Nancy, seconded by Peter. Carried.

Peter asked a question about accumulation of points in shows. Barb explained that they have to address how speciality shows are handled. Proposal will be part of Open Show report. A lengthy discussion ensued.

**Treasurers report** – see Executive report for details

Membership for London received

Motion to accept by Annette, seconded by Phil. Carried

**Business Arising from Executive** – see Executive minutes.

## Committee Chairs

Title	Name	
AHD	Ann Marie Towell	Present (Skype)
Archivist	Open	
Awards	Peter Melady	Absent
Binder	Ann Stevens	Present
FAAS	Ken Boorman	Absent
Fish Breeders Directory	Lisa Boorman	Absent
Fish Rescue	Jerry Draper/Ann Marie Towell	Present/Skype
Futures	Jeff Mountjoy	Absent
Judges	Ken Boorman	Absent
Membership	Ed Bosker	Present
Newsletter	Ann Stevens	Present
Open Show	Barb Draper	Present
Programs	Ken Boorman	Absent
Steering	Peter DeSouza (?)	Present
Ways & Means	Annette Bishop	Present
Webmaster	Ann Stevens	Present

**AHD**- nothing to report

**Archivist** – Items are still being reviewed

**Awards** – Newsletter Award submissions are due the January 2018 CAOAC meeting. Ray “Kingfish” Lucas ([Kingfish51@verizon.net](mailto:Kingfish51@verizon.net)) is once again judging them. Make sure that they are sent to him. A good idea is to mention ‘CAOAC Newsletter Award submission’ in the subject line as some have been missed in the past.

All other Achievement and Recognition Award submissions are due the February 2018 CAOAC meeting.

**January 2018**

Everything that you need (rules, requirements and forms) is on the CAOAC website under the Awards portal. I look forward to all your submissions.

**Binder** – nothing new

**FAAS** –

**Fish Breeders Directory** –

**Fish Rescue** – Jerry said he'd received an email from Ann Marie for a 10 gallon tank. Problem is most fish are ones that have outgrown the tank.

**Futures** – Peter asked what the Futures committee is for. It was explained that it is to look at what we can do to keep interest in the organization and hobby. Peter DeSouza is interested on being on the committee

**Judges** – Peter raised the question as to why specialty judges are not considered a CAOAC judge. What process is in place to handle these situations? Nancy made a proposal to have a process that would have the Show Chair approve an approved specialty judge in lieu of a CAOAC judge at a CAOAC sanctioned show. This judge would be identified by showing their credentials to the Show Chair. Peter also says he has asked to be a CAOAC judge but has not received word. To be referred to the Judging committee, not at this meeting.

**Memberships** – Membership renewals have been coming in slowly. To date we have received the following:

CKAS	OVAS	Saskatoon	SCAAT
KWAS	BRASS	MAST	PRAC
TCGG	LAS	Calgary is in the mail	BBC

Still waiting on news from: Hamilton, Edmonton, Winnipeg, SAM, Windsor, Sarnia, Durham. Greater Victoria is coming.

**Newsletter** – nothing new to add

**Open Show** – No shows to report. Main topic for discussion is the speciality clubs showing.

Barb presented a draft proposal. Barb to send and include comments for club participation.

**Ways & Means** –

We had a very successful meeting!  
We sold 8 draw tickets toward draw number 5.  
I think next month I may bring in hot chocolate and apple cider packs!  
The food was delicious!  
I look forward to more great meetings in 2018!

Month	Balance	Spent	Rec'd	50/50	Raffle
Sept.	26.65	-8.90	2.50	6.00	12.00
Oct.	38.25	-20.00	8.45	10.00	25.00
Nov.	61.70	-8.30	8.25		
Dec.	61.65	-6.75	0	22.00	70.00
Jan.	146.90				

**January 2018**



Ed won the 50/50 for \$22.00

Rosie Barb donated Jerry – won by Catherine,

Neon orange crayfish donated by Jerry– won by Ron

Neon tetra pair donated by Jerry – won by Ed

Electric blue rams donated by Jerry- won by Peter

Pair peacock gudgeons donated by Jerry – won by Ed

Dumbo eared guppies donated by Jerry – won by Nancy

Micro fibre Towel donated Nancy – won by Jerry

Endlers donated by Peter – won by Karen

Yellow angel plaque fish donated by Ron – won by Jerry

Earrings donated by Catherine – won by Ron

Green fish plaque - won by Jerry

Multi coloured fish plaque – won by Jerry

Fan fish plaque - won by Ed

Fish plaque – won by Phil

(Sorry if I missed anything)

**Website** – added meeting address to where meetings are located, updated Contact us page, added Fishbreeders Directly Rules, updated Clubs

## **Club Reports**

**Betta Breeders** – Merry Christmas and hopefully all spawns are successful

**Kitchener-Waterloo** - Our December meeting was attended by 36 members and 1 guest.

This social meeting featured a pot luck dinner and many prizes given to members in attendance. Thank you to the following for their contributions to the prizes; AngelFins, Finatics, The Tropical Fishroom, Amazonas Magazine, Aqueon, NorthFin, Cats Fish Caves, Big Al's Aquarium Services, Stuart Morley, Karen Murray, Zenin Skomorowski and Shawn O'Halloran.

There was also a discussion of Kwas participation in The KW Pet Expo that will be held May 5 & 6 next year at the Kitchener Memorial Auditorium Complex. There is a cost to the club but it was deemed to be an excellent opportunity to promote Kwas.

Annual awards were presented for Mini Show, Breeder of the Year, Author of the Year, Hobbyist of the Year, the President's award and the Bob & Dorothy Daniells Service Award.

Have a safe and happy holiday season.

**January 2018**

London – The London Aquaria Society is planning their Christmas potluck meeting for Tuesday, December 12. The club will be supplying pizza and pop. There will be prizes for members only. There will not be a speaker or a jar show. (both will return in January) We will have our usual mini auction. Looking forward to celebrating the season with our friends.

Peel – Changing our auction date will be Oct 28 and St. Catherines will be first Sunday in December. June 9 Rachecl O'Leaery will be guest speaker.

St. Catharines – During our December meeting we had our Christmas potluck, raffle, jar show, mini auction and door prizes for all members. Our January meeting will feature a presentation from our member Andrew Fruick on importing tropical fish a mini auction , jar show and raffle. Everyone is welcome.

Trans Canada Guppy – Trans Canada Guppy Group has been very busy the past month.

I personally attended the China International Pet Show in Shanghai . I was one of the Judges for the guppy show. It was unbelievable! The show venue was the Shanghai Convention Centre. It is the largest building I have ever seen. Vendors from all over the world were there to show off their wares. There were many different fish shows from goldfish to stingrays. First prize for the Red Arowana show was a 2018 Red BMW!

They also had a huge dog show that was really wild!

Our Friend Alan Bias took home first place in the guppy show.

The TCGG club meeting was a great event. We had about 25 members attend. We have decided to purchase approx.150 show tanks for the convention. This is so that our members can just bring their bagged fish or mail them in. Our tanks will be a high quality plastic for ease of storage.

In all international guppy shows, the tanks are uniform so that it is a real competition centering on the fish itself.

We have also decided that for the convention we will be having approx. ten classes. We will be following the IKGH coding system for classes. Best Guppy in our show will be award a lovely trophy. We wish to announce that Haydn Pounder has been named IKGH judge along with myself.

We will also have a mini auction separate just for the guppies themselves. We will also have full participation for the main auction.

The club also has Bryan Chin coming as our convention speaker. Bryan has written two books which will be available for a reduced price at the show. He will also do a book signing. A percentage of the proceeds from book sales will go directly to our club. We also have a CAN/AM buy and sell page for high quality guppies and club merchandise.

TCGG club Membership dues to be paid by Jan 30 \$10.

Best Wishes for a Happy Christmas and New Year from TCGG.

Windsor - We had 20 members attend our December meeting at Cramdons. We had our annual December raffle which always has great items that are donated by local stores or our own members. We also gave out our BAP, HAP and bowl show awards from last year.

The Windsor aquarium society would like to wish everyone a merry Christmas and happy holidays.

Thank you Annette, Zenin, Peter, Nancy and Phil for sending their reports prior to the meeting. Thank you to those who sent their reports after also. It is appreciated.

**January 2018**

## Old Business

Any clubs interested in hosting the 2019 convention. Deadline is March meeting.

## Convention 2018

Ken to send bio's for internet.

Hotel info is available and Ken McKeighen will send a picture for early bird hotel registration.

4 complete draws so far for the convention.

## New Business

Brantford is having their first pot luck meeting on December 19 at Landsdowne Costain School. Aqueon are donating some items for the meeting

Adjourned at 3:06 by Ed.

## **Upcoming Events**

January 2018		March 2018	
21	CAOAC General Meeting– 12:00	18	CAOAC General Meeting– 12:00
		24	HDAS Auction
February 2018		April 2018	
11	CAOAC General Meeting– 12:00	8	Barrie Region Aquarium Society Auction
		15	Durham Region Aquarium Society Aquariana
		21	Sarnia Aquarium Society Auction,
		22	CAOAC General Meeting– 12:00
		29	Société d'Aquariophilie de Montréal - Super Auction

*Check the website calendar for links for more details.*



## **Tiny red animals dart in the dark under the ice of a frozen Quebec lake**

*Date:* December 19, 2017

*Source:* Ecological Society of America

*Summary:* In a frozen lake in Quebec, tiny red creatures zip about under the ice. Biologists report the discovery of active, unusually red, life in a winter lake. Bright pigment may preserve zooplankton's fatty acids from oxidative damage.

In a frozen lake in Quebec, tiny red creatures zip about under the ice. Guillaume Grosbois and Milla Rautio, researchers at Université du Québec à Chicoutimi, Saguenay, Québec, Canada report the discovery of active life in a winter lake today in the Ecological Society of America's journal Ecology.

## **January 2018**

Grosbois and Rautio did not expect to find bright red zooplankton buzzing in the dark water under the frozen surface when they visited snowy Lake Simoncouche in winter.

"Most ecological work is done in the summer, because it's easier to go into the field at that time of year, but also because everybody thought that nothing is happening in winter," said Grosbois. "Aquatic ecologists thought that everything is either dying or entering dormancy, and that life is on hold during the entire season."

Although winter research is gaining interest, ecological field work slows down when the weather turns snowy. The researchers expected to find the lake's zooplankton, the nearly microscopic animals that feed fish and other larger lake inhabitants, resting nearly immobile on the lake bottom, waiting out the cold hungry months until sunlight and food return.

But when they looked at water samples under the microscope, they saw the copepod species *Leptodiatomus minutus* and *Cyclops scutifer* swimming vigorously about. The tiny crustaceans, which resemble very small shrimp, accounted for 63 and 22 percent of the winter biomass in the lake.

"We saw that they were very active! They were not dormant at all. I was very surprised, because in winter there is no light, there is no algae to eat," Grosbois said.

Returning to sample the lake every few weeks throughout the year, Grosbois and Rautio were further surprised to find that zooplankton biomass actually peaked in December. But the most startling discovery was the copepods' vivid color.

Rautio and Grosbois wanted to know how the small animals managed to remain active as their primary food sources died, but also why they were so brightly colored. In summer, zooplankton are nearly transparent. Bright red coloration would be a beacon, like Rudolph's red nose, calling to predatory fish. In the dark, the bright red coloration does not attract dangerous attention. The red color, however, is expensive for the small animals to make. It costs them energy they need to survive. So the researchers believed it must be serving a purpose.

Color often provides protection against damage from UV radiation, like natural sunblock. But very little sunlight filters through the thick cover of ice. High energy ultraviolet light reflects off the ice surface. Instead, Grosbois and Rautio think the red pigment may be acting as a preservative for the extra body fat the zooplankton piled on for the winter.

"The link was the lipids, the fats." Grosbois said.

As the surface ices over, the waters below grow dark. Phytoplankton, algae that, like plants, make energy from sunlight begin to die. The copepods get most of their calories from algae. They can stay active for the entire winter, Rautio and Grosbois concluded, because they accumulate fats as temperatures drop during the autumn, eating everything they can find and feasting on dying algae as the ice closes. But stored fats, especially valuable fatty acids, are vulnerable to damage through peroxidation caused by free radicals.

Free radicals are a consequence of respiration. All animals that breathe oxygen must cope with their generation and the damage they can inflict. Like carotenes and other vivid pigments in fruits and vegetables, the red pigment in the copepods is an antioxidant. It protects the copepods' cells by tying up free radicals and keeping them away from important cellular equipment. Grosbois and Rautio believe that, in the gloom under the ice, the copepods can safely take advantage of protection from oxidative stress that bright pigments offer. The little copepods, like people, need omega-3 and omega-6 fatty acids to be healthy.

"We can only get essential fatty acids from food. One of the best sources is fish, because fish accumulate them from the copepods, that accumulate them from the algae, that are the main producers," Grosbois said. Fatty acid biochemistry, and its effects on the food web, is a topic that interests him for future research.

"We are a lot of humans on the planet. We all need to be in health, so we need a lot of fatty acids. As the climate changes we are seeing that the time of ice cover is becoming shorter and shorter. That's a really important period for the aquatic organism to accumulate fatty acids."

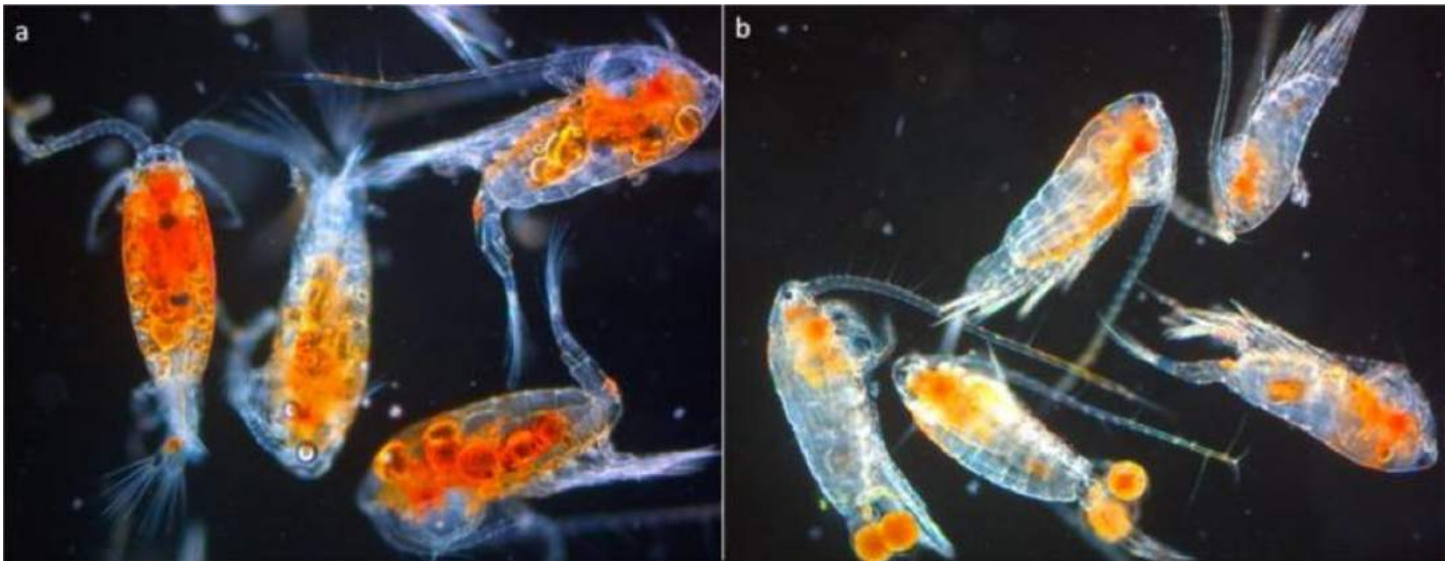
Grosbois wonders if a shorter freezing period will give the copepods enough time to accumulate the fatty acids they need to reproduce successfully in spring. When copepods run low on fatty acids, there are, in turn, be less for the fish, and so on up the food web.

"Winter is important, especially in the boreal zone. We here are in a very northern city in Canada, where the winter can be very long," Grosbois said. "We need to study this time more. Everything that happens in the winter will have an impact on spring, summer, and fall. So if we want to understand what is happening in the ecosystem, we need to know more about the winter."

*Story Source:*

*Materials provided by Ecological Society of America. Note: Content may be edited for style and length.*

Ecological Society of America. "Tiny red animals dart in the dark under the ice of a frozen Quebec lake." ScienceDaily. ScienceDaily, 19 December 2017. [Ecological Society of America. "Tiny red animals dart in the dark under the ice of a frozen Quebec lake." ScienceDaily. ScienceDaily, 19 December 2017. <www.sciencedaily.com/releases/2017/12/171219144402.htm>..](http://www.sciencedaily.com/releases/2017/12/171219144402.htm)



Copepods (*Leptodiaptomus minutus*) from Lake Simoncouche, (a) under the ice in winter (27 January 2017) and (b) in summer (18 September 2017). Photos were obtained from an inverted microscope with phase-contrast.

Credit: From figure 2 of the paper. Guillaume Grosbois

## Early Bird Hotel Convention Draw

Book your hotel room early, prior to April 20<sup>th</sup> and your name will be entered in a draw for a 16X20 canvas drawing by Ken McKeighen titled the Orphans of Aphyosemion with 6 species of killies. Value is \$600. This is a photo of the original artwork.

When booking your room, ensure you use the code CAC to ensure your name is entered. The painting will be presented at the convention.



## Convention 2018 Hotel Information

(please note, the deadline for booking should read April 22, 2018, not 2017)



**Holiday Inn**  
BURLINGTON HOTEL & CONFERENCE CENTRE

### Reservation Information



#### CAOAC Convention

Thursday May 17th to Monday May 21st 2018

Group Block ID Code:  
CAC

PLEASE BOOK PRIOR TO RELEASE DATE OF:  
Friday April 20th 2017

Group Rates Start at \$111.00 for a Standard Queen Room

#### TO MAKE YOUR RESERVATION BY PHONE:

Call the Hotel's toll free at 1-888-987-4888 or 905-639-4443 (ask for reservations)

*\*It is essential that you quote your Conference name at the time of making your reservation.*

#### TO MAKE YOUR RESERVATION ONLINE

Follow below URL, to securely book your reservation, or visit [www.hiburlington.ca](http://www.hiburlington.ca)  
Enter Reservation Dates, View Rates, Refine Search, enter Group Code CAC for group rate.

YOUR WEBLINK:

[CAOAC Convention](#)

#### HOTEL FEATURES:

- 100% Non Smoking
- Free WiFi throughout hotel
- Ample Free Parking for Cars & Buses
- Alloro Restaurant & Bar (on-site) for your dining needs
- Climate controlled Atrium features: Largest Heated Indoor Hotel Pool in the city, Sauna, Whirlpool, Games Area & Fitness Centre
- Outdoor Tennis & Basketball Court (Seasonal)
- Gift Shop, Business Centre, ATM, Guest Laundry
- 6 Popular Brand Restaurants across the street
- Located off of QEW and Exit 102 Guelph Line

#### ALL STANDARD ROOMS INCLUDE:

- Keurig Single Cup Coffee Machine
- Microwave
- Mini Fridge
- Flat Screen TV
- Windows that Open



IHG Rewards Club

3063 South Service Rd | Burlington, ON L7N 3E9 | 905.639.4443 | 1.888.987.4888 | [www.hiburlington.ca](http://www.hiburlington.ca)

## What do you want to read?

The intent of this newsletter is to share some of the details of the meeting and upcoming events. From time to time, I try to include recent news. If there is something you would like to see, or if you have an article you would like included, please send it to me, [ann.stevens11@gmail.com](mailto:ann.stevens11@gmail.com).

## Regular Monthly Meetings

Who can attend? Any member of an Aquarium Club can attend the General Meeting that follows the Executive Meeting. It usually starts around 12:00 noon.

We have raffles, 50/50 draws, and snacks to share.

Why should you attend? To be part of the discussion that takes place between other clubs and items that are raised by the Executive. It's a great way to share ideas and discuss issues you may be having.

## Skype Details

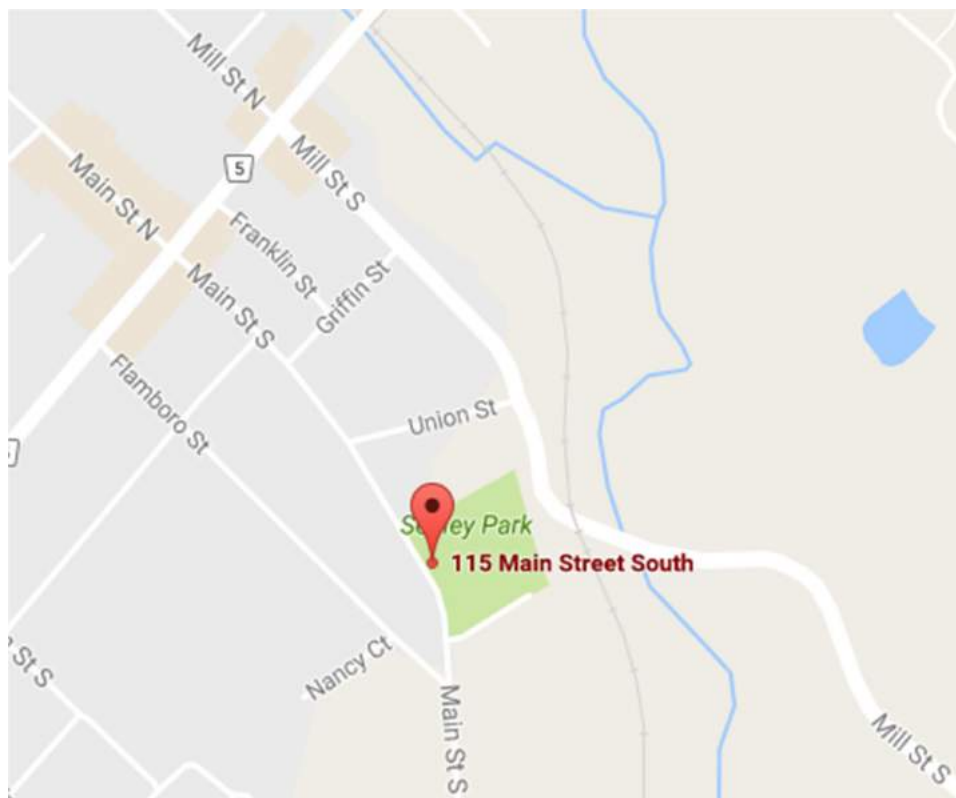
Can't attend the meeting? You can Skype in and participate that way. Here are the details:

Search for either Nov18angel or [ann.stevens11@gmail.com](mailto:ann.stevens11@gmail.com)

Request to be added to your contacts and I will accept.

## Where do we meet?

Optimist Hall, 115 Main Street South Waterdown, Ontario





## What is CAOAC?

We are often asked this question. CAOAC stands for The Canadian Association of Aquarium Clubs. We are a non-profit corporation and are composed of member aquarium, reptile & amphibian, pond & water garden, and similar clubs or societies from across Canada and the Northeast United States. CAOAC was founded in 1959 (incorporated in 1963) to allow the clubs to work together for their common good and the good of the hobby. Legislative issues, promotion of events, a judging system, national awards, assistance for new clubs, & liability Insurance are just a few of the things on which clubs can work and benefit together. Recently, a Fish Rescue Program has begun. This has been developed with outside partners who also have an interest in our hobby and environmental issues.

## What are the benefits of being a member?

- National awards program to honour those in member clubs who have achieved success in breeding, plant propagation, or other endeavours related to the hobby.
- National judging program to train and certify judges as well as set standards that all can use to judge their shows.
- Third-party liability insurance program to protect club members in case of an unfortunate accident at one of their functions.
- National forum to express views and opinions.
- National voice to deal with legislation which may impact negatively on our hobby and to put forward constructive ideas to politicians and bureaucrats.
- A chance to become involved with people who share similar interests with yourselves.
- If you are interested in joining CAOAC as a club or as a private (non-voting) member, please contact our Membership Chair, see under committees for email address.
- In person meetings are held monthly (except July & August) in Waterdown, Ontario (unless otherwise posted) at the Optimist Hall where clubs which are within driving distance send their representative (s) to discuss issues of the day as well as the future.