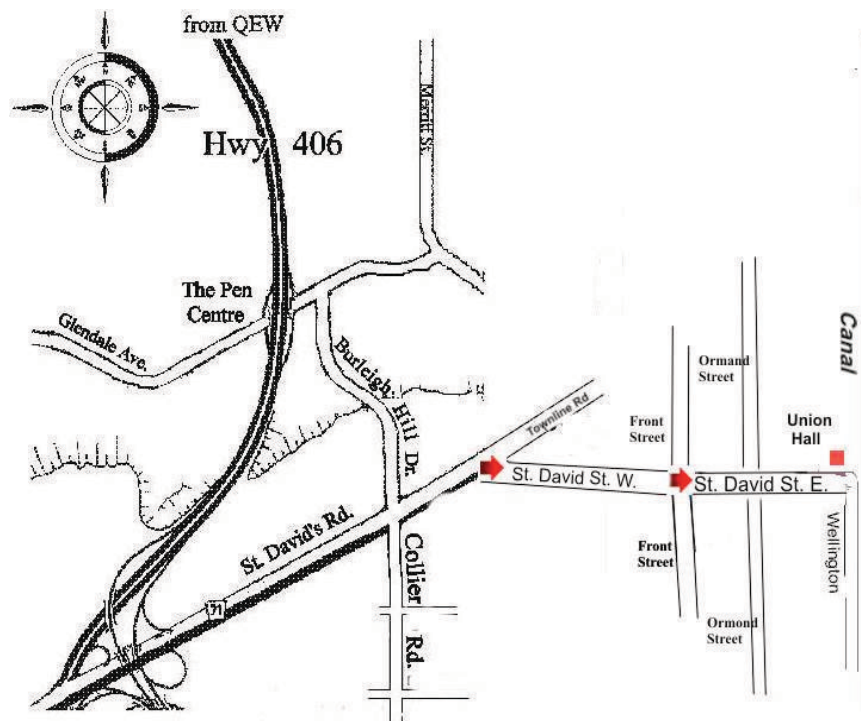


The SCAT



Volume #31 Issue 4

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▶ Meetings of The St. Catharines & Area Aquarium Society, (S.C.A.A.S.), are held on the First Monday of each month at the Seafarers' and Teamsters' Union Hall, 70 St. David St. E., Thorold, ON. If the First Monday falls on a holiday, the meetings are held on the second Monday. **Meetings begin at 7:30. There are no meetings in July and August.** ▶ **Our Mission Statement:** The society, established in 1958, is a non-profit educational organization, dedicated to the task of promoting interest in the breeding, raising, maintenance and study of tropical Fish, both at the beginner and more advanced levels. ▶ S.C.A.A.S. is a charter member of the Canadian Association of Aquarium Clubs Inc., (C.A.O.A.C.), www.caoac.ca and a member of the Federation of American Aquarium Societies, (F.A.A.S.), www.faas.info ▶ More news and information about S.C.A.A.S. can be found at our web site www.scaas.info

Executive

President: Pat Shriner
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 (905) 321-0527

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Secretary: Andrew Fruck
afruck77@gmail.com
 (905) 650-0557

Past President: Paul Paradis

Advertising in 'The SCAT'

Full Page	\$150
Half Page	\$100
Quarter Page	\$ 80
Business Card	\$50

Membership Fees

Family	\$25
Single Adult	\$20
Junior (under 16)	\$10
Student with card	\$10
Senior over 65	\$10
Senior Couple over 65	\$15

Committees

Breeder/OAA Awards: Tom Bridges
tp.bridgese@sympatico.ca
 (905) 735-3352 BAP/OAA Awards
 Asst.: Dave Furness
dmfish1@sympatico.ca (905) 935-3220

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Refreshments Wendy & Wayne
 Wallington

Library G.O.

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Webmasters
 Roman Haljkevic

Programs – Ernest Biktimirov
ebiktimirov@brocku.ca

Ways & Means
 Tom Hillier see 1st Vice Pres

SCAT Editor
 Les Brady
lbrady129@gmail.com

Jar Show F.O.M.

- September Goldfish
- October Danios, Barbs & Tetras
- November Cichlids (any type)
- December. No Specific Fish of the Month – Open to All Types
- January Plants
- February Loaches & Sharks
- March Swords, Platies, Mollies
- April Anabantids including Gouramis and Bettas
- May Guppies
- June Corys & Catfish (including plecos)
- OPEN CLASS EVERY MONTH

December Program

On Monday, December 3, 2018 We will have our annual Christmas Party. As is tradition, this month's meeting will be our annual Christmas potluck. If you are able, we would appreciate if you could bring out a potluck dish (an entree, salad or dessert, etc.) to share with other club members. Soft drinks will be provided by the club. We kindly ask that you label your dish if it contains nuts.

As always, we will have our auction, raffle and jar show at this meeting. We will also begin selling tickets on a fluvial pump, to be given away once all of the tickets are sold.

Last Month's Meeting Minutes

- 7:40 Meeting called to order
- Auction was the largest in years with over 750 items auctioned off
- Magazines were donated to the Library
- A Net Full of Nature by Bob Wright
- End time - 9:08
- Auction held from 9:15 - 9:40
- Meeting adjourned 9:40

Upcoming Events

9- CAOAC Executive Meeting 10:00 General meeting will follow **NOTE CHANGE OF VENUE; IT WILL BE AT THE Weston Lions Arena, 2125 Lawrence Avenue West, Toronto**

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Pat's Presidential Message

Welcome i can't believe that it is already time for our Christmas party. November has gone quick once our annual club auction was done. Just wanted to thank those club members who helped out with the planning, setup, auction itself and the cleanup. We couldn't do it without you!

I look forward to seeing you at the Christmas party and into 2019 with many new and interesting speakers planned.

Merry Christmas

Pat



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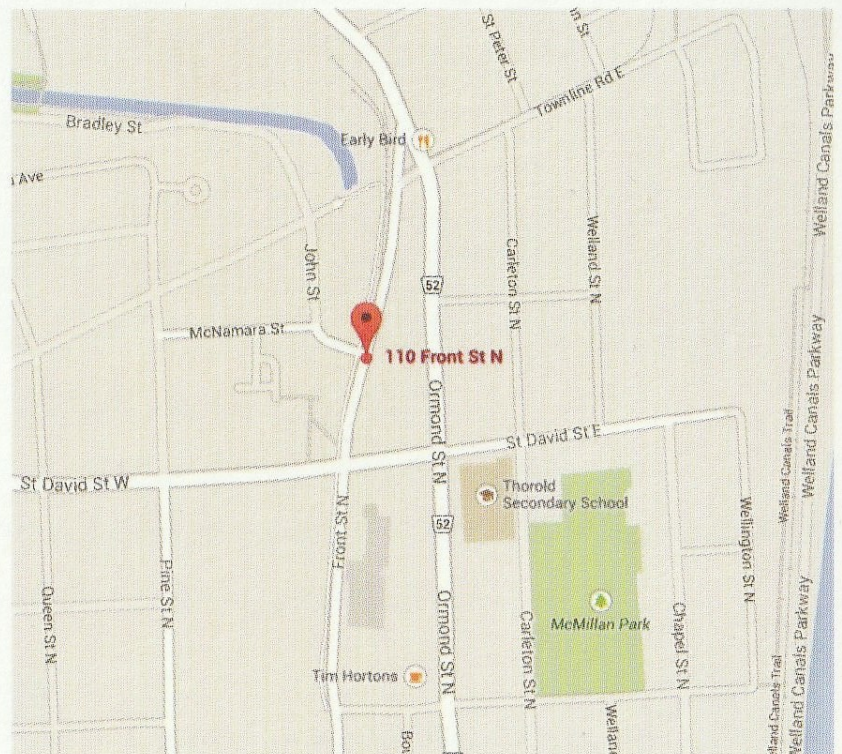


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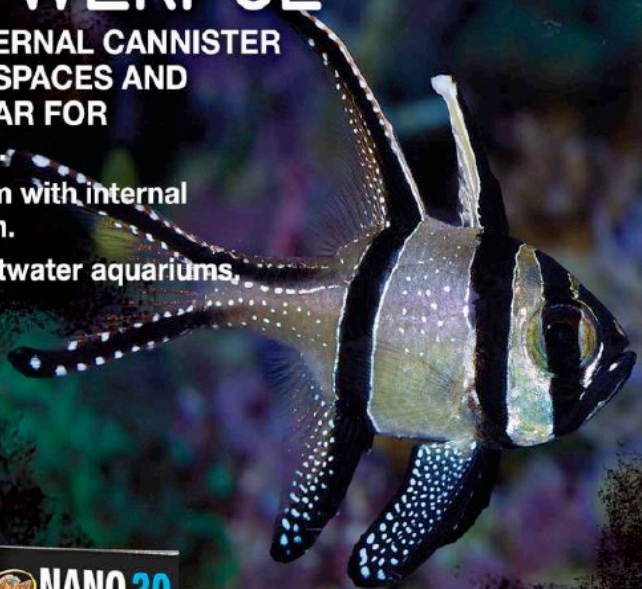
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Executive Meeting Minutes

- Roman to update facebook page to include Christmas party
- Club will provide pizza and drinks for potluck
- \$200 donated to Community Care food bank
- Hagen Pump Raffle, Once we have reached our goal of \$75 in ticket sales the draw will be held
- Tickets for draw are \$2/ea or 3/\$5
- C.A.O.A.C. Membership and insurance due \$280
- Library -> New book purchases discussed -> More information required before purchase made
- Christmas Meeting - Doors at 6, Dinner at 6:30
- Meeting adjourned @ 8:40

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Zebra Obliquedens (Astatotilapia Latifasciata)

By Andrew Fruck

The Zebra Obliquedens or OB Zebra is a mild tempered cichlid originally from Lake Victoria in Africa. Just like most cichlids from Lake Victoria, this cichlid is critically endangered in its native habitat thanks to the introduction of the Nile Perch many years ago.

This cichlid is a great addition to many African cichlid tanks that contain mild mannered cichlids such as many peacocks, Hap Ahli, moori and more. It is very easy to care for and requires no special care. The OB Zebra is an excellent cichlid for the novice or advanced hobbyist.

I keep the temperature in their tank at about 78F and feed them a varied diet consisting of shrimp pellets, cichlid pellets and frozen foods. This diet ensures that they are able to keep their weight up as they breed constantly so it is important to make sure the females are kept in optimal health.

Sexing adults is rather easy. Males have red and yellow on their bellies whereas the females are more of a standard yellow. I keep mine in trios consisting of 1 male and 2 females. You could easily keep them as 1 male and 5 females to increase the amount of babies produced.

As far as breeding goes, these cichlids are the guppies of the cichlid world. It is harder to keep them from spawning then to spawn them. Like many African cichlids they are mouth brooders. The female lays the eggs, the male fertilizes them and then the female tumbles them in her mouth until they hatch and absorb their yolk sacs. I have had as few as 12 and as many as 50 babies from my females which usually start holding eggs within a week of releasing their last batch.

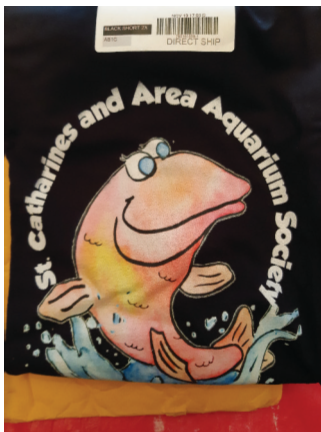
Care needs to be taken that the OB Zebra is not kept with other Lake Victoria "Haps" as they do hybridize very easily. Given their status in the wild, captive bred specimens are really the only fish that will be available.

Club Shirts For Sale

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Auction Photos



Words From the Editor Guy

I do not know about you but I am really looking forward to our annual Christmas meeting. There is always amazing goodies to eat, hopefully we all do not eat too much that we can not enjoy the auction and draws that follow. As always looking forward to the many treasures that show up, I am sure it will be like Christmas but early.

With each passing year, the holidays seem to get busier and busier, leaving less time for things I love (like my fish). Hopefully your holidays are not crazy as mine. Wish you all the best and looking forward to seeing you all in the new year. Safe travels to anyone traveling this holiday season.

Les

Fluval Pump Giveaway

We are giving away a brand new Fluval Sea! This is a pump that is about a \$200 value and we are giving you a chance to win it in a Raffle. We will sell tickets on it until they're gone, then the meeting that we sell the last ticket at is when we will give one lucky winner this amazing pump!!

Tickets are limited and a great value @ \$2/ea or 3/\$5



Keeping Anubius Species

By Andre Fruck

Anubius plants are a very popular and easy to keep plant. There are many subspecies available and all make great additions to most planted tanks. They are very durable, live great in low light and can even be kept with cichlids.

The most popular varieties that you are most likely to encounter in the hobby are Anubius Barteri, nana and Coffeefolia.

Anubius Nana stays small and even has a dwarf variety. Anubius nana is a dwarf variant of Barteri so Anubius Nana "petite" is kind of like a dwarf of a dwarf. Barteri and Coffeefolia do get larger but even still they can be kept in a 20 gallon tank.

All the Anubius plants have thick rhizomes and strong roots. They use these roots to grow on driftwood and rocks. Many pet stores sell Anubius attached to driftwood and lava rocks to give your tank a more natural and cryptic look.

Being that Anubius are low light plants they can do well in most hobbyists aquariums. I use fluorescent plant bulbs over my Anubius tanks that run for 8 hrs a day. This is more than sufficient to grow these plants. They are slower growing plants so do not expect them to grow at the same pace as many bunch plants.

In nature Anubius attach themselves to rocks, driftwood or anything else that will allow them to stay in place. With this in mind, do not bury the roots in the gravel or the plant will slowly die. The roots must stay above the substrate in order for the plants to thrive. Many hobbyists do not realize this and watch their plants slowly die.

The leaves of Anubius plants are thick and tough. Apparently they also do not taste very good which allows them to be kept with certain fish such as many cichlids that would normally turn plants into a salad.

Anubis can be propagated by 2 methods. Method 1 is the easiest and is simply cutting the rhizome into 2 plants once it is large enough. You need to ensure that the plant is large enough and each section of the cut plant has some leave and stems. Method 2 is to let the plant grow in shallow water where the leaves can emerge from the water. In nature this is the way anubius grow naturally. The plants will then flower. If you pollinate the flowers, they will produce seeds which can be planted and grown.

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