



President	Diane Giangrande
Vice President	Ken Jett
Secretary	Chad Bishop
Treasurer	Robin Scott
Equipment Manager	Jim Dricker
Membership Chair	Melanie Onushko
Auction Chair	Gary Elmore
KOI Show Chair	Diane Giangrande, Ken Jett
Pond Tour Chair	Melanie Onushko
Public Relations	Cheryl Jacobs
AKCA Director	Gary Elmore
Volunteer Coordinator	Ken Jett
Editor	Bob Chaffer
Webmaster	Michael Anderson

March, 2018

By the Pond by Diane Giangrande

Hi All,

Thanks to all the panel members from last month's meeting at Atlanta Water Gardens - Joe Hatfield, Michael Anderson, Brad and Diana Mohs, Jim Dricker and Bob Chaffer. They all did a great job!

The auction is fast approaching and, as usual, we need lots of help. Please check out the Sign Up Genius and sign up if you can. See Ken's write up for more info and a special announcement for volunteers. If you haven't registered for your auction tank(s), please register here: <https://form.jotform.com/70255302898157> If you have any questions, please contact Gary Elmore. If you need bags to transport your fish to the auction you can get them at the March meeting for \$1 a bag.

Something new and exciting we are going to try at the show this year is a booth (or table at the store) for member made crafts. If you have another hobby that involves making things you'd like to sell, please let me know what it is and send some example pics if possible. Items must be approved before the show. This is still a work in progress, but there are a few guidelines to start with – first, this is for items that you make, not things that you find cleaning out your attic. Second, you will receive 75% of the purchase price and the club will receive 25%. Most importantly, your crafts will not be able to compete with anything our vendors are selling. The goal is to have a separate booth set up, but it will depend on if there is space remaining after all dry vendors have purchased their space. If there is no room we will have a separate table at the store. More details will follow, but if you have any questions or ideas of things you want to sell, please let me know.

I am happy to report that the Atlanta Koi Club is now a member of Koi Organisation International (K.O.I) As a member we receive the following:

As a Member Club, your benefits include:

Your Newsletter Editor has access to all K.O.I. Archived Articles and Blog Entries to help provide good content for your members

Access to Group Buys at Member prices. This means that members may take advantage of purchases made by K.O.I. that result in prices for meds and other things at prices typically significantly lower than retail.

- *KOI Guide - & Supplement(s) – for your club library*
- *Group Courses at HALF PRICE for any \$25 course (minimum 6 students, no maximum)*
- *Group LAB at \$40 per Student (minimum 3 students, no maximum)*
- *1 PRESENTATION to the club by a KOI instructor via Skype*

The March meeting will be at Coastal Pond – Ken will have more info below. Hope to see you all there!

Thanks, Diane

Meeting Locations, Speakers, & Volunteers Both Needed

Thanks again to Atlanta Water Gardens for hosting the previous meeting and to the expert panel that responded to member questions. We were unable to get to all of the questions submitted and I encourage those of you who did not hear responses to yours to post them on our Facebook page. Most of the member experts who were on the panel are active on our page.

With only a couple of members responding to the call to host the upcoming meeting (and both had hosted in the previous quarter), despite having made contacts at several businesses, finding a location was difficult. In reviewing the past calendars it looks as though securing locations early in the year has always posed issues. I still need to find locations for every single meeting this year except for the socials.

If you would like to host a meeting or know a professional speaker, please contact me. I've received several suggestions for locations but most would require out of pocket money from members to attend (public gardens, aquariums, banquet halls). I now understand why we relied so heavily on a couple of locations in the past.

Upcoming Meeting

The upcoming meeting on Sunday, March 18th (2 pm meeting, 1 pm executive board) will be held at Coastal Pond Supply (2110 Tucker Industrial Rd, Tucker, GA 30084). Bill has graciously offered his space as in the past. I've talked him into giving a small presentation on dividing lotus for those of us who were unable to attend his recent event. We will also be discussing transporting koi, which is timely given that the auction is on April 21st.

Auction Volunteers Needed

With the AKC Auction slated for Saturday, April 21st, we need member volunteers to make it happen. I'm hoping that this year's event will be more successful and more fun and I saw many of you having fun last year!

While many see the auction as a way to easily re-home fish, plants, and equipment that they no longer need OR to find some great quality items to take home, the truth is that the auction is our major fundraiser that defrays the costs of our annual show. Both events depend on member volunteers to happen and the events are tantamount to the club's mission because both allow for public outreach and education.

To this end, we need members to find something that they can do to help with this event. Many of you already signed up. To encourage volunteer participation, Gary Elmore will be providing 10-15 of his koi for a volunteer raffle. You must have volunteered to be entered into the raffle and you must be present to win. Please visit the volunteer roster to volunteer to support your club! The roster can be found at:

<http://www.signupgenius.com/go/4090445a5a629abf49-2018>

Reach out to me as needed about any of the above. Thanks in advance for your dedication to and support of the club's mission.

Ken Jett
Vice President, Volunteer Coordinator, Koi Show Co-Chair



AUCTION

April 21, 2018

Koi, goldfish, plants
and equipment

Registration and viewing – 10:00 AM

There will be a **free** raffle for all registered bidders for a chance to win a fish (10 fish available – must be present to win)

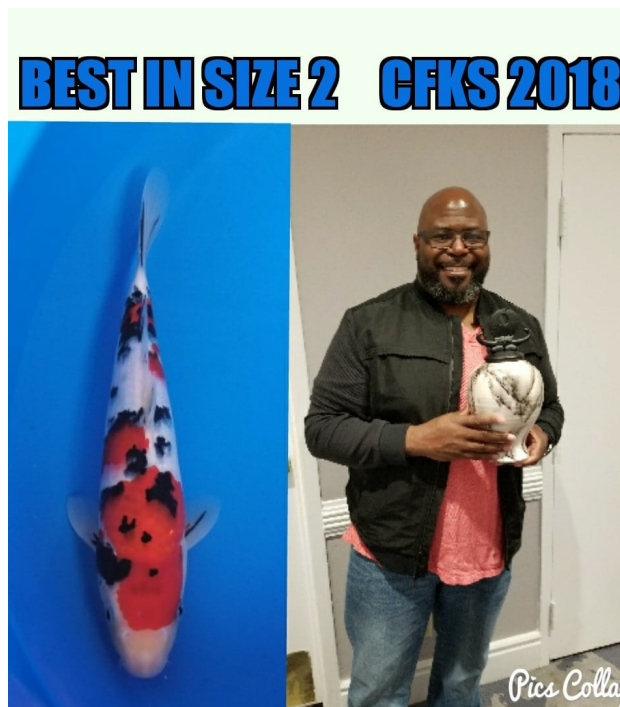


Coastal Pond Supply

2110 Tucker Industrial Rd
Tucker, GA 30084

Congratulations to several of our members who won awards for best fish in the Orlando Koi show of March 10th!

Tsubaki Champion Kyle Brech
Best Size 2 James Story
1st place Size 1 Kohaku Gary & JoAnn Elmore
2nd place Size 1 Kohaku Ken Jett
1st place Size 2 Sanke Gary & JoAnn Elmore
1st place Size 2 Showa Gary & JoAnn Elmore
1st place Size 1 Kowarigoi Ken Jett
3rd place Size 1 Kowarigoi Ken Jett
3rd place Size 1 Gin Gin A Ken Jett
2nd place Size 1 Gin Gin B Ken Jett
2nd place Size 2 Hikari Moyo Diane Giangrande
1st place Size 1 Hikari Utsuri Gary & JoAnn Elmore
1st place Size 1 Hikari Muji Ken Jett



Sign-up Time for the Koi Auction

It's that time of year again! We need your help at the annual AKC Auction. This major fundraiser allows members to sell their fish, plants, or equipment to the public (and each other) while helping the club raise much needed funds to help pay for the annual show.

We need member volunteers to make this event happen! This year to encourage volunteering, Gary has offered up 10-15 of his fish to be raffled off to the volunteers at the conclusion of the event. You must be present to win.

The signup roster can be found at:

<http://www.signupgenius.com/go/4090445a5a629abf49-2018>

If you have issues with the website, please contact me directly at kenjettmiami@gmail.com or leave a message on my cell at 816-225-8690.

Thank you as always for your hard work and support! Let's make this year's event more successful than last year's while having even more KOI FUN!

Your Volunteer Coordinator,
Ken Jett

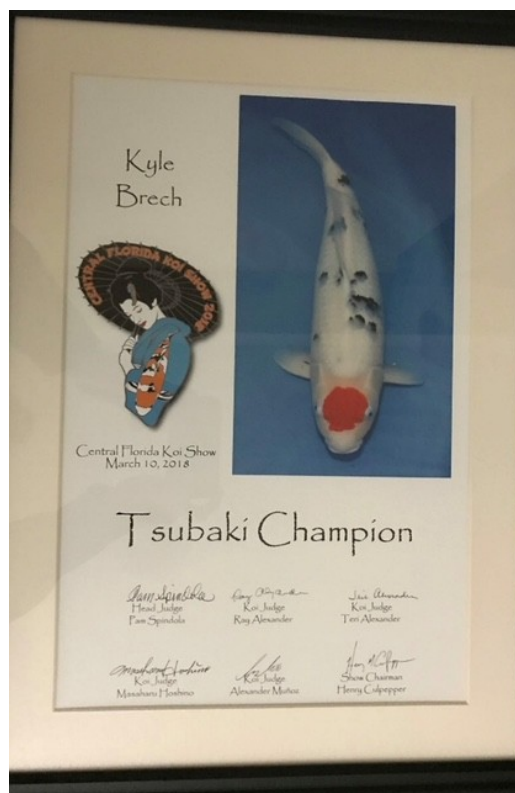
Editor's Comments on Salt Concentrations versus freeze-point

Last month's issue of our Newsletter contained an article concerning the question of whether or not the addition of salt into a pond would help to prevent bursting of pipes during a hard-freeze period. The gist of the article showed that low concentrations of salt will hardly change the freezing point of water, and that it would not be a valid reason to add salt.

Note, however, that the discussion referred to concentrations of 3%. A slip of the decimal place actually should have been 0.3% as a maximum of salt in a pond. As such, the lowering of the freezing point of a 0.3% solution would depress the freezing point of water only to 31.7F.

The following page further helps to clarify the confusing calculations concerning decimals, ppm, and %, and is well worth the reading.

Congratulations to Kyle Brech for his win at The Central Florid Koi Show with this beautiful Tancho Sanke supplied by The Koi Store.



Keep Track of Those Units

Norm Meck— Koi Orgainsation International

We all know that anything (except zero) divided by itself equals 1. The same applies to units that we use during conversions from one form of notation to another. Pounds divided by pounds = 1 (with no units), grams divided by grams = 1, and gallons divided by gallons = 1, etc. But pounds divided by gallons = pounds per gallon (just another way of saying pounds divided by gallons) and pounds of salt divided by pounds of water = pounds of salt per pound of water. When we multiply or divide, the units also multiply and divide. If we divide pounds by pounds per gallon, we end up with just gallons. The pounds divided by pounds = 1 which has no units and dividing by 1 over gallons is just gallons. Another key to look for is when dividing by a fraction is the same as inverting (interchanging the numerator and denominator) and multiplying. That means that dividing by pounds per gallon is the same as multiplying by that same number of gallons per pound.

When we add or subtract, we can only add or subtract values that have the same units. For example, it would not make sense to try and add 1 pound of salt and 1 gallon of water. We could, however, just work with pounds and add 1 pound (of salt) to 8.33 pounds (of water) and end up with 9.33 pounds (of a salt and water mixture). If we are going to add something measured in grams to something measured in pounds, we have to convert them into some common set of units, i.e. convert the grams to pounds or the pounds to grams, or perhaps convert both to ounces. Just as we keep track of the values during a calculation, we must also keep just as accurate track of the units. If we multiply 1 gallon of water by 8.33 pounds per gallon of water, we get 8.33 as the value but what are the units? Note the units "gallon of water" are being divided by each other and hence, "cancel out", i.e. when gallon of water is divided by gallon of water, it is one and those units "go away". There is nothing to cancel out the pounds so the resulting answer is 8.33 pounds. The same holds true during any conversion.

We know that 1 milliliter of water weighs 1 gram so we sometimes take a shortcut and just say we have 1 gram of water when it is convenient. This is OK as long as it is realized that what we are really doing is multiplying 1 milliliter by 1 gram per milliliter (or dividing 1 milliliter by 1 milliliter per gram). The milliliter units cancel out and we are left with just grams. Watching those units closely can also help us determine how to make a conversion. We know that 1 pound of water weighs 8.33 pounds or we can say we have a conversion factor of 8.33 pounds of water per gallon. So, to convert 5000 pounds of water to gallons, should we multiply or divide by our conversion factor? If we multiply, our units come out as pounds of water squared over gallons. Definitely, not what we are looking for. If we divide 8.33 pounds of water per gallon by 5000 pounds of water, our units are "per gallon" (or one over gallons) which is not what we are looking for either. But, if we divide 5000 pounds of water by 8.33 pounds of water per gallon, the pounds of water units cancel out and we are left with gallons as units which indicates we properly made the conversion and 5000 pounds of water is equal to 600 gallons of water.

When we are talking about parts per million, it is implied that what we are really saying is parts per million parts. The units are one part divided by 1,000,000 parts. But what are parts? Whether ppm, ppt, or %, for almost anything we are concerned with, parts is a unit of weight. It can be pounds or ounces or grams or kilograms but parts must refer to the same weight measure. 1 gram per million grams but not 1 gram per million ounces. Note that the parts "cancel" out so what this means is we are talking about a ratio that has no units. Parts per million parts is the same as dividing by one million. One part per million is really just a number without units equal to 0.000001. If we want to convert 5 ppt (5 parts divided by one thousand parts) to ppm (parts divided by one million parts), we can see that 1 part per thousand is equal to 1000 parts per million or there are 1000 ppm per ppt. So we multiply 5 ppt by 1000 ppm per ppt. The ppt "cancel out" and we are left with a value of 5000 with units of ppm. Note that all we are doing with ppt, ppm, or % is trying to make the value easier to discuss and/or write down and it just indicates where the decimal point is located. Saying 1 ppm is the same as saying 0.000001 or 0.0001% or 0.001 ppt, Similarly, writing 1% is the same as if we wrote 10 ppt or 10000 ppm.

Koi Club meeting at Atlanta Water Gardens

Our February meeting was very well attended. After a pizza buffet, several members discussed answers to many of the problems encountered by members. It seemed that nobody likes blue herons! Also presented were experiences on plantings, fish care, and photography.



Officers' meeting



Ken Jett starting the meeting off.



Jim Dricker discussing the best camera settings for taking pictures of Koi in a pond under various lighting



ATLANTA KOI CLUB

11 February 2018 – Atlanta Water Gardens – Atlanta, GA

Topic: Expert panel question and information

Attendance: 31

Monthly Officer Meeting Minutes

Executive Officers:

Office	Name	Term	Present
President	Diane Giangrande	2016-2018	X
Vice-president	Ken Jett	2018-2020	X
Secretary	Chad Bishop	2016-2018	X
Treasurer	Robin Scott	2018-2020	X
Equipment Manager	Jim Dricker	2017-2018	X

Appointed Chairpersons:

Committee	Name	Present
2018 Auction	Gary Elmore	
2019 Pond Tour	TBA	
2018 Show	Diane Giangrande	X
	Ken Jett	X
Membership	Melanie Onushko	X
Web Master	Michael Anderson	X
Newsletter	Robert Chaffer	X
AKCA Director	Gary Elmore	
Publicity	Chery Jacobs	
Volunteers	Melanie Onushko	X

Discussed Proposed budget for 2018:

- Questions about misc amounts in budget proposal discussed

- Koi bucks – update expiration dates – Melanie O

- General discussion about Koi Show rates for vendors

- Discussion about transportation of tanks and supplies for auction and show events

Robin Scott made a motion to except the proposed budget as presented with exception of details which may be adjusted in future.

2nd by Diane Giangrande

Passed unanimously

General discussion about member booth for craft sales at the annual show

- No charge to member but 25% of sales go to AKC.

- Exception would be any craft/ product that would directly compete with vendor booths

Discussed facebook admin rights for changes made to the AKC account.

Robin Scott recommended to have “church fans” printed for the Auction that have dates of Auction and AKC Show dates printed to give out.

Chad Bishop made motion to adjourn.

2nd Diane Giangrande

Passed unanimously

Member Meeting Minutes

January meeting was held Atlanta Water Gardens in Atlanta Georgia. The general discussion included talking with club experts about submitted questions about general koi keeping. Topics covered include:

Picking quality fish and how to grow them

List of toxic plants (1 page handout given to members)

Fish loss through predation (Blue Herons)

Water quality issues and water testing for ammonia, pH and kH.

A reminder about AKC Annual Koi Auction on April 21st at Coastal Pond was announced.

Diane Giangrande mad a motion to accept the changes to by-laws as presented , recognizing there may need to be small amendments made in the future. This will be done by a 10 day notification and a separate vote to pass.

2nd by Robin Scott

Motion passed unanimously.

New members were welcomed. Melanie Onushko will be notifying new members of their mentor’s name.

Please send corrections or updates to Chad Bishop at chadbish@gmail.com with “AKC Meeting Minutes” in the subject line.

No corrections were identified in last month’s minutes.

**Please remember our Sponsors:
Pondscapes of Atlanta and The Koi Store**



Atlanta Koi Club
Financial Statement
Year to Date
As of February 28, 2017

BEGINNING CHECKING ACCOUNT BALANCE: **\$10,141.78**

INCOME STATEMENT

Income

2500 Misc.			\$618.00
2510 Donations		\$520.00	
Raffle -			
Monthly Meet-			
2545 ing		\$98.00	
2700 Membership			\$537.00
Membership			
2720 Badges		\$31.00	
Membership			
2730 Dues		\$454.00	
Koi USA Sub-			
2735 scription		\$52.00	

Total Income

\$1,155.00

Expenses

100 Dues			\$100.00
150 Koi Society		\$100.00	
500 Koi Show			\$492.00
510 Show Awards		\$142.00	
Vendor Partica-			
525 pation Refund		\$350.00	
700 Misc.			\$129.54
Food for			
Monthly Meet-			
740 ing		\$129.54	
1000 Raffle			\$29.95
Monthly Meet-			
ing Raffle			
1030 Items		\$29.95	
1300 Membership			\$225.00
Member Badge			
1310 Cost		\$175.00	
Koi USA Sub-			
1325 scriptions		\$50.00	
1400 Bank			\$26.55
1466 PayPal		\$26.55	

Total Expenses

\$1,003.04

Month Net Income/(Loss)

\$151.96

ENDING BALANCE:

\$10,293.74

Outstanding Checks:

\$1,295.86

09/07/16	EFT	\$65.00		02/11/18	EFT	\$29.95
10/08/16	1311	\$16.85		02/12/18	EFT	\$142.40
10/24/16	EFT	\$216.00		02/23/18	EFT	\$6.44
10/03/17	EFT	\$107.17	10	02/26/18	EFT	\$100.00
12/31/17	EFT	\$262.05		02/26/18	1359	\$350.00