

BRASS BULLETIN

May 2017



Next meeting Tuesday May 9th

THE NAMES YOU KNOW, THE PEOPLE YOU DON'T

CHEIRODON AXELRODI



www.flickr.com/photos/jamiesonteo/3873926064

DR HERBERT AXELROD

An Article by Derek P. S. Tustin

Barrie Region Aquarium Society of Simcoe

www.1brass.com

President's Message

Like many of you, I find this time of year an opportunity to reorganize and clean up around the home. Our fish tanks and "fish room" would be included in that goal but alas, I find I've been so busy with moving family members lately (some twice!!), the demands of my day job and just plain life in general that I hope I can get our tanks the much needed attention they deserve real soon.

As a club we also have some important items to look at after this spring before we take a break for the summer after our June Meeting. We hold our elections at our June general meeting and therefore, now is the time to consider nominations for our Executive. Executive officers must be members of BRASS. Current positions include President, Vice President, Secretary, Treasurer, Editor, Program Co-ordinator and Web Master (which is currently unfilled). We also have committee positions that are not voted upon by the membership but are appointed by the Executive (These may include Librarian, Social Media chairperson, CAOAC representative and others). It takes a bit of time and effort to make an aquarium club run smoothly and the more people we have that can volunteer their time to accomplish this, the easier it is. Nominations will be opened at our May 9th meeting so please consider nominating someone that you believe would be a good candidate for a particular position. If you already hold an executive position, give thought to whether you will let your name stand for another term.

For our May Meeting we will feature a DVD presentation on the Crater Lakes in Nicaragua. We can also have a mini auction this evening as well, so please consider bringing some items to sell!

See everyone on May 9th!

Jeff



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From The Editor

With all of the wet weather we have been having lately, it's been difficult to enjoy the outdoors lately. That's ok with me. It gives me more time to enjoy my hobby.

This month's issue has lots for you. *What's on the Web* takes a look at Facebook Groups. There are almost 2 billion people on Facebook and as you can imagine, there are lots of groups related to aquarium keeping. Take a look at the few we have picked out for you. If you have a Facebook Group you enjoy, please share it with us. We would be happy to feature it in *WotW*.

We have another fantastic article from Derek Tustin. This month we chose an article on Dr. Herbert Axelrod. He was a fascinating person who did some amazing things. He also authored some of the most purchased books found in our hobby. Be sure to take the time to read it.

We are still looking for pictures from you, our members, might have taken at the 2nd Annual Aquarium Auction. We are looking forward to documenting the event and sharing it in your Bulletin.

Also, thank you to Kevin for sharing pictures with us. We have shared some throughout the past two issues of the Bulletin. If you have pictures of your fishy friends that you would like to share, the Bulletin is a great place to do it. Please send anything you want with us at BRASSBulletin@gmail.com

If you haven't guessed the previous two tanks featured in *Who's Tank is That?* They are; March: Spenser Gervan and April: Kevin Hodgins. This month we feature a small saltwater system. Can you guess who's it is?

Thanks for taking the time to read you Bulletin. Have a great May. The summer is just around the corner.

Cheers,
Ken Parkes
BRASS Bulletin Editor



Photo by Ken Parkes

Otocats on a Crypt



Photo by Ken Parkes

Freshwater goby



GLOBAL PET FOODS

Canada's Healthy Choice For Pets

King Street, Midland

SECRETARY'S REPORT

The April 4/17 BRASS meeting opened with Jeff Mountjoy welcoming everyone. We had 2 guests who came because they attended the Auction and wanted to check out our meetings. Jeff asked for any comments on how our Auction went. General comments were; well run, good job. We had even less people within our club to help this year as well as less help from other clubs. So we felt we did a pretty good job at organizing and running the auction. We had a good turn out, but less than last year. We felt that was due to having the three Auctions in a row, Hamilton's, ours and Durham's. We did encounter some small glitches that we will correct for next year. The Legion wasn't as helpful this year as last, the information marquee did not have our information on it and the Custodian was clearly stressed as he had too many things to do for one person. Jeff will discuss these issues when booking our date for next year. It was mentioned that Gerry Draper has used tanks if anyone is interested.

Our guest speaker was Frank Aguire, a dynamic and interesting speaker. He showed us pictures of tanks he has designed and constructed in new homes and offices in Toronto and Waterloo. This is certainly not for the "faint of heart"; we're talking 1000 gallons or more; so very large and extremely heavy and built in. He had many stories of problems and solutions he came up with. It was a very interesting and informative talk. Frank also told us of The Biotope Aquarium Contest he is sponsoring for the CAOAC Convention May 19 – 21/17. On the Saturday you are given a 10 gallon tank, light and table and you provide the talent etc. It is judged on the Sunday. There is a National Competition Team that represents Canada. Frank suggests each club hold a competition and then send the best to the contest. We will have a mini auction at our next meeting. See you there!

Bonnie Smith

Coming Events

- May 4-7 - ALA Convention
- May 7 - London Aquaria Society auction
- May 9 - BRASS Club Meeting
- May 19-21 - Aquatic Expo & AGM

- Jun 10 - Peel Region Aquarium Club Banquet and Talk,
Details [here](#)
- Jun 13 - BRASS Club Meeting
- Jun 25 - CAOAC Executive Meeting & General Meeting and
President's Lunch, Waterdown ON

- Sep 9 - Sarnia Aquarium Society Auction - details to follow
- Sep 12 - BRASS Club Meeting
- Sep 24 - London Aquaria Society auction
- Sep 30 - Hamilton & District Aquarium Society - Auction, de
tails to follow
- Oct 10 - BRASS Club Meeting
- Nov 5 - Peel Region Aquarium Society Auction & show - de
tails are to [here](#)
- Nov 14 - BRASS Club Meeting



WHAT'S ON THE WEB?

So far *What's on the Web* has featured websites and personalities from the internet. This month we would like to talk about a social media platform and share some pages and groups from Facebook.



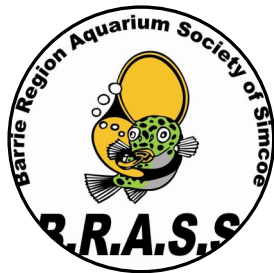
Some of these places you might be a part of already and if you are please share your experiences with fellow members. One of the best ways to enjoy this hobby is to share it with likeminded people. It's why we are a part of an aquarium club after all. Here is a short list of Aquarium related Facebook Groups you might like.

BRASS on Facebook

First and foremost, we want to remind members that BRASS has a Facebook Page and Private Group. If you haven't joined them, you need to now. There is no better place to see Doug and Melissa's latest posts!



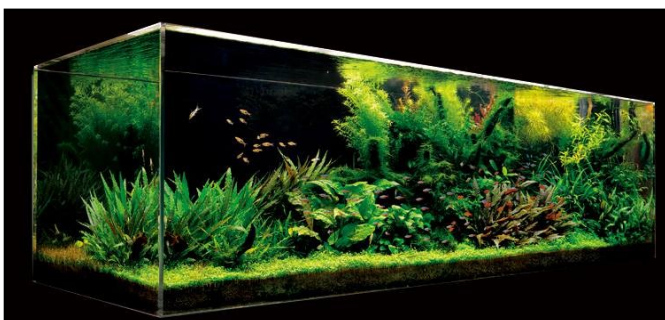
[BRASS Private Group](#)



[BRASS Facebook Page](#)

Local Groups

Now that we know our Facebook presence, let's widen our lens a little. Lets talk local. There are some groups on Facebook that are local to the Barrie and Simcoe area. Here are a couple of them that might interest you:



[Barrie & Surrounding Fish & Aquarium Tank Talk](#)

Though *Barrie & Surrounding Fish & Aquarium Tank Talk's* name is long and difficult to remember, it's one of the most popular Aquarium related Facebook groups in the Barrie area.

Here you will find a lot of classifieds. Many people in our area sell their fish and equipment here. You can also ask locals for advice. If you're in need of an emergency tank or filter, this is a great place to look for help. After talking to us in our BRASS Group of course...



[Aquaholics\(705\)](#)

Another great local group is *Aquaholics(705)*. This group has classifieds as well, however, they seem to focus on sharing information. The members here like to share interesting things they have found on the internet. Sometimes they relate it to us as fish keepers in the Barrie and Simcoe area; giving advice pertaining to the article or video they're sharing.

Worldwide

One of the best things about social media is that it brings the world to your fingertips. Have you ever wondered how people keep fish on the other side of the world? Well now you don't have to wonder...Facebook has the answer.



[Freshwater Aquariums](#)

Freshwater Aquariums is a fantastic Facebook group that as of writing this article (May 6, 2017) has over 38,000 members. You won't see any sales or trades going on here. But, from fishkeeping advice to product reviews to photos of gorgeous tanks from around the world, this really is an entertaining place on the internet. If you want online shopping advice or want to meet somebody who keeps fish in Nepal. There is something here that will interest any curious aquarist. You've got to check this one out!



[For Fish Sake](#)

For Fish Sake is an interesting international group. They have almost 12,000 members. SO there is lots of action in this group too. What makes them interesting is that they have themes on each day of the week. For instance, they have Memes Monday, where on you share your favourite fish memes. On Wednesday they have "What am I...?" Where you guess the fish in the picture. They also have tank selfie days and a Daily Species Spotlight.



[Salt Water Aquarium & Reef Keepers](#)

Salt Water Aquarium & Reef Keepers is a great group for marine enthusiasts. With over 30,000 members, there are plenty of posts daily. Even if you're not into saltwater tanks, the stuff these hobbyists get in their tanks is crazy!

For those cichlid lovers out there, there are groups for you too. Here are a few:



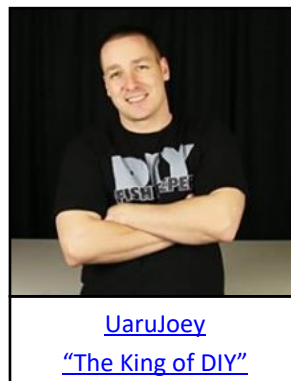
[Too Many Cichlids](#)



[Cichlid Keepers](#)

Cichlid Keepers has over 31,000 members and it contains enthusiasts from all facets of the cichlid hobby. From South Africa to South America. If you're interested in Frontosas or Kribensis, you're going to find people here like you.

Last but not least, we would like to share the facebook pages of our previous *What's on the Web* features. Please visit them, they're always updating.



[UaruJoey](#)
["The King of DIY"](#)



[Aquarium Co-op](#)

* Continued on next page

Visit these *What's on the Web* features on Facebook



[The Green Machine](#)



[Ivan Mikolji](#)

There's no doubt about it, if you want to find people like you, Facebook is the place to do it.

These are a few Facebook Groups we enjoy. What fishy groups are you a part of on Facebook? Please let us know at BRASSBulletin@gmail.com. If we get enough input, we might be able to share a new list with you in a later edition of the Bulletin. Now go enjoy your hobby on Facebook.

Written by Ken Parkes



THE POND EXPERTS

HYDROSPHERE WATER GARDENS

BRASS Executive

President	Jeff Mountjoy
Vice President	Doug Fleming
Past President	Doug Smith
Secretary	Kara Fleming
Treasurer	Bonnie Smith
Programs Co-ordinator	Udo Rohmann
BRASS Editor	Ken Parkes

Committee Chairs & Representatives

Librarian	Spenser Gervan
Breeders Award Program Chair	Doug Best
CAOAC Representative	Jeff Mountjoy
Auction Committee Chair	Udo Rohmann

DOOGANS

PET CENTRE

Kozlov Centre, Barrie

DoogansBarrie.com



www.petsandponds.com

AN EVENT THAT MIGHT INTEREST YOU

CAOAC 2017 Convention



Hamilton & District
Aquarium Society Presents
Canadian Association of Aquarium Clubs
Aquatic Expo 2017

May 19-21, Holiday Inn Burlington Hotel & Conference
Centre

Full weekend Show with specialty classes (Guppies and Killifish)

3rd Annual *Betta Breeders Canada* Betta Show

Saturday Betta Auction, Sunday General Auction

Vendors Room

Saturday Banquet Dinner

Guest Speakers:

Ian Fuller **Regina Spotti**

Lawrence Kent **Gerald Griffin**

Eric Bodrock

Early Bird Ticket Price: \$85

Vendors Room, fish shows and auctions open to the public

Visit hdas.ca/convention or contact president@hdas.ca for more details

The Names You Know, the People You Don't: Dr. Herbert Axelrod

Derek P.S. Tustin

Quick, name the person from the aquarium hobby who;

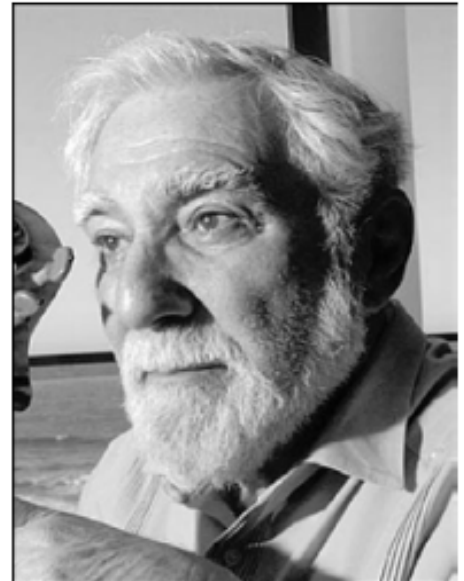
- Collected then sold thirteen Stradivarius instruments to the New Jersey Symphony Orchestra
- Started the magazine *Tropical Fish Hobbyist*
- Served in a M*A*S*H unit in the Korean War
- Reportedly spent a week discussing sea slugs with Japanese Emperor Hirohito
- Reportedly studied mathematics under Dr. Albert Einstein
- Served a prison sentence in the United States for tax evasion
- Has the Institute of Ichthyology at the University of Guelph named after him
- Has one genus and sixteen species of fish named after him
- Has two species of Rainbowfish named after him

The Beginning

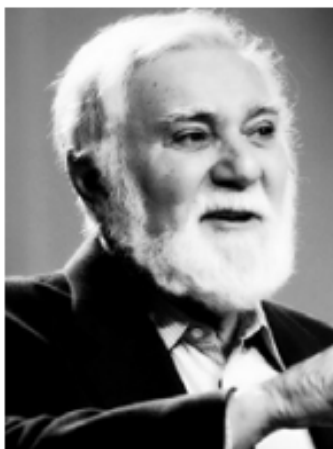
Herbert Richard Axelrod was born on June 7th, 1927 in Bayonne, New Jersey. His father, Aaron, was a mathematics and violin teacher, and his mother, Edith, worked for the United States Navy Procurement Office.

The childhood of Herbert is not well known, although certain alleged actions and events have been related over the years. One story has it that at the age of ten he swam fifteen miles across Lake Ontario. However, what is most noted about his youth is the role that music and musical instruments (especially the violin) played. Under the influence, tutelage and guidance of his father, Herbert's first developed his love for music and the violin. Reportedly, a miniature violin was placed in his crib when he was an infant, and when Herbert was in his teens his uncle, Paul Kochansky, a renowned violinist who owned the "Ole Bull", a priceless 1687 Stradivarius violin, permitted him to play it.

Herbert graduated from high school (likely Bayonne High School where his father was a teacher) on his 17th birthday and entered the United States Army's Army Specialized Training Program (ASTP) for pre-med studies. Six years later, at the age of 23, he was sent to Korea to be in charge of a M*A*S*H (Mobile Army Surgical Hospital) blood bank.



Adventures



It was while in Korea that two defining and important events in the life of Herbert Axelrod, one confirmed and the other possibly apocryphal, occurred. The first was that somehow Herbert received a wound to his hands. In order to exercise and regain his manual dexterity, he began typing. So he typed and typed and typed... and ended up typing his *Handbook of Tropical Aquarium Fishes*, which sold over a million copies and is considered one of the most influential and best selling aquarium books of all time.

The second event may or may not be true. In an article published by John T. Ward in 2003 on Dr. Axelrod, a story was told that occurred after the publication of Herbert Axelrod's first book on aquarium fish (*Handbook of Tropical Aquarium Fishes* was actually his second published book). Apparently either while on leave in Japan and/or acquiring some whiskey for his unit in Korea, he met Japanese Emperor Hirohito. It is known that Emperor Hirohito did have an avid interest in marine biology, and the story is told that while in Japan, Herbert Axelrod had a chance encounter with a Japanese ichthyologist in a Tokyo library. This resulted in Herbert being invited to the Japanese

Summer Palace. There he was introduced Emperor Hirohito and the two engaged in multiple discussions over the period of a week on various aspects of ichthyology and marine biology, specifically marine invertebrates.



Cheirodon axelrodi

In 1952 Herbert Axelrod returned from Korea and began to teach at New York University and continued his own studies as well. He eventually obtained a Masters degree in mathematics and then a PhD in medical statistics (epidemiology). During this same period when he was a student, he began to publish the *Tropical Fish Hobbyist*, a magazine which continues to this day. The company that arose around that magazine, TFH Publications, eventually became the largest publisher of animal and pet books in the world.

It was also during this period that Dr. Axelrod informs that he used to travel to Princeton to hear Dr. Albert Einstein talk about lattice theory. Again, the story is plausible as Dr. Einstein did teach at Princeton during that time, Dr. Axelrod's Masters degree was in mathematics, and New York wasn't that far away. But did he really study under Dr. Einstein? Or perhaps just meet him? Unfortunately there is no confirmation of the story, but it certainly adds even more spice to an eventful life.

It was the success of *Tropical Fish Hobbyist* and TFH Publications that enabled Dr. Axelrod to pursue his various interests. One area was... well, adventure. There is a story that Dr. Axelrod and another man traveled to Brazil with the goal of capturing two rare black jaguars to be used in a film by Walt Disney. Given that the movie was likely Walt Disney's "Jungle Cat" (released in 1959) this was likely around 1957 or 1958. They were reportedly able to capture one true black jaguar, but were unable to find a second. To fulfill the assignment, they apparently captured a regular jaguar, tranquilized it, and had a hairdresser dye it black.

The other area of interest that his financial success enabled him to indulge was that of rare musical string instruments, specifically Stradivarius violins. By 1975 the money that he had earned from TFH Publications allowed him to purchase the Stradivarius violin named "Empress Catherine" from a Philadelphia dealer. From then until 1995 he bought, sold and traded various rare instruments

Philanthropy - Stradivarius and the Axelrod Institute of Ichthyology

We're a fish club, not an orchestral appreciation society, so all the specific details would be lost on most of us. The high points are that in 1998 he donated two violins, a viola and a cello – all inlaid Stradivarius – as well as several other musical instruments to the Smithsonian Institution. The value of the four Stradivarius was estimated to be \$50 million dollars. In 2003 he sold 30 other instruments (this collection dated from the 17th and 18th centuries, is now known as "The Golden Age Collection" and contained 13 more Stradivarius) to the New Jersey Symphony Orchestra for \$18 million.

However, as a fish club, we should also be aware of a somewhat local connection that we have with Dr. Axelrod. In December 1989 Dr. Axelrod donated a fossil collection constituted mainly of fish fossils to the University of Guelph. The fossil donation is reported to be one of the largest gifts ever made to a Canadian university. Six months later, in June 1990, the Axelrod Institute of Ichthyology was established at the University of Guelph. The Axelrod Institute serves an educational function in both studying various aspects of fish and aquaculture as well as displays and educational presentations of both living and fossil fish to the public.



Legal Quandaries

In 1997 Dr. Axelrod sold TFH Publications to the Central Garden & Pet Company of California for \$70 million. As is usual in transactions of such a large nature, there were various agreements as part of the contract. One of these was that if TFH Publications reached certain earning targets after the sale of the company, Dr. Axelrod would receive further compensation. Dr. Axelrod alleged that Central Garden & Pet Company suppressed earnings to avoid paying Dr. Axelrod that compensation. Central Garden & Pet Company filed a countersuit alleging that the value of TFH Publications had been artificially inflated prior to their purchase of it. The two suits resolved with the court finding that Dr. Axelrod was due further compensation from Central Garden & Pet Company in the amount of

\$3.7 million, but also found that the value of TFH Publications had been inflated, and the court ordered Dr. Axelrod to pay Central Garden & Pet Company \$20.1 million.

But the payment of millions of dollars to Central Garden & Pet Company is only a part of Dr. Axelrod's legal woes. Questions began to surface regarding the provenance of the instruments he had donated to both the Smithsonian Institution and to the New Jersey Symphony Orchestra. It was found that while the instruments were all old and therefore valuable, they were not necessarily the specific instruments that he had represented them as, and therefore they were not as valuable as he had presented them to be. It was alleged that they had been assigned a higher value so as to increase the tax write-offs that Dr. Axelrod could claim as part of the donation.



In addition, investigations had also revealed that Dr. Axelrod had been funneling millions of dollars into Swiss bank accounts. Most people would argue that you have the right to place your money where you want, but unfortunately Dr. Axelrod wasn't paying taxes on that money. On April 23rd, 2004, Dr. Axelrod was indicted at the federal court in New Jersey. He then failed to appear on April 21st. It turns out that he had fled to Cuba, then traveled to Switzerland, and finally to Germany where he was arrested on June 15th, 2004. Following his arrest he was extradited back to the United States where, on March 21st, 2005, he was sentenced to 18 months in prison for tax fraud. He was released in October 2005 (with credit given for time served) and left the United States to settle in Switzerland after posting a \$50 million dollar bond to cover possible civil damages in the Smithsonian Institute / New Jersey Symphony Orchestra matters.

Criticisms

There is no doubt that when a person attains the personal wealth that Dr. Axelrod has, there will be those who, justifiably or not, challenge or criticize that person. This is certainly true of Dr. Axelrod.



As of 1965 Dr. Axelrod had been sued 14 times. He countersued in 13 of the instances and won every case. In the one he lost, in 1955, he was found guilty of reproducing illustrations from an earlier work by Dr. William T. Innes. However, as Dr. Innes was unable to establish that he had lost money due to Dr. Axelrod's use of the photos, no damages were awarded.

Regarding his negotiations with the New Jersey Symphony Orchestra, and commenting on a book he had published about the Golden Collection and the instruments valuations, Stefan Hersh, a dealer of musical instruments and a Professor of Music at Roosevelt University in Chicago, commented that "Axelrod is a typical vanity collector who doesn't know much about instruments."

In relation to his endeavours within the aquarium fish hobby there have been many who have criticized him. Alan Fletcher, a former professor at Cornell University once stated that "*Herb is not a qualified ichthyologist, his PhD is in biometrics. Although he is an expert on tropical aquarium fish, he has only written popular literature, never scientific papers. Scientists won't criticize him because he offered them opportunities to publish new work. In return, he managed to get many fish named after him.*" In an interview by Juan Miguel Azas published on the Cichlid Room Companion website in 2010, Heiko Bleher relates a story that in 1984 Dr. Axelrod stole his idea for a book of aquarium fish then known in the aquarium hobby. Mr. Bleher informs that he told Dr. Axelrod of his idea and a year later was surprised when Dr. Axelrod published his *Atlas of Freshwater Aquarium Fishes*. In another article, Ross Socolof – October 23, 1925 – October 20, 2009, published on Aquapress Bleher, Mr. Bleher's website, there are more mentions of how Dr. Axelrod cheated both Heiko Bleher and Ross Socolof.

Finally there is the story surrounding the Cardinal Tetra, *Paracheirodon axelrodi*. In 1952 this fish was discovered by Dr. Harold Sioli in a tributary of the Rio Negro in Brazil. Dr. George S. Myers and Stanley Weitzman studied the fish and prepared an article for the *University of Stanford Ichthyological Bulletin* proposing to name the fish *Hyphessobrycon cardinalis*. During the same time frame a shipment of these fish were sent to New York for sale. It is alleged that Dr. Axelrod saw these fish in a local fish store, purchased and then provided some to L.P. Schultz. Mr. Schultz in turn prepared and published an article in *Tropical Fish Hobbyist* naming the fish *Cheirodon axelrodi* in honour of Dr. Axelrod. The article was published on February 21st, 1956 in *Tropical Fish Hobbyist*. The article in the *University of Stanford Ichthyological Bulletin* was published on February 21st, 1956. Under the rules of the International Code of Zoological Nomenclature (ICZN), priority goes to the first published name. Therefore, since the article in *Tropical Fish Hobbyist* was published one day before the article in the *University of Stanford Ichthyological Bulletin*, the name stood as *Cheirodon axelrodi*. (In 1960 Dr. Jacques Grey erected the genus *Paracheirodon* and *Cheirodon axelrodi* became *Paracheirodon axelrodi*.)

However, it has been alleged (but never proven) that Dr. Axelrod moved the publication date of that particular issue of *Tropical Fish Hobbyist* back a few days so that the name presented therein took precedence.

Lasting Legacy



As you can see, there are certainly several instances where the actions of Dr. Axelrod appear to be quite questionable. Did he "steal" the name of the Cardinal Tetra? Perhaps. Was he guilty of dishonest dealings with the sale of TFH Publications, the sale of Stradivarius to the New Jersey Symphony Orchestra and the donation of Stradivarius to the Smithsonian Institution? It was deemed to be so by a court of law. Was he guilty of tax evasion? Again, he was found guilty of those charges.

Did he swim 10 miles across Lake Ontario? Who knows? Did he study under Albert Einstein? Did he meet and speak with Emperor Hirohito about marine invertebrates? Did he hunt jaguars in Brazil for use in a Walt Disney film? Again, all are stories told and may or may not have happened.

What we do know is that he started *Tropical Fish Hobbyist*, and then developed it into the most influential pet related publishing company in the world. While he may have overvalued Stradivarius and other musical instruments, he did sell or donate them to institutions where they could be used. He did donate fossils to the University of Guelph.

Dr. Herbert Axelrod has left a lasting impression on the aquarium hobby. For all the misdeeds he may have committed, he also furthered the hobby we all are so involved in, and by doing so, furthered us as aquarists.

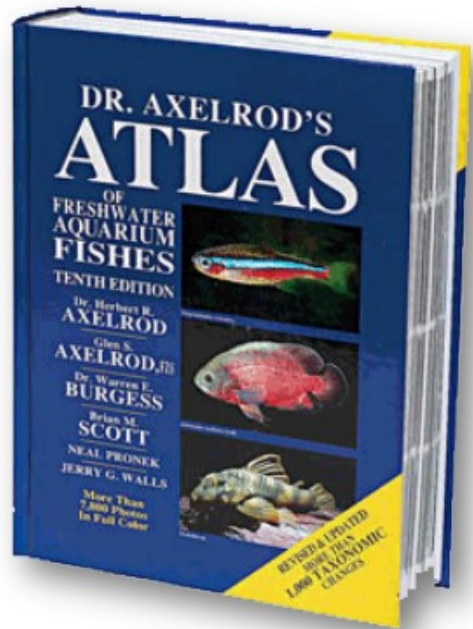
Selected publications written by Dr. Herbert Axelrod

- *Handbook of Tropical Aquarium Fishes*
- *Saltwater Aquarium Fishes*
- *Swordtails and Platies*
- *African Cichlids of Lakes Malawi and Tang*
- *Aquarium Fishes of the World*
- *Dr. Axelrod's Atlas of Freshwater Aquarium Fishes*

Fish Named in Honor of Dr. Axelrod

One genus of fish, *Axelrodia* (4 species) and sixteen species of fish have been named in honor of Dr. Herbert Axelrod. The species of fish are;

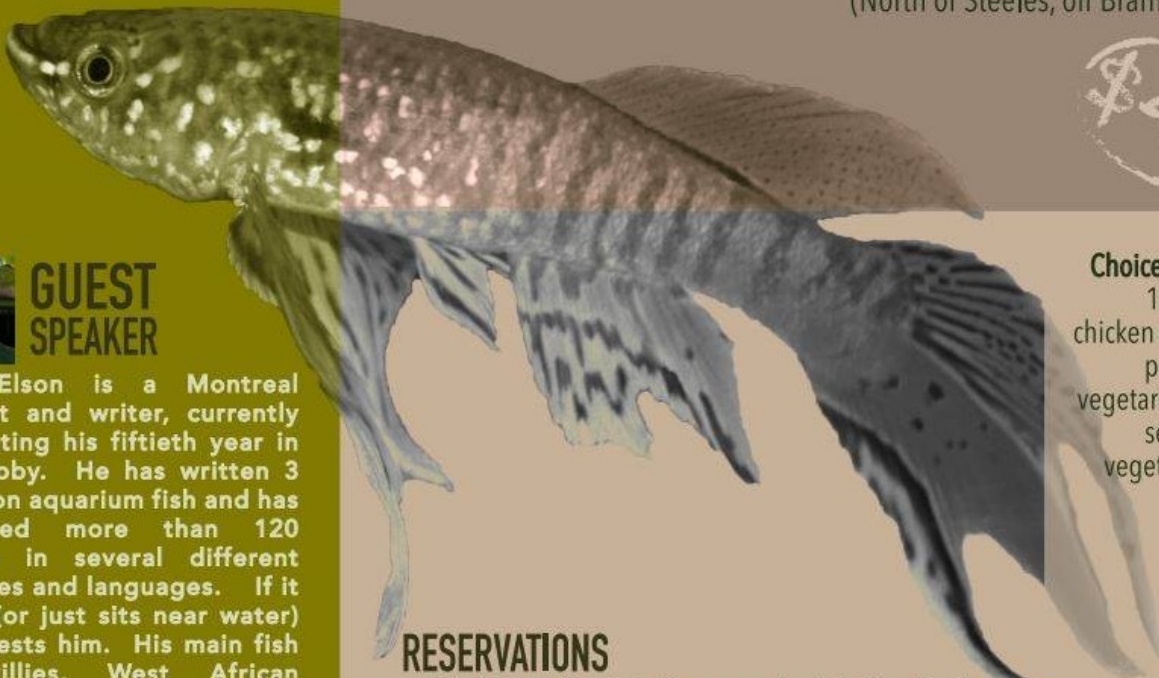
- *Brittanichthys axelrodi* (Blood Red Tetra)
- *Chilatherina axelrodi* (Axelrod's Rainbowfish)
- *Corydoras axelrodi* (Pink Corydoras)
- *Cynotilapia axelrodi*
- *Ecsenius axelrodi* (Axelrod's clown blenny [Marine])
- *Hyphessobrycon axelrodi* (Calypso Tetra)
- *Neolebias axelrodi* (Niger River Tetra)
- *Paracheirodon axelrodi* (Cardinal Tetra)
- *Paranochromis axelrodi*
- *Pseudogramma axelrodi* (Axelrod's Reef Bass [Marine])
- *Schultzites axelrodi* (Axelrod's Moenkhausia)
- *Stemarchorhynchus axelrodi* (Axelrod's Tube-Snouted Ghost Knifefish)
- *Sundadanio axelrodi* (Axelrod's Rasbora)
- *Varicorhinus axelrodi*
- *Hyphessobrycon herbertaxelrodi* (Black Neon Tetra)
- *Melanotaenia herbertaxelrodi* (Lake Tebera Rainbowfish)
- *Melanotaenia herbertaxelrodi* (Yellow Rainbowfish / Lake Tebera Rainbowfish)



SATURDAY
JUNE 10th 2017
COCKTAIL STARTS AT 6:30 PM
DINNER STARTS AT 7PM
SPEAKER AT 8PM

PRAC dinner & talk award ceremony auction of rare fish

at the Bramalea Lions Hall -45 Avondale Blvd, Brampton ON L6T 1H1
(North of Steeles, off Bramalea Rd)



\$45



**GUEST
SPEAKER**

Gary Elson is a Montreal aquarist and writer, currently celebrating his fiftieth year in the hobby. He has written 3 books on aquarium fish and has published more than 120 articles in several different countries and languages. If it swims (or just sits near water) it interests him. His main fish are killies, West African Cichlids, tetras, rainbows and livebearers.

Choice of dinner
1/2 roasted
chicken or roasted
pork loin or
vegetarian option
served with
vegetables and
roasted
potatoes

Cash bar

RESERVATIONS

contact Anne Daniels @ annemdaniels@outlook.com
or check our web site : <http://peelaquariumclub.org>

Who's Tank is That?



This 20 gallon high saltwater aquarium is home for a couple of ocellaris clownfish. It also houses a yellow clown goby and various soft corals. Green star polyps, anthelia, zoanthids and mushrooms can all be found in here. Hermit crabs and snails make up the cleanup crew, with an emerald crab added for good measure. No doubt about it. This small salty tank is home for many corals and critters.

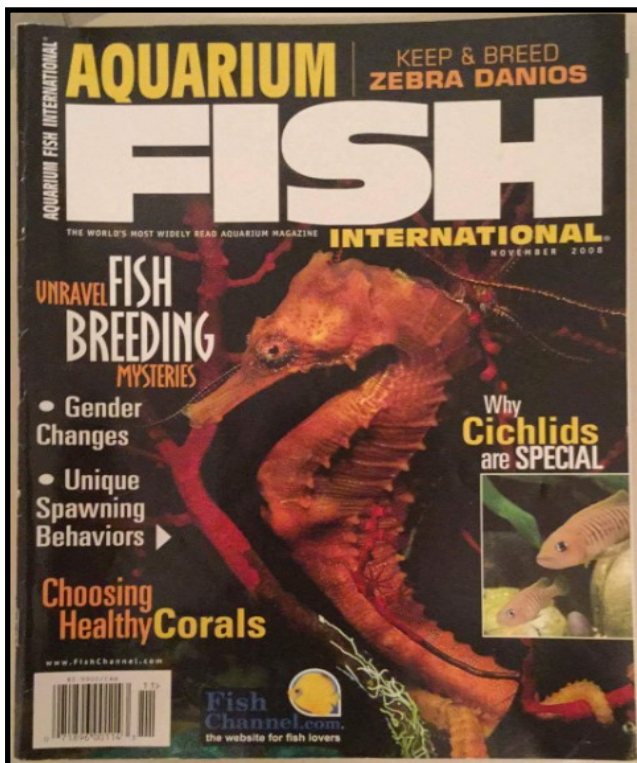
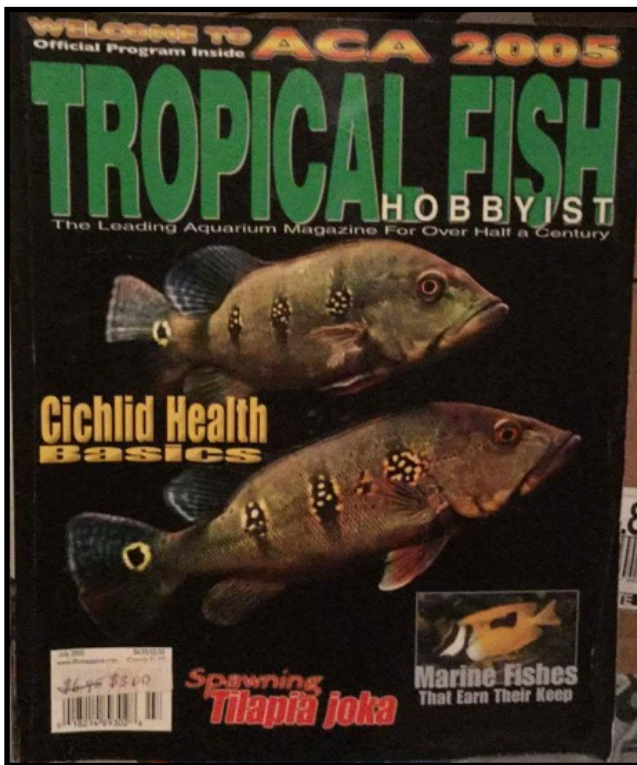
A 10 gallon sump is inside the stand and keeps the water flowing. It houses macro algae to help control nutrients. It also has a second "closed loop" pump with alternating outputs, achieving an artificial wave effect. A 15000K 150W metal halide is used for lighting and gives this tank an ocean like blue hue.

Can you guess who tank this is? Please send your guess to BRASSBulletin@gmail.com

The Tropical Fishroom Ltd. Brantford

From The BRASS Library

See something that interests you? Borrow these books from the BRASS Library. See Jeff if you're interested.



Photos of BRASS Library books provided by BRASS Librarian Spencer Gervan

BRASS Bulletin Board (Buy and Sell)

Want to buy, for sale, want to borrow etc...?

If you have something you want on the BRASS Bulletin Board, send your information to:

BRASSBulletin@gmail.com

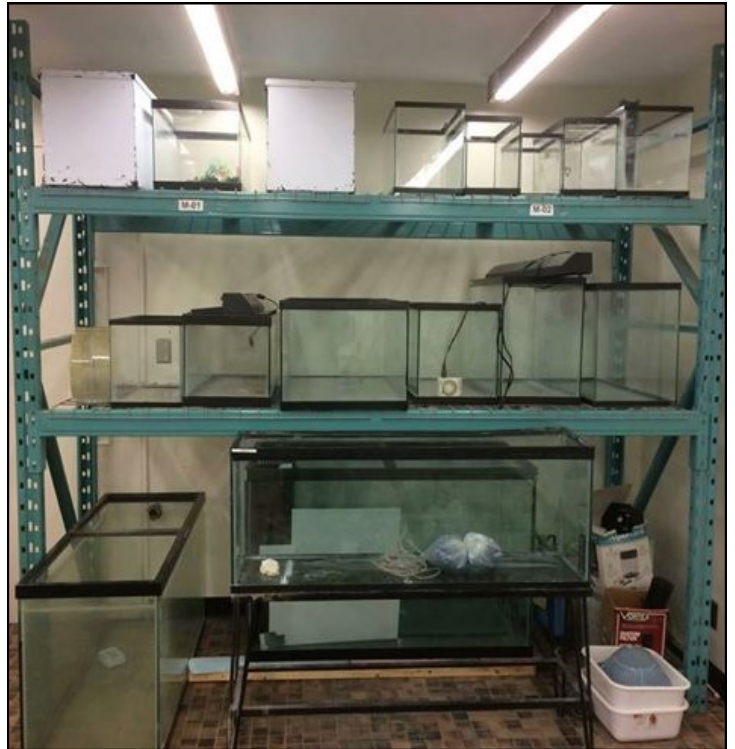
FLEMING COLLEGE IS LOOKING FOR AQUARIUM EQUIPMENT!

Facebook post to Durham Region Aquarium Society below



Ron Hill ▸ Durham Region Aquarium Society

Hello all, my name is Ron Hill, I work at Fleming College in Lindsay Ontario as a fish hatchery technician attached to the salmon hatchery and the aquaculture program here at the college. As part of our expansion this year we are beginning an aquarium program where students will learn the basics of ornamental fish, invertebrate and plant culture. We are unfortunately starting bare bones. We have a good amount of tanks and a good racking system but not much else. I am on the hunt for unwanted equipment- filters, heaters, light hoods and lights, tools and gravel or ornaments that are unwanted or too ugly for your setup. If anyone would like to donate to our



cause it would be greatly appreciated. We can also entertain some great deals on equipment. Once the program is up and running we will be actively trading off our organisms as we run out of space... really exciting time here at the college. Please let me know if anyone can help us get kick started. Thanks

To view post and to help by donating, visit:

[https://www.facebook.com/photo.php?](https://www.facebook.com/photo.php?fbid=10158166465065372&set=gm.1017907468314070&type=3&theater)

[fbid=10158166465065372&set=gm.1017907468314070&type=3&theater](https://www.facebook.com/photo.php?fbid=10158166465065372&set=gm.1017907468314070&type=3&theater)

BRASS IS STILL LOOKING FOR A WEBMASTER

If you're interested, please get in touch with Jeff Mountjoy, BRASS President.

We hope you enjoyed this month's BRASS Bulletin. Please send feedback to BRASSBulletin@gmail.com

Also, if you have any articles you have written or would like to share, please feel free to send them too!
We are always looking for more input from our membership.

Thanks for reading!



125 Gallon 6Ft Long Fish Tank
Aquarium Update Video

