



# KOI CLUB OF SAN DIEGO NEWSLETTER©

July 2020

Volume: 20 Issue 7

Po Box 22833

San Diego, CA 92192

www.koiclubofsandiego.org



## We the People

of the United States, in order to form a more perfect Union, establish Justice, insure domestic Tranquillity, provide for the common defence, promote the general Welfare, and secure the Blessings of Liberty to ourselves and our Posterity, do ordain and establish this Constitution for the United States of America.

### Article 1.

Section 1. All legislative Powers herein granted, shall be vested in a Congress of the United States, which shall consist of a Senate and House of Representatives.

Section 2. The House of Representatives shall be composed of Members chosen every second Year by the People of the several States, and the Electors in each State shall have the Qualifications requisite for Electors of the most numerous Branch of the State Legislature.

No Person shall be a Representative who shall not have attained to the Age of twenty five Years, and been seven Years a Citizen of the United States, and who shall not, when elected, be an Inhabitant of that State in which he shall be chosen.

Representatives and direct Taxes shall be apportioned among the several States which may be included within this Union, according to their respective Numbers, which shall be determined by adding to the whole Number of free Persons, including those bound to Service for a Term of Years, and excluding Indians not taxed, three fifths of all other Persons. The actual Enumeration shall be made within three Years after the first Meeting of the Congress of the United States, and within every subsequent Term of ten Years, in such Manner as they shall by Law direct. The Number of Representatives shall not exceed one for every thirty thousand, but each State shall have at least one Representative, and until such Enumeration shall be made, the State of New Hampshire shall be entitled to choose three, Massachusetts eight, Rhode Island and Providence Plantations one, Connecticut five, New York six, New Jersey four, Pennsylvania eight, Delaware one, Maryland six, Virginia ten, North Carolina five, South Carolina five, and Georgia three.

When Vacancies happen in the Representation from any State the Executive Authority thereof shall fill such Vacancies.

The House of Representatives shall choose their Speaker and other Officers; and shall have the sole Power of Impeachment.

Section 3. The Senate of the United States shall be composed of two Senators from each State, chosen by the Legislature thereof, for six Years, and each Senator shall have one Vote.

Immediately after they shall be assembled in Consequence of the first Election, they shall be divided as equally as may be into three Clases. The Seats of the Senators of the first Class shall be vacated at the Expiration of the second Year, of the second Class at the Expiration of the fourth Year, and of the third Class at the Expiration of the sixth Year, so that one third may be chosen every second Year; and if Vacancies happen by Resignation, or otherwise, during the Term of the Legislature of any State, the Executive thereof may make temporary Appointments until the next Meeting of the Legislature, which shall then fill such Vacancies.

No Person shall be a Senator who shall not have attained to the Age of thirty Years, and been nine Years a Citizen of the United States, and who shall not, when elected, be an Inhabitant of that State, for which he shall be chosen.

The Vice President of the United States shall be President of the Senate, but shall have no Vote, unless they be equally divided.

The Senate shall choose their other Officers, and also a President pro tempore, in the Absence of the Vice President, or when he shall exercise the Office of President of the United States.

The Senate shall have the sole Power to try all Impeachments. When sitting for that Purpose, they shall be on Oath or Affirmation. When the President of the United States, the Chief Justice shall preside: And no Person shall be convicted without the Concurrence of two thirds of the Members present. Judgment in Cases of Impeachment shall not extend further than to removal from Office, and disqualification to hold and enjoy any Office of Honor, Trust, or Profit under the United States; but the Party convicted shall nevertheless be liable and subject to Indictment, Trial, Judgment, and Punishment, according to Law.

Section 4. The Times, Places and Manner of holding Elections for Senators and Representatives, shall be prescribed in each State by the Legislature thereof; but the Congress may at any time by Law make or alter such Regulations, except as to the Places of choosing Senators.

The Congress shall assemble at least once in every Year, and such Meeting shall be on the first Monday in December, unless they shall by Law appoint a different Day.

Section 5. Each House shall be the Judge of the Elections, Returns and Qualifications of its own Members, and a Majority of each shall constitute a Quorum to do Business; but a smaller Number may adjourn from day to day, and may be authorized to compel the Attendance of absent Members, in such Manner, and under such Penalties, as each House may provide. Each House may determine the Rules of its Proceedings, punish its Members for disorderly Behaviour, and, with the Concurrence of two thirds, expel a Member.

Each House shall keep a Journal of its Proceedings, and from time to time publish the same, excepting such Parts as may in their Judgment require Secrecy; and the Yeas and Nays of the Members of either House on any Question shall, at the Desire of one fifth of those Present, be entered on the Journal.

Neither House, during the Session of Congress, shall, without the Consent of the other, adjourn for more than three Days, nor to any other Place than that in which the two Houses shall be sitting.

Section 6. The Senators and Representatives shall receive a Compensation for their Services, to be ascertained by Law, and paid out of the Treasury of the United States. They shall in all Cases, except Treason, Felony and Breach of the Peace, be privileged from Arrest during their Attendance at the Session of their respective Houses, and in going to and returning from the same; and for any Speech or Debate in either House, they shall not be questioned in any other Place.

No Senator or Representative shall, during the Term for which he was elected, be appointed to any civil Office under the Authority of the United States which shall have been created, or the Emoluments whereof shall have been increased during such Term; and no Person holding any Office under the United States shall be a Member of either House during his Continuance in Office.

Section 7. All Bills for raising Revenue shall originate in the House of Representatives; but the Senate may propose or concur with Amendments as to other Bills.

Section 8. All Bills which shall have passed the House of Representatives, and the Senate, shall, before it becomes a Law, be presented to the President of the

## OFFICERS

<b>PRESIDENT:</b> Al Pierce	(619) 427-9008	president@koicsd.org
<b>First VP-PROGRAM:</b> Linda Pluth	(619) 200-4146	program@koicsd.org
<b>Second VP-VENUE:</b> Matt Rhoades	(619)517-8270	venue@koicsd.org
<b>SECRETARY:</b> Phyllis Spoor	(858) 292-4857	secretary@koicsd.org
<b>TREASURER:</b> Dr. Jessica Lynch	(619) 3 70-8045	treasurer@koicsd.org

## PHONE

## EMAIL

### Koi Person of The Year 2020 Scotty Yee

#### APPOINTED OFFICERS

<b>SHOW CHAIRMAN 2020:</b> Matt Rhoades	(619)517-8270	show@koicsd.org
<b>Webmaster-:</b> Jerry Myers	(619)405-8908	webmaster@koicsd.org
<b>Co-Webmasters-:</b> Greg Ruth & John Svelan		webmaster@koicsd.org
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<b>NEWSLETTER:</b> Jerry Myers	(619) 405-8908	newsletter@koicsd.org
<b>AKCA REPRESENTATIVE:</b> Scotty Yee	(714)943-3906	akcarep@koicsd.org
<b>CLUB HISTORIAN:</b> Dr. Galen Hansen	(619) 440-2035	historian@koicsd.org
<b>PROPERTY MANAGER:</b> Al Pierce	(619) 427-9008	property@koicsd.org
<b>LIBRARIAN AND KOI HEALTH ADVISOR:</b> Koi Jack Chapman	(619) 669-0490	health@koicsd.org
<b>FINANCIAL REVIEW CHAIRMAN:</b> VACANT		finance@koicsd.org
<b>CORRESPONDENCE SECRETARY:</b> Shirley Elswick	(619) 222-9825	correspondence@koicsd.org
<b>JAPANESE FRIENDSHIP GARDEN LIAISON:</b> Linda Pluth	(619) 200-4146	jfg@koicsd.org

#### MEMBERS AT LARGE

John Svelan Tamsie Pierce

#### HELPING HANDS

<b>WATER QUALITY:</b> Jack Chapman	(619) 669-0490	waterquality@koicsd.org
<b>KOI HEALTH ADVISOR:</b> Jack Chapman	(619) 669-0490	health@koicsd.org
<b>PROGRAM SUGGESTIONS: :</b> Linda Pluth	(619) 200-4146	program@koicsd.org
<b>TO HOST A MEETING:</b> Matt Rhoades	(619)517-8270	venue@koicsd.org
<b>TO SUBMIT AN ARTICLE:</b> Linda Pluth	(619) 200-4146	input@koicsd.org

# CALENDAR of EVENTS

## Committee Meetings

Due to the Corona Virus  
(COVID-19)

**Steering committee Meetings**  
are canceled until further  
notice.

If there is club business to  
contend with please notify the  
club president at

**president@koicsd.org**

*The Club has been holding  
Steering Committee Meet-  
ings on Zoom for more info  
contact Tamsie by email at  
tamsie@cox.net*

### WELCOME NEW MEMBERS

Bill & Jeanette Newell

Deborah Szekely

Jain Malkin & Gary Watson

### WELCOME RENEWING MEMBERS

Vivian Blackstone

Buck & Robyn Buckles

Keith & Tina Burgess

Vince Hernandez

Bill & Jeanette Newell

Jain Malkin & Gary Watson

Joseph & Jennifer Megow

## General Meetings

Due to the Corona Virus  
(COVID-19)

**General Meetings**  
are canceled until further  
notice.

### Corona Virus

### COVID-19

### CDC

In case you haven't  
figured it out yet.

Click here

KOI CLUB  
OF  
SAN DIEGO 33rd  
ANNUAL KOI SHOW  
PICTURES  
BY  
BILL NEWELL

Click text



NEW WEBSITE IS UP AND  
RUNNING

## Upcoming Events 2020

**No General Meeting until  
FURTHER NOTICE**

**Most if not all upcoming  
Koi SHOWS  
have been put on hold or  
canceled  
PLEASE  
check the venue before you  
make plans**

KOI CLUB  
OF  
SAN DIEGO 33rd  
ANNUAL KOI SHOW  
PICTURES  
BY  
PHYLLIS SPOOR  
aka SPARKLY HAT

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Inquiries concerning our  
Treasurer's report  
should be directed to:  
treasurer@koicsd.org



# The President's Corner

## July 2020

By now we have all survived in one fashion or another this utterly unprecedented chunk of history. It's not been the violence of upheaval or war, but an invisible unbalancing of life and routine. We've taken precautions against something we cannot see or physically grasp but is as real as the disasters our parents and grandparents have dealt with. Only their disasters, most of history's disasters, have been more graphic with visible invasions.

Thank goodness for our koi pond. One known thing. One stable, physical thing against all the uncertainty of working through an immediate future of constant change controlled by invisible disease and confusion of social events. At least we have some source of stability with our koi. We've experienced things already — before — in the past as we found time to sit by the pond and do our pond keeper's job: observe the fish, recognize the calm they bring, accept the peace their calm brings.

You have no doubt seen the email request to write your state representatives about financial support for the Fairgrounds. For many years the fairgrounds has been the site of our koi show — a central location to hold the show within comfortable travel distance for not only San Diego members, but also LA and locations further away. The property itself is owned by the State of California, so our letters, whether they address just the show or all the Fairgrounds' activities — Fair and pet shows and home and garden shows and all the rest — reinforce the general need for the property funding. Thank you for your voice in this.

With the gradual loosening of the health restrictions, we hope to have a meeting in the near future. There will need to be changes, of course. Social distancing with our chair placements. Masks most likely. And instead of the mouthwatering potluck, a snack and drink from home if you need it.

And finally, Elections of the Steering Committee Officers (President, VP of Venue, VP of Program, Secretary and Treasurer) need to be held. Very possibly by Mail in Ballot. Officially the current Steering Committee Officers left their positions as of June. If you have any interest in filling any of the elected positions, please contact the current (lame duck) office holder for a job description and let them know your interest in volunteering.

Stay safe!!!!

Al Pierce

Koi Club

of

San Diego President



# Notes from the Board

**June 2020**

**Phyllis Spoor**

**Fun Filled Koing**



In this time of Stay At Home and Covid 19, our club President Al Pierce is being very progressive and interactive.

**W**e conducted our June Steering Committee meeting via Zoom with each of the attendees signing in with their interactive pictures on the screen. Present for the meeting was Al Pierce, Tamsie Pierce, Matt Rhoades, Phyllis Spoor, Jack Chapman, Greg Ruth, Ben Adams, Will Vukmanic and Lenore Wade. Very lively meeting with everybody chiming in.

**D**ue to the virus there will be no monthly on site koi meetings. Your koi officers and fellow members remain available for information, help or anything you want to share. If you have any pictures of your koi, pond or information/questions you want to share please contact Jerry Myers or one of the officers. Pictures/information/articles for the newsletter are due to Linda by the 10th of the month.

**K**OI USA has ceased publishing due to lack of advertisers and subscribers. KOI USA will refund money to advertisers for paid ads that were not published. AKCA will continue their other activities-Seminars, Certification programs and insurance coverage for our meetings.

**2021** Show on hold due to a lack of chairman and Covid 19. At this moment the Fairgrounds are closed and we do not know when they will open. Nobody is booked yet for the March 2021 weekend when we usually hold the show. To book now we would have to make a substantial deposit. Discussion of other possible venues with Will Vukmanic volunteering to check out the village in Mission Bay as a possible site. Jack Chapman suggested holding the show at the Fairgrounds during the spring flower show. Scotty Yee brought up the possibility of holding a virtual show. A club in the USA and one in the United Kingdom is doing that. Cost to hold the fair at Del Mar Fairgrounds in 2021 is about \$21,000. The steering committee is exploring other options. Some of our vendors that support the show are going out of business or not doing well and will be unable to support us next year.

**T**he JFG is still closed. The tea café by the entrance is open. We will continue to do the upper pond weekly cleaning. Jack Chapman will be available for upper pond issues.

**D**el Mar Fairgrounds Kia Bell Johnson reported that the Fairgrounds is closed and might be permanently closed due to lack of funding. She asked us to contact our representatives (send letters) asking for \$20million in emergency funding. She wanted our members to send letters.

**T**op rate KOI from Japan will be available to people in the US without going to Japan. Due to the virus people could not travel to Japan for the spring pull, show, auction. A number of very beautiful high quality Tosai were shipped to the US. Scotty Yee has information on them.

**O**ur Non Profit status is still on hold.



**KHA KORNER**  
by  
“KOI” Jack Chapman  
**Early Summer Hodgepodge**

This is mostly a reprint of a 2016 article with a little updating and my current feeding plan for this summer, but still relevant to today's koi hobbyist. So now that pond temps are in the lower 70's – What's a koi pond owner to think about?

Good time to review your feeding plan for summer. Should be feeding a couple times a day now with the lower protein levels (38% and below) and after you hit 72F increase feeding to three times a day and increase the protein level for summer feeding .

**How much to feed?** Well, make a list of your koi and their individual estimated length. Good to catch and measure a koi that's in the middle for length in your koi collection as a 'go by' for other koi and go to the koi measurement chart. Even a good thing to pick this time (or fall) of year to record the length of all your koi – should do once a year for good record keeping and evaluation of all the stuff you do with your pond and koi. I personally do it in the fall to record the results of the summer feeding schedule. So once you have the total weight from the charts I do a 15% plus-up for females over 18 inches and a 15% reduction for males over 18 inches to get a more accurate total fish weight. As anal as I am, I've not weighed each of my koi – but I've thought about it LOL. So feed at 1% of total weight to basically maintain and maybe get a little growth; 2% for moderate growth and good health; and 3% for max growth and good health. This is suggested for ponds with koi of multiple lengths and a wide range from smallest to largest and a range of ages. The feeding schedules for same size and age is different and for another time. For example the above general schedule would call for a pond with say 50 pounds of estimated koi total weight would be: 50lbs = 800 ozs and 1% would be 8ozs of food daily - 2% would be 16ozs of food daily – and 3% would be 24ozs of food a day. As a general statement if your koi collection is mostly under 3 years of age, I would suggest the 3% plan and if mostly 3 to 6 years old the 2% plan and if mostly over 6 years old you could try the 1% schedule but I would recommend not going below 1.5%. The above is for processed koi pellet food. I do not use it when I feed Manda-Fu or edamame for that matter.

**The five minute feeding time is a good general rule.** If you still see food on the surface after 5 or 6 minutes then think about cutting back on the volume.

**Got any koi food (processed koi pellets) over a year old** – get rid of it!! Why? Because the Vitamin C that is essential for absorption is virtually gone at that point.

**Remember to keep an eye on the early morning poop watch.** If you see a lot of feces on the bottom of your pond then you are overdoing the amount and maybe the protein level and I suggest you cut back a little. I use this tidbit (BIG TIME) to evaluate my current feeding schedule!!

**So now that the summer feeding plan is in place don't forget that your water quality will deteriorate faster;** with more food and higher protein you get more ammonia to deal with and with the same pond parameters (filter capabilities) and another year's growth and maybe more koi than last year the rate of water quality deterioration will be shorter and you could exceed your filtration capabilities leading to koi health issues to include fish loss. Good time to review your maintenance schedule and your water quality readings and if your test kits are more than a year old you should consider replacement of said test kits. Don't forget your pond journal and recording your test results.

**That said** - This is how I personally think about summer and what my plan is for this summer. The key to koi health (any season –especially summer) is good water quality and pond water temperature is one of the key factors. Koi can survive in water from 35 to 95 degrees Fahrenheit, but prefer 65-77F. Koi are suspected to suffer additional stress when pond temps swing more than 5F during the day. This is an issue with ponds in our area. Know your pond temp!! Take it early in the morning and late afternoon. Koi can suffer from sudden temperature shock leading to death but that occurs most often when going from warm to colder water quickly. And – YES koi can even suffer from sunburn when the pond environment presents the wrong circumstances. Above 78F water starts to lose capacity to hold oxygen. Higher water temps increase the toxicity of ammonia, chlorine and heavy metals. This can become an issue if doing none to small (say less than 10% water changes a week) as you will be adding more water at these higher temps to just replace evaporated water **WHICH DOES NOT DILUTE ANY WATER TOXICITY YOU GOT GOING ON IN THE POND**. You are just slowly increasing the concentrations of the bad stuff. Add to this the summer feeding of higher protein foods and more of it during summer and the water quality can start to really suffer which means your koi environment can go to \_\_\_\_\_. Last but surely not least warmer water increases a lot of the bad guys (pathogens) activity - making your koi's immune system and the other important water quality factors imperatively important during the growing season and associated higher water temps. So with the above in mind, feeding during higher pond temps is the most often asked question I get on the phone. Past articles have covered koi nutrition needs and frequency of feeding in association with pond temps. Hey – read the info on your koi food label. But additionally I'll share with you how I would propose to deal with temp issues and feeding schedules above 78F. I feed 7 to 8 times a day - small amounts of daily total requirement (2 to 2.5 lbs. per day – 2.5% of total koi body weight) when my water temp is 74 to 77F. My limited experience has formed the following plan for feeding when my pond temp reaches 78F. For 78F = reduce total daily to 2% of total body weight staying at 7 to nine feedings. For 80F = 1.5% body weight and 5 to 6 feedings a day and replace high protein feeds with all season feeds. I've never gotten to 82F but my plan would call for me to further reduce to 1% total body weight with 2 or 3 daily feedings and add a wheat germ feed. At 84F my plan would be feed every other day whatever they would eat in 7 mins. At 85F I would just stop feeding and they will eat what's available in the pond or on its surfaces. Hopefully some serious thought has occurred to reduce or never have your pond temp go to 85F. At about 80F you will observe a change in your koi summer behavior as in they just SLOW DOWN doing all things koi. And it just becomes even slower as the temp continues to rise. You will quickly see uneaten food which will only make your water quality worse. They will reach a point (about 85F) and just about stop eating on their own. Just think what higher temps do to us as humans!! Enough said and my best to you and your koi.

As a hodgepodge article and for additional review I will include these comments for your consideration. With my pond temp now above 72, it's time to start feeding my koi some additional protein in their daily diet. **After water quality**, I think nutrition is the second most important thing you can do to ensure the health and growth of your koi. You should be feeding your koi at least twice a day now and at 72 degrees you can consider three times a day. At 76/77, I'm feeding 6 to 8 times a day. The quality of your koi food will have a direct effect on solid waste, nitrogen and phosphate levels in your water. The digestibility of your koi food can be observed by the amount of solid waste you see in your pond (best time early AM). Non digested koi food or uneaten koi food left in the pond will lead to increased oxygen demand; additional ammonia-nitrate-phosphate; decreased performance of filters; increase in microbial growth (some bad for koi - aeromonas); and even toxic hydrogen sulfide gas for some poorly designed or poorly maintained ponds. **YES**, you can overdo protein (been there more than once). The major source of nitrogen (Ammonia-Nitrite-Nitrate) for the average pond is protein found in your koi food. For each gram of ammonia produced by your koi the pond and its filter system will produce about 4.4 grams of nitrate. Carp raised as food fish are fed a diet containing 31 to 38% protein to max their growth with the carp's metabolic capability to assimilate proteins.

Continued next page

**Bottom line** – If you feed your koi more protein than they can metabolize, it just passes through the koi and becomes part of the fecal material. You pay a higher cost for food and the undigested protein reduces your water quality. Don't forget you have additional ammonia from any other decomposing organic matter in the pond and don't forget your source water will also have some nitrogen products (be it low levels). With raised phosphate levels in your pond the koi will do okay at first but algae growth may become an issue leading to conditions that can (depending on fish load) result in fish loss. Koi require phosphate in their diet – but they have a harder time and reduced assimilation rates from fish that have a stomach (i.e. no production of hydrochloric acid).

Got to stop somewhere so I'll finish with some kindly reminders about koi food and feeding practices:

Don't keep more than 3 months' food supplies on hand at any one time.

Keep all food in a cool dry place. (Very important)

Smell the food! Old food spoils and smells rancid. Pitch it.

Look at the food! Look for any mold or mildew. Pitch it.

Feed your koi a variety of food items (subject for another article).

Observe your koi eating habits. (Best time to observe mouth problems).

Broadcast food over large area (so the little guys can get some food).

For me, if all food is gone in 8 minutes I'm happy.

Remove any food left on the surface after 10 minutes.

Keep the food out of any skimmer during feeding.

What about using an automatic or on demand feeder??

For the science nerd the feeding interval is:

Interval = 40 times the square of W divided by T

Interval = time between feedings in hours

W = body mass, grams

T = temperature, C

*(RAS 2<sup>nd</sup> edition; Timmons; pg506)*

Some of this you may have seen in past KHA Korner articles, but we get new members each year so from time-to-time I think it prudent to repackage and pass along some of the more core type information for the backyard koi hobbyist. Stay safe and healthy.

r/koi jack

# NOTICE

Dear KOIUSA Subscriber,

We're sad to say you won't be receiving any more issues of our magazine. We've been forced to go out of business due to a steep decline in advertising revenue even though subscriptions have remained fairly stable over the last year or two. You should know we've greatly appreciated your support and loyalty.

We'd gradually been losing advertisers. We ended up down 10 advertisers for the May/June issue compared to last year. We lost 3 of them during the last month. Some didn't renew annual insertion orders. Some changed insertion orders mid-stream to reduce ad size & cost. Some shifted from full to seasonal/part-time. Some cancelled insertion orders mid-stream. Some won't answer emails or phone calls. Some won't pay outstanding invoices. Some phone #'s ring out of service. COVID-19 or accelerated shift to digital advertising? Take your choice. Short Answer: Too few advertisers providing too few advertising dollars for far too long and an unknowable future.

Although under no legal obligation to do so, the AKCA has decided to help make it up to our most recent subscribers – the new subscribers who signed up during the last year and have received few, if any, issues for their money. If your first issue was the **Jul/Aug 2019 issue or later** and you have **1 or more issues owed** you, the AKCA will mail you an equal number of back issues from before you subscribed – **up to a maximum of 6 back issues per such subscriber**.

If this is something you wish to pursue, please send me a letter with your name, address, phone #, email address and subscription date if known. We'll cross-check our records and if you qualify, we'll send you back issues once the dust has settled from dissolving KOIUSA Inc.

And thank you again for your support and loyalty. You're a special part of this hobby's wonderful family.

Best wishes,

Board of Directors  
KOIUSA, Inc  
P.O. Box 10879  
Costa Mesa, CA 92627





Recently Phyllis and John Spoor had a visitor to their pond. Seems this visitor tore up the filter area and may have snagged a fish or two, maybe not. Any way Vagabond Koi went out and fixed their smallish pump, reset the filter box and within a day they could see their fish. Phyllis and John do their best to care for their finned charges and do a pretty good job of it.

Sometimes nature just has a different plan for what we do and has to show that she is still the boss.

If you would like to see pictures of what the Spoors have going click the mermaid to the left.

Phyllis as many of you may already know takes great pride in her photography and is always there when needed to snap a couple shots.

# UNQUESTIONABLE QUALITY, CHAMPIONSHIP RESULTS

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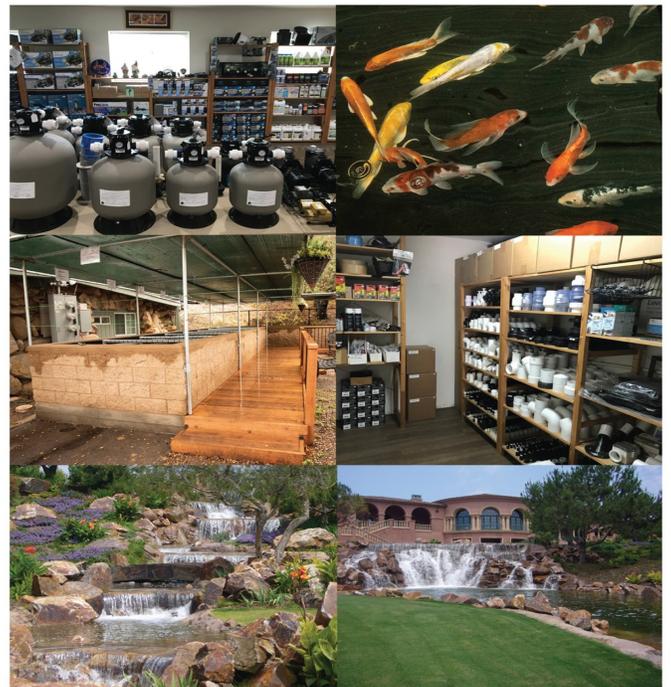
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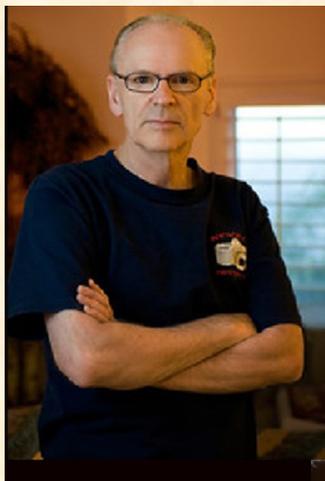
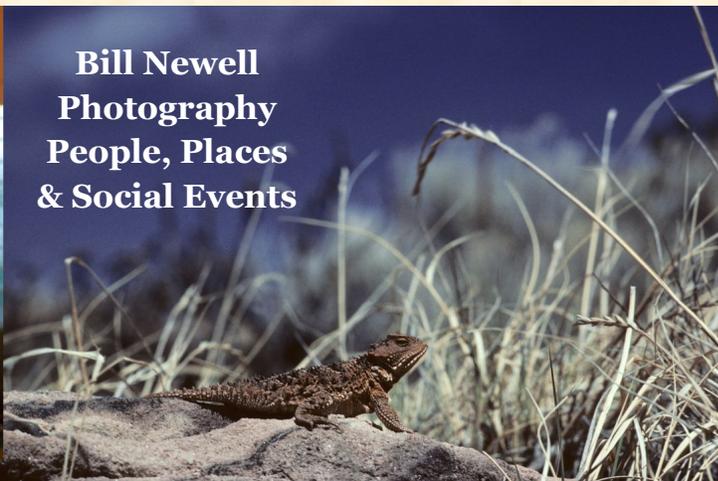
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I have decided to link both the SmugMug accounts of Bill Newell & Phyllis Spoor to the newsletter and the website. Both of our club members take fantastic pictures of everything you can think of all over the world. For Bill's SmugMug click his picture. For Phyllis click her picture.



**Phyllis Spoor**  
**Sparkley Hat Photography**  
**Nature, Landscape &**  
**Club Special Events**

On behalf of the Koi Club of San Diego I want to thank both of **these** extraordinary photographers for their continued effort to capture the spirit of club members during our gatherings. From the Ponder Profiles, to monthly meetings, **Koi Rescues** and special events, **Phyllis Spoor and Bill Newell are always ready at a moments notice and we thank you!**

**Bill Newell**  
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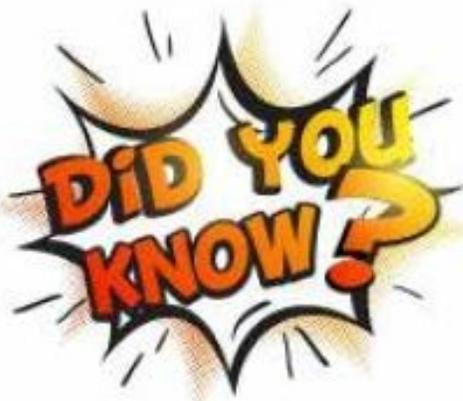


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By Spike Cover:

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- PCR and ELISA Tests for KHV – explained! By Syd Mitchell
- Nutrition by Chris Neaves
- Understanding pH and KH by Syd Mitchell
- Improving your Biologic Filter by Syd Mitchell
- Pond Stocking Density by Chris Neaves
- Comparing Trickle Towers with Bakki Showers by Syd Mitchell
- Mycobacteriosis (one of the few diseases that can be transmitted by Koi to humans) by Diana Walstad
- The Science behind using Clay in Ponds by Syd Mitchell
- Hikku – possible cause and remedies by Spike Cover
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"Nijikawa are used at Nisai and older ponds. "I think, Nijikawa is Super Koi Food"



**Sekiguchi:**

Nijikawa was mixed at all ponds. Great Growth. Need more Research on how to handle. "I believe Nijikawa has Tremendous Potential"

**Isa:**

Nijikawa was used with 50% ratio, but finished in two weeks. Result is inconclusive. But "I think that Nijikawa maybe the ONLY Good Koi Food Made Outside of Japan"

**Hasegawa:**

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**Marusaka:**

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[Link to "Old Pond Syndrome" by Taro Kodama](#)





**Editor Note:** I have included the links below so that many of you can have a better understanding of Potassium Permanganate . It is NOT the clubs endorsement of your use of it nor will the club be responsible for any outcome of its use or misuse. It is however part of the learning process and if used properly can be beneficial to your pond. **Potassium Permanganate is extremely dangerous to both your koi and yourself. Please read all the cautionary material on handling and use. I have posted this because a number of people have asked me about Potassium Permanganate Tx**

I had included the Roark article on PP TX but was informed it was outdated and newer information exist that is more precise. Therefore I have added the link to the Roark method in case anyone wants to see what he was doing. I would recommend that if you have never used Potassium Permanganate that you do a bit of research first as it can kill all your koi if not used properly. On the other hand it can be pretty useful if used correctly.

We are all adults and quite capable of making our own decisions, AFTER doing some research and understanding the issues.

I am leaving the links in as a source of information only .

The KCSD is not responsible for your usage of any product and will not be held responsible any results from your using any of the linked information.

At the rescue sanctuary I use PP as needed and have never had an issue with it. Most of the times I use it between fish

## **New Links 3/2020**

**IF YOU HAVE A FAVORITE LINK OR KNOW OF A LINK THAT IS INTERESTING AND RELATED TO THE HOBBY PLEASE FEEL FREE TO EMAIL IT TO ME.**

**JERRY**

**Taro Kodama Koi Farm Article on Salt Use**

**A Little About Mamoru Kodoma**

**Koi Vet in San Diego Area**

**AKCA (ASSOCIATED KOI CLUBS OF AMERICA)**

**K.O.I. (Koi Organization International)**

**<http://koivet.com/>**

**[Roark article on PP Tx](#)**

**Once again the Koi Club of San Diego is not responsible for any outcome when using any of the products mentioned in the links**

He went that a way



Bill Newell

Remembering a friend



Bill Newell