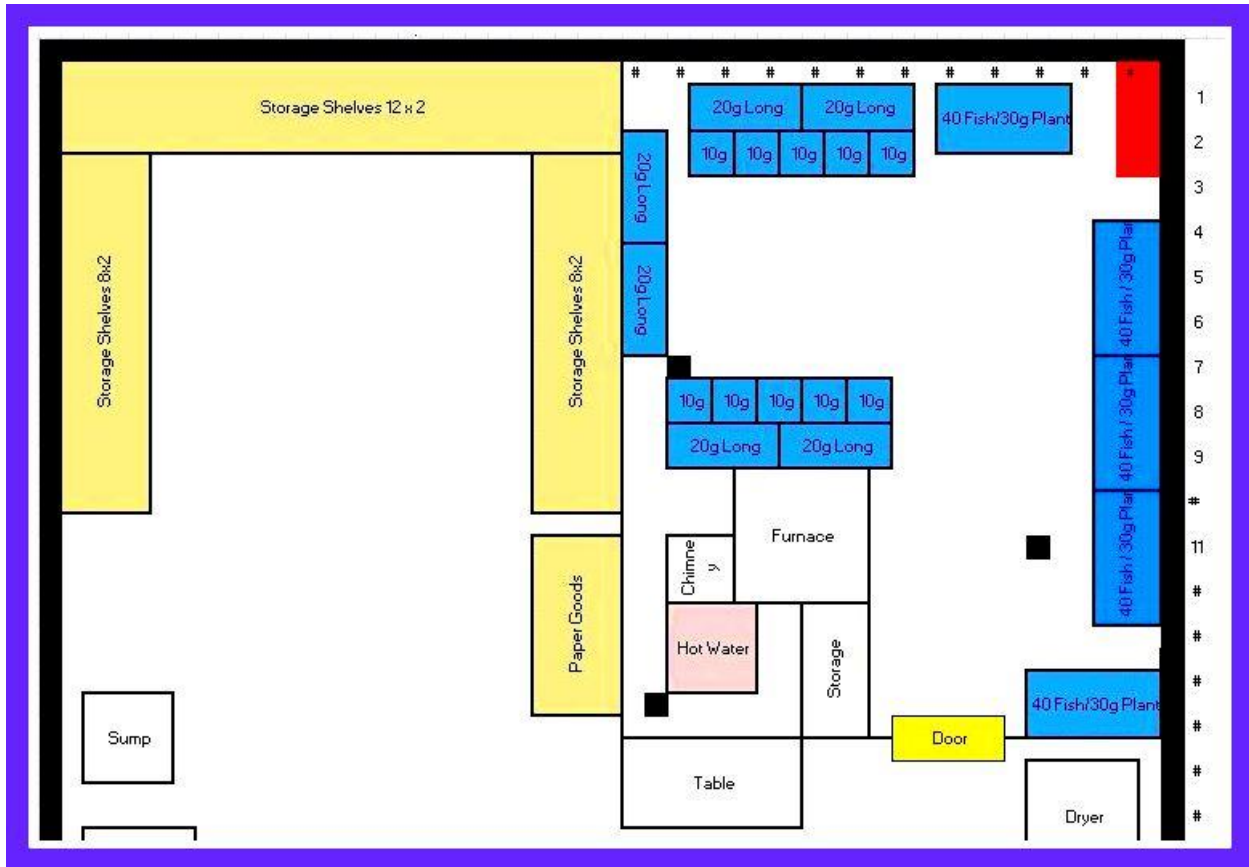


# ST. CATHARINES & AREA AQUARIUM SOCIETY NEWSLETTER: "The Scat"



MARCH 2017: Vol. 29 #07



**"Honey, I'm Building a Fish Room!"**



When you tell your family and friends you want to build a fish room, you may well find that your sanity is suddenly in question. However, with the right motivation and reasoning you can typically persuade others (namely your spouse) to go along with this wild and crazy dream you have. It didn't hurt that I offered to throw in the bribe of building some more storage shelves outside the fish room!

Actually, as an avid hobbyist, I had some very sane and compelling reasons to construct a proper fish room though, specifically: more tank space for fish; keeping the tanks in one convenient area; savings on electricity bill and of course, ease of maintenance.

Planning the fish room is probably the longest, most difficult aspect of the entire process. You cannot do enough research or consult enough people about what has or has not worked in their fish rooms – a valuable exercise. I ended up with quite the variety of feedback to sort out mostly because every fish room is built in a different house, in a unique environment with different aquariums and needs. The primary common denominators in every case were moisture control and proper insulation of the fish room. These are important considerations as a failure to plan can ruin your house and/or your pocket book. You cannot truly assess how much moisture you will be dealing with in advance until all of your tanks are up and running and you must know how to deal with elevated levels of moisture. In my case, I have dedicated an electrical outlet for a dehumidifier, if required – so far, the tight lids on my tanks have not made water vapour an issue.

To draw up the plans for my fish room, my software programme of choice was Excel. To create a plan that was to scale, I would make every cell 1 x 1 or 2 x 2, then equate each square to 1 or 2 inches. This approach allowed me the freedom to move items around digitally, adjust and create the optimal setup for my fish room (*See Cover: fish room plans*). At the planning stage, remember to include elements such as spacing between tanks or racks. Once you have perfected your layout at the planning stage, consider your budget and understand that you “will” exceed it. The final breakdown of costs (in USD) to build my fish room was:

**\$ 150 Tools**  
**900 Insulation/Drywall/Lumber**  
**250 Tank Shelves**  
**400 PVC**  
**300 Electrical**  
**850 Tanks/Airpump/Livestock (\*bought from another persons’s fish room)**  
**300 Lids**  
**\$ 3 150**  
**=====**

The fish room could have been built cheaper, but you want to construct it properly the first time with the features that are priorities. This may mean you will not be setting up all your tanks at the outset in order to save money. In my own fish room, I am still short a rack until time and funds permit.

When it came time to go shopping for all the materials, it was nice to have friends in the hobby with helping hands and vehicles! The insulation system on the exterior walls of my house is a 1.5” thick pink board that is held in place by furring strips. Over top of this, there is another 1” foam green board. The interior walls have a 2” foam board attached to them. I used washers to hold the foam in place rather than relying on only screws.





Then it was time for the exterior walls and this is where the project became complex. Unless you have a brand new house, things will not be perfectly square, so being OCD about that will only stress you. Adopt the mantra, “*it’s good enough*”. What’s key is to assess whether or not it will ever be truly problematic. If not, then move on and don’t obsess trying to build the wall 100% perfectly. We spent 2 hours trying to straighten and square one wall to find out the floor wasn’t perfectly level and the wall was fine. Learn from the error of my ways.

Once the structure was up, it was time to finish the insulation and drywall. If you build a room anything similar to this fish room, be sure to consider basement access for other purposes. For example, if my furnace needs to be replaced, I do not want to end up removing a wall. For this reason, I ensured the door is wide enough to allow for complete access to the furnace and all aspects of the hot water heater as well as to accommodate the moving of any large aquariums in or out of the fish room.

Now you are ready to begin the plumbing and electrical aspects of your fish room and this is where it all becomes very exciting! You start to see the “light” at the end of the tunnel – but patience and care wins the race in building a fish room. At this point, I installed two individual breakers for the room, new lights for the room on its own individual switch and all of the new outlets on the ceiling. I then ran the 2” air supply around the room, and installed a tank drainage system which flows to my sump pump.

Once you fill your first tank in your new fish room, your dream becomes a reality. My wife thought I was nuts, but I was literally jumping for joy when I set these two stands with the breeder tanks all in place.



The room is always changing when it comes to what is in each tank, but because of the amount of time I spent planning prior to building the layout, I have not yet needed to move tanks or changes the set up in any way to accommodate new livestock.

To my delight, at this point, water changes take about 1 hour on 22 tanks, and the hydro bill is the same as it was prior to **doubling** the number of tanks – all very efficient. I plan to add the last rack over the summer and all of the 30g breeders are beginning to be swapped over to fish/shrimp tanks.

Here is a video of my fish room one month later: [https://www.youtube.com/watch?v=Dp\\_7FB0v0NA](https://www.youtube.com/watch?v=Dp_7FB0v0NA)

If any readers have questions or are designing fish rooms and wish feedback, please email me, Chris Hardy, at [tritonaquatic@gmail.com](mailto:tritonaquatic@gmail.com)

**Article & Photos By: Chris Hardy** (published Jan 6th 2017, Triton Freshwater Aquatics Blog- see index)

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## Much Ado About Fish: Upcoming Events

- **\*CAOAC EVENTS** <https://www.caoac.ca/calendar.html>
- Mar 10-11 [North East Council of Aquarium Societies Convention](#)
- Mar 25 HDAS Auction, Waterdown <http://hdas.ca/events/annual-show-and-auctions/spring-auction>
  
- Apr 2 Barrie Region Aquarium Society Auction <http://www.1brass.com/>
- Apr 9 Durham & Region Aquarium Society Aquariama
- Apr 14-15 Pet Expo
- Apr 22 Sarnia Aquarium Society Auction
- Apr 30 Montréal Aquarium Society Auction/ Société d'Aquariophilie <http://aquasam.qc.ca/?p=1766>
  
- Mar. 19 Circle City Aquarium Club Spring Auction, Indianapolis, IN <http://ccacaqclub.org/auction-info/>
  
- May 7 London Aquaria Society Auction
- **May 19-21 CAOAC Aquatic Expo 2017, hosted by Hamilton & District Aquarium Society, at Holiday Inn Burlington Hotel & Conference Centre. Excellent speakers.**  
For tickets & more see <http://hdas.ca/convention>
  
- Sept. 22-24 Cataclysm 2017 (Mid-West Catfish Show), <http://catfish-cataclysm.com>
- CAOAC Newsletter <https://www.caoac.ca/newsletter.html>

### SCAAS Meetings & Programmes Spring 2017:

- Mar 6 "Filtermania" by Zenin Skomorowski
- April 3 "The Art of Aquascaping" by Art Commisso
- May 1 "Pondemonium: Designing an Oasis of Tranquility" by Sasha Hunter Certified Landscape Designer
- June 5 **"Annual Elections for SCAAS Executive"** & Summer BBQ-Potluck

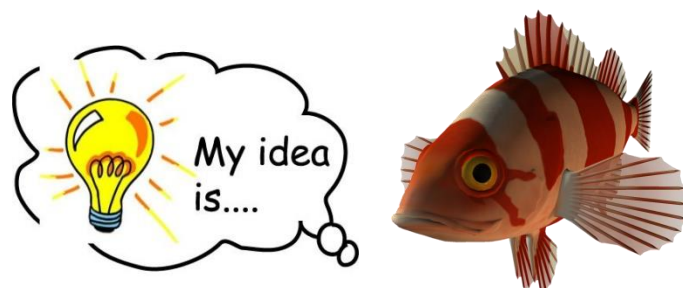




## Monday March 6 SCAAS Programme: “Filtermania”

The St. Catharines & Area Aquarium Society is honoured to present Zenin Skomorowski, of KWAS, and his “Filtermania” Programme next meeting. Filtration is key to ensuring the health of your aquarium inhabitants and also helps keep your aquarium looking pristine. Zenin will discuss the various types of filtration, related equipment and how

each of the filter designs compare, one to the other, including the many DIY filters in the hobby and online. There are a few cautions he will have for us about certain set-ups. This hands-on presentation analyses the pros & cons of each design so the aquarist can better decide which one suits their individual needs before setting up a tank or making a purchase decision. Jar Show for March: Swords, Platies, Mollies & Open. For the most up to date data on the St. Catharines & Area Society Events, please like and follow the official page at: <https://www.facebook.com/St-Catharines-and-area-Aquarium-Society-565883823470381/>



We are also asking members in this Newsletter if they have any suggestions or new ideas for the Executive with respect to the Club. Compliments are welcome. Please email your suggestions to Pat Shriner, 2<sup>nd</sup> vice-president and copy to Pat Bridges, membership chair ([gpshriner@cogeco.ca](mailto:gpshriner@cogeco.ca); [tp.bridges@sympatico.ca](mailto:tp.bridges@sympatico.ca)). They will accept written submissions/photocopies also. We appreciate your input and thoughts.



## A Word from the President

As we find ourselves on a fast and furious trajectory towards the Spring equinox – and I can't believe how mild it has been - I should mention Annual Elections are coming up faster than you think in June (3 meetings away). Don't be shy to ask questions about the duties of the different Council roles or to make known your interest in helping with the functioning of our Club. It can be fun. On that note, I've some timely announcements to make!

The SCAAS Council and I would like to welcome Shane Eaton as "Programme & Events Chair". Shane will work to organise speakers for our meetings and would like feedback on topics of interest from members and speaker suggestions. Feel free to contact Shane at [aquaticguy85@gmail.com](mailto:aquaticguy85@gmail.com)

We also have our long-time friend and established member, Tom Hillier to thank for assuming the role of "Ways & Means Chair". Tom has been acting in this role informally for some time, but has kindly agreed to assume the position officially. We still require a Photographer to take pictures of the group in action. Please speak to Dave Holland, SCAAS Editor if you are interested in this much needed role.

It's great to see that the Breeder's Award Programme (BAP) is active in SCAAS, but I'd like to see some more involvement in the **Horticultural Award Programme (HAP)** by members. Ry Koch, the HAP Chair, will be happy to explain any details to enter the awards programme for your aquarium plants. All levels are welcome. Let's see some of the green thumbs in the group.

I'd like to draw your attention to the Spring 2017 CAOAC Convention details (see p.7) in Burlington, Ontario (sponsored by H&DAS). The keynote speakers are very well respected in their fields and travel internationally to share their specialized knowledge at large fish conventions. They have raised hundreds of fish from all over the world and contributed to major tropical fishkeeping journals. The Convention offers activities in the area and at the Holiday Inn for family members who might like to come, but don't necessarily have "fishy interests". Also included is an excellent buffet.

I've been looking forward to our presentation on "Filtermania". Bring your filter questions for Zenin. Please remember to wear your name tags as they are a great way to get to know everyone in our friendly group. SCAAS also supports the local food bank by accepting non-perishable donations at our meetings. Oh yeah, did you notice my sporty pink hoodie? It was in honour of **#PinkShirtDay** (Feb 22<sup>nd</sup>). Stand up to bullying **#MakeNice** and keep spreading the kindness year round. See you at the meeting Monday!



Paul Paradis .

**President**

## March Jar Show Data & February Results:

For the March Jar Show, the feature category will be swords, platies and mollies. Every month is also open choice (this includes plants!) Auction to follow. The jar show categories for the balance of this season will be April (Anabantids, including Gouramis and Bettas); May (Guppies); June (Corys and Catfish, including Plecos). Best of Luck!

**February 2017 Jar Show Results:** \*No results to report.

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**Hamilton & District Aquarium Society presents CAOAC Aquatic Expo 2017  
May 19-21 at Holiday Inn Burlington Hotel & Conference Centre and will feature:**

- Full weekend H&DAS fish show with specialty classes
- 3<sup>rd</sup> Annual IBC Sanctioned *Betta Breeders Canada* Betta show
- Vendors room
- Saturday banquet dinner, guest speakers Regina Spotti and Eric Bodrock
- Sunday auction
- Friday and Saturday guest speakers
  - Ian Fuller
  - Lawrence Kent
  - Eric Bodrock
  - Regina Spotti
  - Gerald Griffin

Show, auction & vendors room open to the public. Presented with Canadian Association of Aquarium Clubs, Betta Breeders Canada, Southern Ontario Killifish Society, Trans Canada Guppy Group

### **TICKETS:**

**Full convention** – Early Bird – \$85 (AFTER APRIL 18<sup>TH</sup> \$90)

Speakers only -- \$45

Reserve at Holiday Inn Burlington Hotel & Conference Centre using Group Code **CAC** by April 18, 2017. (Visit <http://www.hiburlington.ca/> for rates. Rates dependent on the type of room booked)

For all updates and news, please visit <http://hdas.ca/convention>

## “Mile-High Club” Mollies



Mollies don't seem to like me, that is, other than my Gold Dust Mollies (*Poecilia sphenops*). Generally, with mollies, I always seem to lose the male first and then the females - all within a month or so of adopting them. I have tried every trick I have read or been told about to encourage them to thrive with no luck, from increasing the temperature of the water to adding salt to the tank, but the mollies always ended up in fish heaven joining the mile-high club or maybe the mile-die club? That trend continued until I finally acquired a lucky bunch of Gold Dust Molly fry.

It all started several years ago, at a CAOAC convention. Ann Mary Towell, from Calgary, had brought a Gold Dust Molly with her to the show - one very pregnant, very fat female Gold Dust Molly. Ann Marie had struggled with different techniques to assist the expecting female to drop her fry to no avail. She decided to bring this pregnant Molly to the CAOAC show and see if the travelling would cause her to give finally birth.

This time the magic worked and, sure enough, when Ann Marie opened her fish bag after the flight, there were several dozen fry now swimming with the Mom. Not wanting to transport all the fry back home again after the show, Ann Marie kindly gave me a number of them to keep and rear.

Once at home, I housed them in a 5 gallon tank I had empty in order to let them grow out. I lost a few of the Gold Dust Molly fry over the course of the next year, but they did reach maturity. I even managed to spawn them a few times, but found that the curse of losing the males had not quite left me.



Eventually, I found my Gold Dust Molly tank was down to three very large females with no nice looking males in sight. Unfortunately, I appeared to be at a loss for spawning them any time soon.

Ann Marie came to my rescue again just at the right time. She had brought a beautiful looking male Gold Dust Molly to the London CAOAC show and gave him to me when I mentioned the dismal fate of my male mollies and that I had been left with none.

In my fish room, I placed him into a 10 gal tank with my three females along with lots of java moss and a small power filter. This time, I added a little sea salt to help keep the health of the Mollies in top shape. Several months passed, and to my delight, I found that I could see a gravid spot on all the females – all three ready to give birth. Strangely, like their great, great grandmother, they just didn't seem to "want" to drop their fry. The three expectant mothers carried the fry for months! Finally, one day when I went downstairs to the fish tanks, I had the pleasant surprise of seeing a dozen or more newly born black fry swimming around.

If you were at the Kitchener-Waterloo Aquarium Society (KWAS) "Octoberfish" Show, you may have seen part of my proud Gold Dust Molly family win first place in The "Livebearer Class". I was so pleased.

The fry are starting to develop the trade mark "gold dust" on their black bodies. I plan on growing them out to maturity and showing the Mollies at the CAOAC convention this spring in Burlington. I may even give Ann Marie a run for her money in the Livebearer class!

**Article By: Catherine Salmon**

*(\*originally published in H&DAS Bulletin)*



### ***Advertising in the S.C.A.A.S. Newsletter***



Please contact any SCAAS Officers. Our rates are as below:

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



## Aquarium-side Chat with: Bev & Ray MacIntosh

I became interested in fish about 35 years ago when I was a young, single mother and bought a tank for my two girls. We kept tetras and were learning to care for them with my brother-in-law's help. That lasted 6 months until one day somehow the heater malfunctioned or some little hands turned it up. Upon returning home, the kids were panicked because their fish were white and floating – not good signs. The glass felt as hot as a coffee cup. Years later, the kids and I adopted a perch and a sunfish we caught fishing and housed them in a big aquarium I had acquired.

When Ray and I began dating, he saw that tank and curiously remarked, “what do you have in there?” It was algae-covered and you couldn't see inside. I told him about our fish, but hadn't seen them for a while so we decided to clean it. The fish were fine and looked quite healthy. Neither of us knew much about the hobby then, so we removed them to a bucket. Later, the tank was refilled with tap water and the fish returned. Sadly, they both died shortly after.

Ray and I decided to buy another tank in hopes of creating a home for some swordtails. After some research, we began to breed them and had several spawns. One night a female was giving birth and Ray noticed she was in distress. Upon closer examination, he saw there was a baby half way out, seemingly stuck. We waited for a time, but the mother was showing signs of stress so Ray caught her, held her with his fingers and with tweezers pulled the baby fish out. It didn't survive, but the mother recovered and was able to drop the remaining fry. This was Ray's first experience assisting in birth (smiles).

We moved to a bigger home and set up 15 tanks in the rec. room and began breeding cichlids - convicts of course. Ray liked to run experiments on the eggs. Once, he replaced the parents with another pair to see if they would raise the eggs - they did. He tried hatching the eggs without the parents which was also





successful. Our aquariums were stocked rather consistently with many convicts, but also guppies, swords, mollies and platys.

We started to move house a fair bit, and discontinued the hobby, later even moving to Saskatchewan. Upon returning to Niagara we quickly developed multi-tank syndrome with 30 tanks! Ray had his fish room downstairs and mine was in the computer room. A man selling fish, named Richard, suggested we join the aquarium society a few years ago and we did so, only to love it.

Now, due to hydro costs, we closed the downstairs fish room and created a TV-fish room. We each have two aquariums. Mine are brightly decorated, stocked with fancy guppies and a number of plecos. There are 3 different pleco varieties and various sizes, including fry in a grow-out tank. I also have some bronze corycats breeding in yet another tank. Ray has his big aquariums on single stand, one featuring his angels and the other, many swordtails which are flourishing and breeding regularly.

Along with all our fish, we have our 2 furry (or I should say hairy) girls. Taz is a 6 year old husky cross coyote and Juno is our 4 year old german shepherd. These are our only “kids” we have left at home and they are spoiled rotten! We really do enjoy the monthly fish meetings and the auctions are always fun!



### ***Ask Larry Lobster!***

**This segment offers anyone a chance to pose questions via email submissions to “Larry Lobster” about their aquarium. Opinions will be sought to help answer the question by various resources, from veterans, those with experience and reliable online/journal research. Answers are “friendly opinions” only.**

***Dear Larry Lobster:*** *I’ve been thinking of getting a snakehead fish for one of my large tanks. Are they legal in Ontario? If not, why all the worry over one? Thank you Chris*

It is **illegal** to keep the Snakehead fish and certain invasive species because “they pose a serious threat to native species and ecosystems” according to the Ontario Ministry of Natural Resources under the Invasive Species Act. Ontario has regulated all 28 species of snakehead (including Northern Snakehead) as prohibited. For more information on that Act and Regulations visit [www.ontario.ca/invasionON](http://www.ontario.ca/invasionON).

The Snakehead fish (*See photo right*) has been dubbed the “*frankenfish*” because of its ability to cross land by wriggling its body like a reptile, its ability to live out of water for several days at a time, its voracious appetite, and many dagger-like teeth. According to scientist Becky Cudmore, of Fisheries and Oceans Canada, the snakehead can tear off human fingers and/or toes if given the opportunity. Additionally, the fish is very difficult to kill unless decapitated. The northern snakehead can live in lakes, ponds, rivers and streams in water temperatures ranging from 0° to 30°C – all well within the temperature range of the Great Lakes. Native to Asia, it can grow to a metre long and has already become a menace in some American waters because of people releasing them. It will prey on other fish and fish larvae, frogs and toads, invertebrates, insects, small reptiles and small birds and mammals - in some cases, especially aquatic, to the point of extinction. It breeds prolifically and grows at an alarming rate according to the Fisheries and Oceans Canada researcher and has no predators in North America.



In 2013, a South-western Ontario man was fined \$2,000 for keeping two snakehead fish and had to surrender them to authorities for euthanasia. An aquarium dealer served two months in jail and was fined \$ \$90,530 for selling the fish. The government has set up hotlines to report any information about the illegal importing, distribution, possession or sale of live snakeheads, at 1-877-TIPS-MNR as well as Crime Stoppers at 1-800-222-TIPS. It would not be worth it.

On a personal note, while some varieties may have some estétique appeal, an aquarist I know used to have one in the province of Alberta where they are legal (or at least when she was keeping hers) and she rehomed the fish as she found it was eating her other fish constantly even when well fed and in a very large tank environment. There are other beautiful fish to keep that don't put our native fauna at risk.

Sources:

OFAH/OMNR Invading Species Awareness Program. (2012)

Toronto Sun, March 5, 2013

Consiglio, A. “‘Frankenfish’: Undercover sting lands Markham snakehead fish dealer in jail”. The Star. Nov. 14, 2012



**Ask Larry Lobster at [scaaseditor@yahoo.com](mailto:scaaseditor@yahoo.com)**

## Horticulturalist & Breeder Award Programmes & Reports:

**The HAP (Horticulturist Award Program) and BAP (Breeders Award Program)** allow members to collect points at different levels. Not only does this give the participant a goal to strive for, but it allows them to learn along the way. This knowledge can then be shared with other members and even club members. Please consult the BAP or AHAP Chairs for related information and forms may be found at:

<http://www.scaas.info/forms.html>

(\*NOTE: Any BAP & AHAP Reports for submission to the Newsletter Editor must be emailed 30 days in advance of the next meeting to meet press deadlines. Reports will qualify as articles for the article rewards programme if they are 600 words or more with a photo).

### **BAP AWARDS: FEBRUARY**

Dave Furness for "*Fossorochromis rostratus*" (fossie cichlid) ..... 5 pts

### **OAA AWARDS: FEBRUARY**

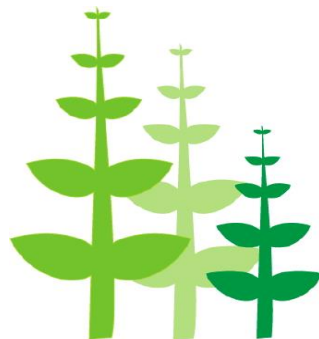
Shane Eaton for "*Pomacea bridgesii*" (Mystery Snail) ..... 5 pts

***Congratulations to both Dave Furness and Shane Eaton on their Awards, on behalf of Tom Bridges, BAP & OAA Chair and the St. Catharines and Area Aquarium Society Council and Members!***

**OAA stands for Other Aquatic Animals** (mainly invertebrates, but includes vertebrates such as aquatic frogs). \* Please Note: The points may change as we find out more regarding degrees of breeding difficulty. Appropriate certificate forms are available from the OAA Chairperson, Tom Bridges.

### **AHAP AWARDS: FEBRUARY**

No Awards given at the February Meeting - Ryan Koch, HAP Chairperson.



## BREEDER'S REPORT: "Rabbit Snail"



The rabbit snail (*Tylomelania gemmifera*) is found in mountain lakes on the Island of Sulawesi in Indonesia, and can grow to a length of 10cm-12.5cm (4 to 5 inches). It is one of the more interesting looking and rare snails in the hobby. In fact, they are similar in appearance to the Malaysian trumpet snails. The head, which comes in different colours, has been described as looking like a rabbit's head. They snails in several colour morphs such as orange posos , yellow posos, white-spotted, golden-spotted, yellow-spotted, black and chocolate.

Rabbit snails are dioecious (male and female) and have a low rate of reproduction so they are not likely to overtake your tank for aquarists interested in trying them. The rabbit snail produces 1 offspring at a time, which uniquely is a live birth, once every six weeks.

Concerning living environment and care, rabbit snails can tolerate water temperatures as low as 20C (68F), but prefer about 27C (82F). Their preferred pH should be no lower than 7.5, but 8.2 to 8.6 is idealic. If you do not have hard water, you can add some crushed coral to their tank, which would help to protect their shells. You can incorporate some plants into their tank, but stay away from the softer plant varieties. There is no problem on feeding them, for they will take a great variety of foods, such as flakes, pellets, leafy greens, blanched carrots, kale, broccoli, etc. Give these exotic snails a try.

**By Breeder's Award Participant: Dave Furness**



**NEW! PARTICIPATE IN THE NEWSLETTER FOR A CHANCE TO WIN A REWARD THIS YEAR!** Members are may write articles about their tanks, and subjects relating to aquaria. Tell us about a wide range of your experiences from building your fish room/tank to how you are planning to set up your shrimp tank. We haven't had any articles on shrimp yet and they are popular. Do you own a different fish? What are they like and what type of tank mates do you keep with them? What new creative ideas have you tried in your tank or pond for design? We'd like to hear about it. The Newsletter will accept articles from veteran members and new members of all levels and ages. Please don't worry too much about your writing style, grammar and spelling as the newsletter staff can edit. We request kindly that you include more information rather than less in writing your article as it is easier for editing purposes. To gauge article length, your article or report should be at least 600 words long with one photo when submitted in order to qualify for the special articles rewards programme. Smaller articles, reports (less than 600 words) and Aquarium-side chat submissions will qualify for a secondary reward. Submissions by email are welcome or if you want to submit a written article by hand in a meeting that is fine too – priority is given to SCAAS members and to topics that have not been recently covered. Not all submissions will be printed in the month they are submitted. The editor reserves the right to edit your submission for length, spelling, grammar, supplementary content and/or clarity. Images submitted by contributors and any extraneous copyright matters are the responsibility of the submitter and not SCAAS. **Please contact the editor if you have any questions or would like suggestions or feedback on possible article topics. Please submit your articles to me, Dave, at the email address below:**

[scaaseditor@yahoo.com](mailto:scaaseditor@yahoo.com)



## Where and When We Meet

- The St. Catharines and Area Aquarium Society (S.C.A.A.S) meets the first Monday of the month at the Seafarers' and Teamsters' Union Hall, 70 St. David's Rd. E., Thorold, ON. If the 1<sup>st</sup> Monday falls on a holiday, we meet the following Monday (no meetings in July & August).
- The Society is a non-profit educational organization, dedicated to bringing hobbyists of tropical fish and aquatic plants together who are interested in breeding, raising, showing and/or learning more about aquaria, both at the beginner and more advanced levels. Members benefit from lectures, power point presentations, hands-on demonstrations, outings, shared advice, newsletters and monthly auctions. The club has a social aspect and visitors are welcome.
- 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](http://www.caoac.ca)) and of the Federation of American Aquarium Societies, (F.A.A.S.; [www.faas.info](http://www.faas.info))
- S.C.A.A.S. does not endorse any products, services or guarantee items sold at auction.
- More news and information about S.C.A.A.S. can be found online at [www.scaas.info](http://www.scaas.info)



*Our membership consists of adults, children and teens. Many are experienced and have been keeping fish for years, and others are just getting started. People of all ages and levels are always welcome. Meet and learn from those who share your interests! Participate in the auctions; find quality, affordable fish and plants. Qualify for store discounts. Speak to our Membership Chair about joining.*





## 2016 SCAAS OFFICERS

### **Executive:**

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| Past President                 | Joe Krawchuk    | <a href="mailto:drummers_secret@hotmail.com">drummers_secret@hotmail.com</a> |              |

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|                                  |                                       |  |              |
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| Breeder/OAA Awards               | Tom Bridges                           | <a href="mailto:tp.bridges@sympatico.ca">tp.bridges@sympatico.ca</a> | 905.735.3352 |
| Horticulture Awards              | Ryan Koch                             | <a href="mailto:koch.ry@gmail.com">koch.ry@gmail.com</a>             |              |
| Auction Co-ordinator             | Tom Bridges                           | <a href="mailto:tp.bridges@sympatico.ca">tp.bridges@sympatico.ca</a> | 905.735.3352 |
| CAOAC Representative             | Phil Barrett                          | <a href="mailto:pbarrett3@cogeco.ca">pbarrett3@cogeco.ca</a>         | 905.931.2044 |
| Newsletter Editor                | Dave Holland                          | <a href="mailto:scaaseditor@yahoo.com">scaaseditor@yahoo.com</a>     |              |
| Jar Show Co-ordinator<br>& Judge | Pat Shriner                           | <a href="mailto:gpshriner@cogeco.ca">gpshriner@cogeco.ca</a>         | 905.354.1367 |
| Membership                       | Pat Bridges                           | <a href="mailto:tp.bridges@sympatico.ca">tp.bridges@sympatico.ca</a> | 905.735.3352 |
| <b>Refreshments</b>              | <b>VACANCY</b>                        |  |              |
| Librarian                        | Position Filled                       |  |              |
| Press/Publicity                  | Ken Brady                             | <a href="mailto:kbrady2@cogeco.ca">kbrady2@cogeco.ca</a>             | 905.935.4716 |
| Programmes/Events                | Shane Eaton                           | <a href="mailto:aquaticguy85@gmail.com">aquaticguy85@gmail.com</a>   |              |
| Ways & Means                     | Tom Hillier                           | <a href="mailto:tom.hillier@hotmail.com">tom.hillier@hotmail.com</a> |              |
| <b>Photographer</b>              | <b>VACANCY</b>                        |  |              |
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| SCAAS Facebook Page              | Dave Holland/Pat Shriner/Paul Paradis |  |              |



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## BAGS! BAGS! BAGS!

You've heard of Wiki leaks... this is about baggie leaks...

At some auctions, there are a lot of leaky bags. HERE ARE SOME SUGGESTIONS:

PLEASE KNOT YOUR BAGS, OR USE ELASTIC BANDS.

ABSOLUTELY NO ZIP LOCK BAGS OR METAL TIES OF ANY KIND, EVEN FOR PLANTS.

DOUBLE-BAG FISH THAT ARE PRONE TO PIERCING THE BAG.

DON'T USE STICKY TAPE TO CONNECT TWO BAGS (i.e. a pair of fish), TIE THEM TOGETHER AT THE TOP OR PUT THEM BOTH INTO A LARGER CLEAR BAG.

To prevent almost certain deaths because of a too small bag - USE A BAG THAT'S APPROPRIATE TO THE SIZE OF THE FISH, **ALWAYS WITH 1/3 water and 2/3 air space in each bag.**

\*BAGS ARE FOR SALE REASONABLY AT THE SIGN-IN DESK AT EACH MEETING



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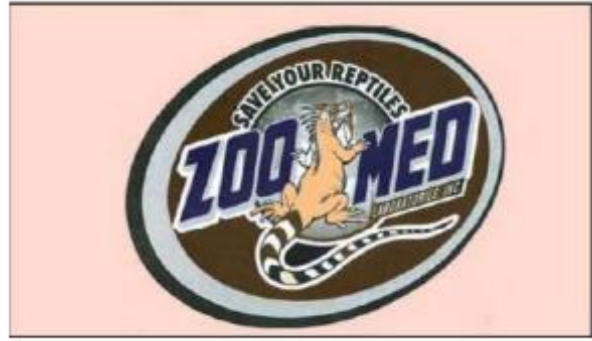
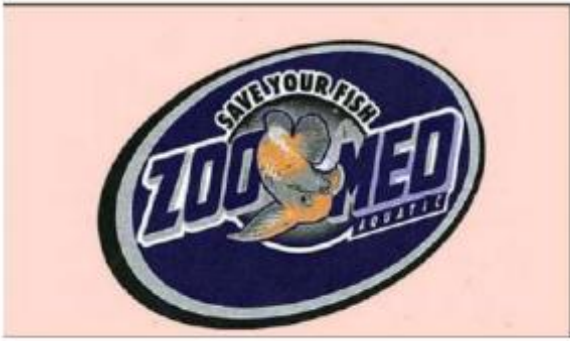
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\*Original Title of Chris Hardy's Article "Building A Fishroom – "Are You Nuts?!"

