



**KOI CLUB OF SAN DIEGO
NEWSLETTER©
November 2021**

Volume: 21 Issue 11
Po Box 22833
San Diego, CA 92192
www.koiclubofsandiego.org



November 14 2021

John & Nicki Schultz

1954 Oak View Alpine CA 91901

Speaker “Koi” Jack Chapman on Koi Classification— Koromo (Goromo)

Social Time —12:30 pm Meeting Starts —1:00 pm

POT LUCK & Please bring your chairs



For DIRECTION to the November General Meeting location Click here and the google map will show up. If you click the Directions tab on the map legend it will allow you to get step by step directions from your location.

OFFICERS

PRESIDENT: Matt Rhoades	(619)517-8270
First VP-PROGRAM: Will Vukmanic	(619)322-6044
Second VP-VENUE: Lenore Wade	(619) 442-0202
SECRETARY: Tamsie Pierce	(619) 427-9008
TREASURER: Dr. Jessica Lynch	(619) 916-7120

PHONE

EMAIL

Koi Person of The Year 2021 Ben Adams

APPOINTED OFFICERS

SHOW CHAIRMAN 2022: Matt Rhoades	(619)517-8270
Webmaster-: Jerry Myers	(619)405-8908
Assistant Webmaster-: Greg Ruth	(858) 395-7882
MEMBERSHIP: Greg Ruth	(858) 395-7882
PUBLICITY: POSITION OPEN	
NEWSLETTER: Jerry Myers	(619) 405-8908
AKCA REPRESENTATIVE: Scotty Yee	(714)943-3906
CLUB HISTORIAN: Dr. Galen Hansen	(619) 440-2035
PROPERTY MANAGER: Al Pierce	(619) 427-9008
LIBRARIAN AND KOI HEALTH ADVISOR: Koi Jack Chapman	(619) 669-0490
FINANCIAL REVIEW CHAIRMAN: POSITION OPEN	
CORRESPONDENCE SECRETARY: Shirley Elswick	(619) 222-9825
JAPANESE FRIENDSHIP GARDEN LIAISON: Linda Pluth	(619) 200-4146

MEMBERS AT LARGE

HELPING HANDS

WATER QUALITY: Jack Chapman	(619) 669-0490
KOI HEALTH ADVISOR: Jack Chapman	(619) 669-0490
PROGRAM SUGGESTIONS: : Will Vukmanic	(619)322-6044
TO HOST A MEETING: Lenore Wade	(619) 442-0202
TO SUBMIT AN ARTICLE: Linda Pluth	(619) 200-4146

CLUB EMAILS ARE CHANGING
AS SOON AS I HAVE THE NEW
LIST I WILL POST THEM

If you are listed here and have an email address you would prefer to use for club emails please send an email with the preferred address to

tuder96@hotmail.com

If you do not specify what email you want to use for club information, I will use the one listed in Wild Apricot.

New emails will be in the **December** newsletter.



Find us on:
facebook®

CALENDAR of EVENTS

Committee Meetings

STEERING COMMITTEE MEETING IS NOW LIVE

November 10 2021

Dennys

2691 Navajo Road

El Cajon CA 92020

On the corner of Navajo and Fletcher Parkway

7pm to 9pm

They have a room reserved for us

Come hungry and order dinner

Please remember that the Steering Committee Meetings are for any club member in good standing.

WELCOME NEW

MEMBERS

Richard Friedlen & Kelly Wilder

WELCOME RENEWING MEMBERS

Frank & Nancy Cannizzaro
Mark Johnson
Tony & Sasi Limvorapun
Dorene Dias Pesta & Terry Pesta

Inquiries concerning our Treasurer's report should be directed to:

General Meetings

November 14 2021

John & Nicki Schultz

1954 Oak View Alpine CA

Social Time —12:30 pm
Meeting Starts —1:00 pm
POT LUCK & Please bring your chairs

December 12th 2021
General Meeting

Nancy & Frank Cannizzaro
11727 Invernes Drive
Tierrasanta CA

NOTE: The General Meeting hours remain the same BUT the social hour is now a 1/2 hour and MEETING starts at 1PM

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

[Click text](#)

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

[Click text](#)

<http://www.koiclubofsandiego.org/>

Upcoming Events 2021



KCSD KOI SHOW

APRIL 9TH & 10TH 2022

More information to follow.

Jamie has sent production version to Matt for approval.

The Show booklet has been formatted awaiting the input from the various Chairs.

OPEN TO THE PUBLIC
2022 ZNA NORCAL KOI SHOW
APRIL 2 - 3
Saturday 9:00am - 6:00pm
Sunday 10:00am - 5:00pm
Wendell Garcia Gillette Valley Farm
299 Gillette Valley Blvd.
San Jose, CA 95128

Hikari

RAFFLE • ARTISTS • DEALERS • AUCTION • EDUCATION • CALLIGRAPHY • BONSAI DEMOS • KOI COMPETITION • AND MORE!

Hotel Reservations: sales@windsongresort.com
Additional info and Exhibitor/Supporter Applications: znanorcal.com

The President's Corner

November 2021

November General Meeting

A Nice October Meeting

The October meeting was a great event. The Bravo's venue was beautiful, with many wonderful plumeria plants around the yard. They have a nice pond with many colorful koi. Koi Jack gave an excellent talk on sanke for koi classification. And, as always, much food to nibble on. I want to personally thank Rudy and Bridget Bravo for opening up their home, at short notice, and for the great discussion on plumeria care.

2022 Koi Show - April 9 & 10, 2022 DATE CHANGE

Six months; 180 days to the big event for our koi club. A lot of work has been accomplished so far; more work to come around the show dates. I'm looking for any time from the members, during the koi show, to step up and volunteer some time to the event. Move-in is on Thursday, April 7 and continuing set-up on Friday, April 8. And since I am also the show chairman for the 2022 show; I am asking all members to volunteer time to make it as fun and polished as years past.

I'm especially looking for drivers to pick up the show judges from the airport and deliver them to the hotel. For doing the "Uber-thing" I will be setting aside complimentary parking passes (good for all show dates).

The time you invest, helping at the show, leads to conversations and friendships that increase your knowledge base and confidence in having koi. If you can give 30 minutes or 30 hours to make it a successful show by doing the small or the bigger tasks at hand, I thank you in advance. Please contact me if you could be available for Thursday/Friday set-up and Sunday afternoon/early evening tear-down. Any time you can volunteer is greatly appreciated.

Koi Auction

The koi auction went off with many fine fish for sale. Both pond and show koi were displayed and sold off to new owners. A big thank you to all that helped to make it work. A special big thank you to Tamsie Pierce for overseeing this endeavour.

November General Meeting

The November meeting on Sunday the 14th will be at John and Nicki Schultz's residence in Alpine. This will be my first visit to their home/pond. We will be doing a pot-luck meal format for the meeting, so bring what you would like to share. Of course, drinks and water will be provided. Please don't forget to bring a chair. Canopies will be set for shading. I'm looking forward to having my monthly fix on talking about Koi.

If you aren't comfortable in crowds/sharing food yet - no problem - do what makes you at ease.

See you there,
Matt - Suspect #4 on the Koi Kichi Wanted List.

Members, I need your help...PLEASE

As VP of Venue, I have several jobs. The most important has been to find us wonderful hosts who are willing to share their pond and story with us.

The second job affects you. I try to find things for our monthly drawing that you would like to win and take home with you.

The vendors have been more than generous and I have lots of food to put out over the next months. But the fun, cute, interesting, desirable treasures are what I need. In years past they were referred to as "White Elephants" ...items of specialness that are no longer needed.

For every item you donate, you are given a free ticket for the drawing.

Please scour your cupboards to help make the gift table more interesting and creative.

Thanks, Lenore Wade

Notes from the Board

By Tamsie Pierce

Secretary

Koi Club of San Diego Steering Committee Meeting, Wednesday, October 13, 2021

Members Present in person:

Linda Pluth
Jack Chapman
Jessica Lynch
Matt Rhoades
Cole Rhoades
Greg Ruth
Lenore Wade
Tamsie Pierce
Al Pierce
Scotty Yee

Meeting called to order at 7:00PM

Minutes were published in the October newsletter.

Treasurer report was approved as distributed at the meeting.

Vice President of Venue announced that both the November and December meeting locations were set. There was some discussion on the need for items for the drawing table. Plenty of food, short of other things. It was agreed to send an email to the membership seeking donations.

Vice President of Program was not present, still recuperating from surgery. Jack Chapman was requested to continue with his Koi Classification talks.

Japanese Friendship Garden - with the weather and water getting cooler feeding amounts are being reduced. There was a discussion on ways to be able to catch the many small koi from a summer spawning, and when caught, what to do with them.

KHA – Jack said the phones have been quiet. Everyone was reminded that fall is the time to clean your filter.

Newsletter- Articles are due to Linda as soon as possible for the November newsletter.

Membership appears to be stable just below 100.

Auction will be held on Sunday, October 24 at San Diego Pond & Garden. We will be using members' shade covers for the runway, and participants are encouraged to bring their own chairs. Tank filling will be done on Saturday, October 23, remainder will occur on Sunday, the 24th.

Website costs were discussed, particularly email addresses for officers. It was decided to attempt to cut the drain on the treasury by using personal emails, rather than those through the Club website.

The 2022 show was brought up. Although Garry Chin has agreed to be head judge, Scotty Yee will contact him to confirm, as the Fairgrounds is now posting that the Home & Garden Show will be the second weekend in April (rather than March). In order to maximize the walk through traffic for our vendors Matt will attempt to change the dates of the show. (Which was accomplished the following day. 2022 KCSD Koi Show will be on April 8, 9, 10, 2022.)

New Business: It was requested that meetings start at 1:00 instead of 1:30, so they may finish in a timely manner. Approved by the board.

Jessica brought up the lapsed Non Profit status, and the cost of website emails.

Bags for those wishing to bring fish to the auction will be available at the end of the steering Committee Meeting at \$1.00 per bag.

Meeting was adjourned at 8:10 PM

The next steering committee meeting will be Wednesday, November 10.

Submitted by Tamsie Pierce, Secretary



KHA Korner: “Koi Jack” Chapman Ammonia NH₃ & Ammonium NH₄

We had a couple ponds this year with different levels of ammonia issues and I can never go wrong with water quality articles. Ammonia is one of my favorites to try and keep fresh on your mind and I’ve not written about it since 2019 so this is an update of that article. The most important aspect in maintaining your koi’s health is proper water quality. All koi hobbyists need a rudimentary understanding of NH₃ and NH₄. Ammonia NH₃ is toxic to koi which can and will cause additional stress, a reduction in growth, drab coloration, increased illness with extended healing times due to depressed immune system, reduced life span via gill hyperplasia (reduces oxygen absorption and waste excretion ability of gill tissue) leading to loss of koi. Ammonia is a by-product of protein metabolism from utilization of ingested food and is excreted from the gills (reported to be 75 to 80%) or as urea for the remainder. So by feeding more during summer with higher protein foods you will have increased your koi’s NH₃ production – BIG TIME! Also don’t forget that koi are NOT the only source of ammonia in your pond – as the decomposition of all organic material produces ammonia. Think all plant material, uneaten food and oh yes undigested/non-assimilated food ingredients expelled as fish poop. If your pond water source has chloramines, ammonia will be released when you dechlorinate the water with chemicals. So, no article trying to do justice on this subject can escape the science/chemistry to provide the reader a basic understanding of the constant moving target of the level of toxicity of ammonia given a range of pH and temp. Most articles on this subject are complete with charts and I would encourage you to review them for a better understanding. Put as simply as I can:

Ammonia NH₃

Ammonium NH₄

Un-ionized

Ionized

Toxic

Mostly Non-toxic

In water the reaction can and does go both directions NH₃ to NH₄ & NH₄ back to NH₃.

Most test kits measure total ammonia and yes it’s a total of un-ionized and ionized.

pH is the key player as to the toxicity level and as pH rises so does the percentage of toxic un-ionized NH₃.

Temperature is a secondary factor and as water temp rises so does the toxicity level of a given pH level. This effect is not as significant as the pH changes.

Ammonia has proven to be even more toxic in the presence of low oxygen levels.

In my opinion and to cut to the chase, any test kit measurable amount of ammonia is undesirable and in need of corrective action. All the charts do is help with the degree of urgency at hand, which is why I kept the science to a minimum. Yes, 0.1ppm should make you want to reduce it!! It has been my KHA experience that the long term low level exposure to ammonia is discovered when I make a pond call for sick koi (parasites and bacteria) and find the additional problem of low to moderate levels of ammonia. Your koi suffering from the effects of ammonia poisoning can isolate themselves, stay on the bottom with clamped fins, and upon examination be very slimy. They can develop a general pink to red hue on the body with small red lines and red lines in the fins and red at the edges of fins. We call it ammonia burn. Believe it or not a pond or show tank can even produce an identifiable smell to it – learned from experience.

So what's a pond owner to do???

Foremost have an ammonia test kit that's less than a year old and test your water weekly – before your weekly water change and pre-filter cleaning and record the results.

The following list is not in order of precedence but the first few are more significant in reducing ammonia levels. And I'm sure I've missed some.

Daily water changes – The solution to pollution is dilution!!

Reduce feeding (low level 0.5ppm) to spot feeding (1.0 or higher). Koi do just fine for a couple of weeks and longer without being fed.

Reduce fish load.

Reduce your water turn over time – get the water with NH_3 to the filter faster.

Increase bio capacity – part of a long-term plan.

Use chemicals (ClorAm-X or Ultimate) to bind the ammonia into a non-toxic form and best if done in connection with a large water change.

Clean pre-filter more often and keep bottom of pond clean and free of visible particulate matter.

Look into activated carbon – good for pollutants to include ammonia and good for 3 to 4 months.

Look into sludge buster and bio boosters – to each his own.

Add salt – suggest 1 pound per 100 gallons for a reading of 0.1% to increase ionization of ammonia making ammonia less toxic – per Nicholas Saint-Erne, DVM. (Caution – salt will release the ammonia from your Zeolite bag so remove the bag before adding salt).

If oxygen levels are low then add oxygen as the closer you get to oxygen saturation in your pond water the better.

Rechargeable Zeolites – old school but could help in short run till other changes catch-up but not in combination with salt.

Additional shade to help lower pond temp.

On short temp bases for higher pH's with higher ammonia levels you can look into reducing the pH, but you want to avoid wide daily pH changes **OR go back to number 1 on this list.**

SPECIAL NOTE OF CAUTION: In the event of a pH crash in your pond with fish loss you may be so concerned about raising the pH you just forget to check your NH₃ levels that will become more poisonous to your koi when you elevate your pH which could lead to additional koi losses. You would need to bind the NH₃ with the chemicals listed in number 6 above before or in connection with a large water change.

That about covers it for me and hopefully gives you reason to explore more info on your own as it is not hard to find a ton of info on the subject. Just maybe you will even find time to test your pond water for ammonia.

r/koi jack

PLEASE NOTE THE TIME CHANGE ON WHEN THE MEETINGS START.

THE SOCIAL ASPECT OF THE MEETING GOES FROM 12:30 TO 1:PM

THE MEETING WILL NOW START AT 1:00 PM

2022 Koi Show - April 9 & 10, 2022 DATE CHANGE

Six months; 180 days to the big event for our koi club.

A lot of work has been accomplished so far; more work to come around the show dates. I'm looking for any time from the members, during the koi show, to step up and volunteer some time to the event. Move-in is on Thursday, April 7 and continuing set-up on Friday, April 8. And since I am also the show chairman for the 2022 show; I am asking all members to volunteer time to make it as fun and polished as years past.

Thank you Matt Rhoades Show chair and Club President KCSD

Monthly Complete Report
 Miramar/Alvarado/Otay Filtration Plants
 September 2021

Analyte	Miramar Effluent	Alvarado Effluent	Otay Effluent	Units	MDL
pH	8.09	7.72	8.01	pH	
Conductivity	877	883	972	µmho/cm	
Total Alkalinity	125	126	128	mg/L	20
Total Dissolved Solids	588	576	635	mg/L	10
Total Hardness	259	239	264	mg/L	10
Calcium Hardness	152	141	144	mg/L	10
Carbonate	0	0	0	mg/L	
Bicarbonate	152	153	156	mg/L	
Turbidity	0.05	0.09	0.06	ntu	0.04
Color	ND	ND	ND	color	1
Bromide	ND	ND	0.115	mg/L	0.1
Chloride	107	116	157	mg/L	0.5
Fluoride	0.614	0.487	0.587	mg/L	0.02
Nitrate	0.407	0.496	0.492	mg/L	0.40
Nitrate (as N)	0.092	0.112	0.111	mg/L	
Ortho Phosphate	ND	ND	ND	mg/L	0.1
Total Nitrogen	0.649	0.732	0.724	mg/L	0.156
Silica	7.28	7.76	5.38	mg/L	0.625
Sulfate	209	199	183	mg/L	0.5
Aluminum	ND	ND	ND	µg/L	5
Calcium	60.8	56.4	57.6	mg/L	
Copper	1.83	4.54	1.85	µg/L	1
Iron	ND	ND	ND	µg/L	100
Lead	ND	ND	ND	µg/L	0.5
Manganese	0.54	6.91	ND	µg/L	0.5
Magnesium	24.9	23.4	27.4	mg/L	3
Potassium	4.76	5.09	4.97	mg/L	0.5
Sodium	92.7	95.1	111	mg/L	20
Zinc	ND	ND	ND	µg/L	5
Aggressive Index	12.3	11.9	12.2	.	
Langlier Index	0.52	0.12	0.43	.	
Total Organic Carbon	2.85	2.61	3.53	mg/L	0.3
Total THMs	15.8	12.6	27.6	µg/L	0.4
HAA5	2.33	3.85	8.12	µg/L	1
Bromate	ND	ND	---	µg/L	5
Chlorite	---	---	0.309	mg/L	0.02
Chlorate	---	---	0.175	mg/L	0.02
Perchlorate	---	---	---	µg/L	2

< = Less than
 ND = Not Detected
 --- = Not Sampled
 NR= Not Reportable
 NA = Not Analyzed
 MDL= Minimum Detection Limit

Thank you John Svelan

It has been requested that I inform as many people as possible about the show date changes.

So with great fanfare

DATE CHANGE



2022



Koi Show



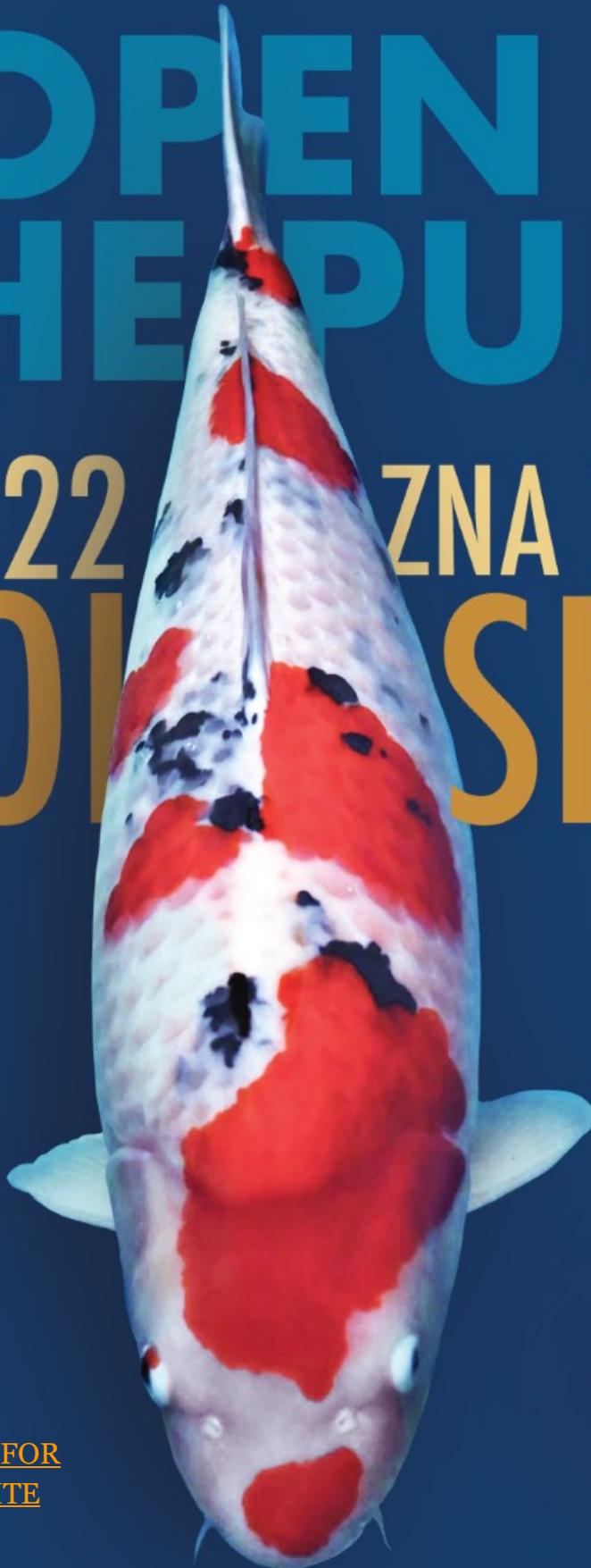
April

9 & 10, 2022



OPEN TO THE PUBLIC

2022 ZANA NORCAL KOI SHOW



APRIL 2 - 3

Saturday 9:00am—5:00pm

Sunday 10:00am—2:00pm

Wyndham Garden Silicon Valley Hotel

399 Silicon Valley Blvd.

San Jose, CA 95138

[CLICK HERE FOR
OUR WEBSITE](#)



RAFFLE • ARTISTS • DEALERS • AUCTION • EDUCATION • CALLIGRAPHY • BONSAI DEMOS • KOI COMPETITION • AND MORE!

Hotel Reservations: sales@wyndhamsiliconvalley.com
Additional info and Exhibitor/Supporter Applications: znanorcal.info

Schedule of General Meetings for 2021

Please check your local Covid guidelines for guidance and bring a mask just in case

Contact the host to confirm that you will be attending

Pot Luck lunches will be noted. If you prefer you may bring your own *bagged lunch*

Social Time —12:30 pm Meeting Starts —1:00 pm

POT LUCK & Please bring your chairs

John & Nicki Schultz

1954 Oak View Alpine CA

December 12th 2021

Nancy & Frank Cannizzaro

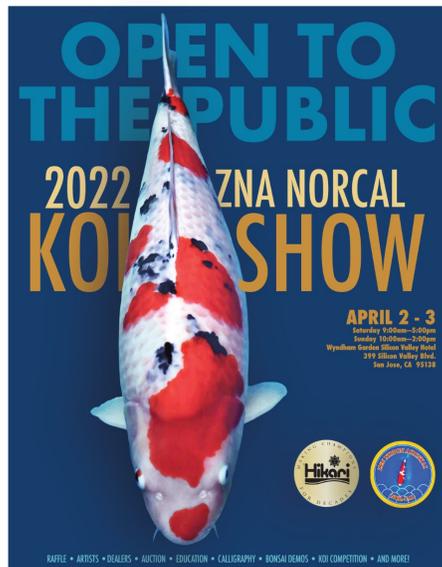
11727 Invernes Drive

Tierrasanta CA

MEETING TIMES ARE AS FOLLOWS.

SOCIAL TIME FROM 12:30 pm—1:00 pm

MEETING START TIME STARTS AT 1:00 pm—3:00 pm



A BIG HEART FELT THANK YOU TO THE FOLKS OF ZNA NOR CAL CLUB FOR CHANGING YOUR SHOW DATE TO APRIL 2ND & 3RD. WE REALIZE THIS MAY HAVE CAUSED SOME LOGESTIC ISSUES ON YOUR PART.

BY CHANGING YOUR DATE IT WILL ALLOW KOI KICHI MORE SHOWS TO ATTEND AND TO SEE OLD FRIENDS.

AGAIN THANK YOU ZNA NOR CAL FOR THE CONSIDERATION AND THOUGHTFULLNESS.

KOI CLUB OF SAN DIEGO

**A big THANK YOU to
San Diego Pond and Garden
for hosting our
2021 Friends of Koi Auction!**



**For all of the pictures by
Bill Newell of the 2021
Friends of Koi Auction
click on the image above**



**For all of the pictures by
Phyllis Spoor aka Sparkly
Hat of the 2021 Friends
of Koi Auction click on
the image above**

It is with sadness I report the passing of Clark Corbin and Kay Corbin. They were strong supporters of the club as well as avid show participants. The Corbins were also supporters of Vagabond Koi Rescue and Rehoming.

They will be missed



October General Meeting at the Bravo home



Photos by Bill Newell

For the complete set click on the photo above

Hi everyone! Frank & Nancy, who are hosting the Christmas Meeting have asked me to distribute this email to all. So here it is

Jerry

Hi jerry,

Please send out this email to all members So they don't miss out.

Hello all koi club members and guests.

If you were planning to join us for the Christmas meeting , do yourself a favor and email me a Color picture of your favorite koi. At Christmas each of the attendees will have a surprise Personalized just for them. If you're bringing a child or anyone with you Or if there are 2 of you, send me 1 for each person who's attending if you want To receive the present.

Hello Koi Club members and friends,

As we have in past few years we are going to host the Christmas Koi club at our house again this year. We have plenty of parking and plenty of room for everyone inside in case it rains. We will make all the food as usual because of my food allergies.

This year I thought of a very nice gift for each of you If you will provide me with a color picture of your favorite koi. There will be no extras for people who didn't email me a picture. I'm not going to guess what your favorite koi looks like. But there's definitely enough for everybody who sends me a picture to receive a present from us and for you to show everyone what your favourite koi looks like.

Please email your pictures to KoiLover@myemail.ws or text me 1-619-892-6852 as soon as you can. Please try to send .jpg or .PDF files if you can, but I can convert if need be. Please send the pictures before December.

We're looking forward to a wonderful group of people for the Christmas party.

See you there,

Frank & Nancy Can is dark

KoiLover@myemail.we

Call (858) 277-6412

Pictures via text (619) 892-6852

This is the one meeting you have to attend. Frank and Nancy are the most gracious host and go the extra mile.

More info will be provided in the December newsletter

Speed of killers

- 1 White Spot - ick
- 2 Costia
- 3 Chilodonella
- 4 Gill flukes
- 5 Trichodina (if numerous)
- 6 Skin Fluke
- 7 Lice
- 8 Anchor Worms
- 9 Leeches

Oodinium
visible at 200X



Ick (white spot)
visible at 200x

**Gyrodactylus
Skin Fluke**
visible at 100x



**Argulus
Louse**
visible



APPENDIX FIVE Parasites of the Skin – Stylised Diagrams

commas -turn
inside out

Costia
visible at 300x
- 400x



Chilodonella
visible at 200X
Looks like lemons



Leech
visible

Trichodina
visible at 200x
flying
saucers



**Dactylogyrus
Gill Flukes**
visible at 100x



**Lernaea
Anchorworm**
visible



Adapted from Scott P.W. (1985) in *Manual of Exotic Pets Revised Edition*
(Edited by J.E. Cooper, M.F. Hutchison, O.F. Jackson, R.J. Maurice) B.S.A.V.A. Publications.

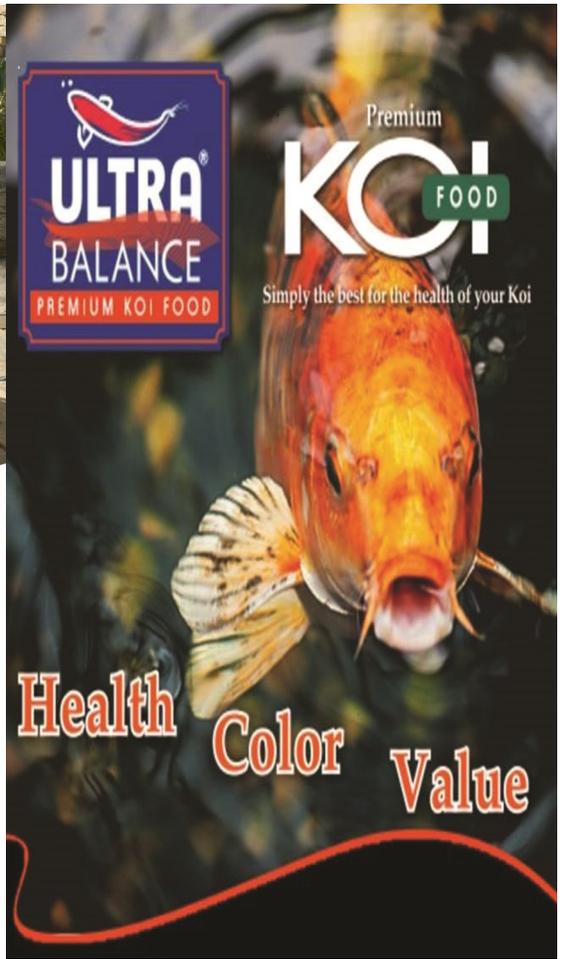
This is a link to Mankysanke article on carp pox as well as the home page

http://www.mankysanke.co.uk/html/carp_pox.html

https://www.mankysanke.co.uk/html/good_water_guide_pt_1.html

<http://www.mankysanke.co.uk/index.html>

There is a plethora of great information here. (How's that for a \$5.00 word eh?)



"Ultra Balance koi food produces great year-round results for the hobbyist or professional koi keeper."
 – John Svelan



Ultra Balance Premium Koi Food
 Health. Value. Color.

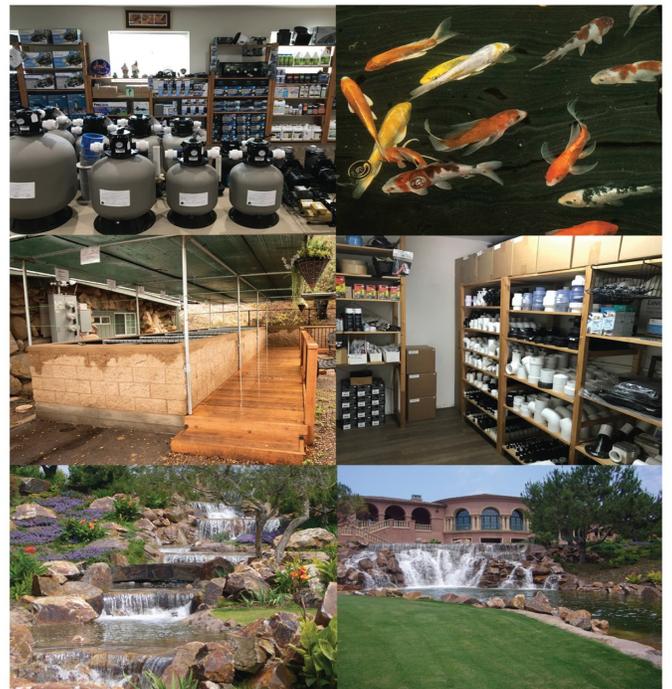


Locate a dealer and enter to win a free bag of Ultra Balance Premium Koi food at koifood.com

"We bring water to life"



**Specializing in Service,
 Repairs and Maintenance,
 New Construction and
 Onsite Consultation**



domestic and imported koi, large selection of aquatic plants, pond liner, plumbing supplies, & pond equipment

26 Years Experience

**Store located at 12257 Old Pomerado Road, Poway
 858-486-0033**

www.sdpondandgarden.com Gen. Cont. Lic #933311



November 2021

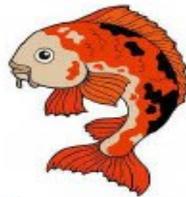


Get a Scholarship to become a Certified Koi Keeper (CKK)

Don't miss this chance to learn!
(Your koi will thank you!)

Koi Organisation International (K.O.I.)
and the
Worldwide Koi Club (WWKC)

EACH offering 10 scholarships to become a *Certified Koi Keeper (CKK)*



Sign Up to Improve your Koi Keeping Knowledge – 20 Scholarships Available, First come, First served

What you need to know:

- On-Line Sign-up November 1-15, 2021
- Requires an upfront fee of \$100 which may be refunded upon certification as a CKK. (Yes, you can do this!)
- For more information, see our website:
<https://koiorganisationinternational.org/2021-2022-certified-koi-keeper-scholarships>

Remember, limited time to apply: Nov. 1 - 15



WELCOME to K.O.I.'s NEWEST MEMBER CLUB!

- **The Koi Society of Western Australia**
Website: <https://www.koiclubwa.com/>



TIP OF THE MONTH

Dosing a Pond

From the K.O.I. Guide

G = V x M x 0.00378, where

G = amount to be added in grams
V = pond volume in U.S. gallons
M = desired ppm

Example: To achieve a 2 ppm concentration in a 5000 gallon pond,

G = 5000 x 2 x 0.00378
G = 37.9 grams

Salt

P = V x T x 0.00833, where

P = Pounds of Salt
T = Concentration Change in ppt
V = Volume in U.S. gallons

25 # per 1000 gallons = 0.3% or 3 ppt

Estimating Pond Volume with Salt

$$V = P / T \times 120$$

Same term definitions as above

The holidays are nearly here! Here's a gift idea. Get yourself, or the Koi crazy person in your life the K.O.I. **Special Package Ebook Deal.**



Receive all 25 ebooks on keeping Koi in a downloadable package.

Easy to read on computer (can use key word search) or print and place in notebook. A long lasting gift of knowledge at your finger tips.

<https://koiorganisationinternational.org/product/ebooks-package-special-deal-all-25>

Here is how it goes when you discover a problem with your fish. OMG what am I gonna do? Oh, I can just call my KHA advisor Koi Jack or maybe John or Jerry they are certified.

When fish are in trouble TIME is sometimes of the essence . If you take the course you have a head start on solving the issue, as you would have noticed it BEFORE it became a big issue.

Have you ever scratched your head and thought, How the h*** does Vagabond do it with all those fish in and out all the time? He took the course and believe me it came in handy.

Become educated and be a better pond keeper. If you have a general question about the information the lessons provide you can ask John or Jerry about it. For more detail information click the photo and it will take you to the K.O.I. site and just follow the links. ***Jerry founder of Vagabond Koi Rescue and Rehome.***



AKCA

[Click to be directed to website](#)

Sure, you know everything there is to know about your pond and koi.

That is right up to the second it all goes south!

Parasites, water parameters, pond or filter issues, WTF (udge) is wrong here?

Ohhh I'll just call someone! Tic toc time is wasting. Fish need help!

Sound familiar? Welllllll take the course and learn what you really know!

John and I, Jerry, have both taken the course and learned quite a bit about our pond and fish.

You owe it to yourself and you koi to learn.

Latamer P Koi



[Click image to view site](#)

UNQUESTIONABLE QUALITY, CHAMPIONSHIP RESULTS

COLOR-ENHANCING

2019 WINNER
All Japan Koi Show
Grand Champion
Mr. Zhou Tian Zhang



Koi Organisation International

Koi Upside Down?



We can help!

Learn Online
www.KoiOrganisationInternational.org



Click the image to view their website.



Click the image to view their website.

NIJIKAWA®

Designed for Your Koi

RE: THE PREMIUM KOI FOOD

KOI BREEDERS WORD from Niigata, Japan

Marudo:

"Nijikawa was used for yonsai Chia koi and Karashi koi, "boom-boom" growth! Will use for core variety next year."

Koda:

"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:

Nijikawa reminds me the great quality koi feed made in Japan 30 years ago! Only 15% used in Sansai pond, it completely changed the koi this year!

Marusaka:

Nijikawa was used at all ponds with different mixing ratio. Great Growth and Great Conditions!

Ozumi Ikarashi:

Nijikawa was used at all ponds with different mixing ratio. Great Improvement on Conformation. Koi are Healthy and Active!



+1 909 392 8889 Sales@NijikawaUSA.com

www.NijikawaUSA.com

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.

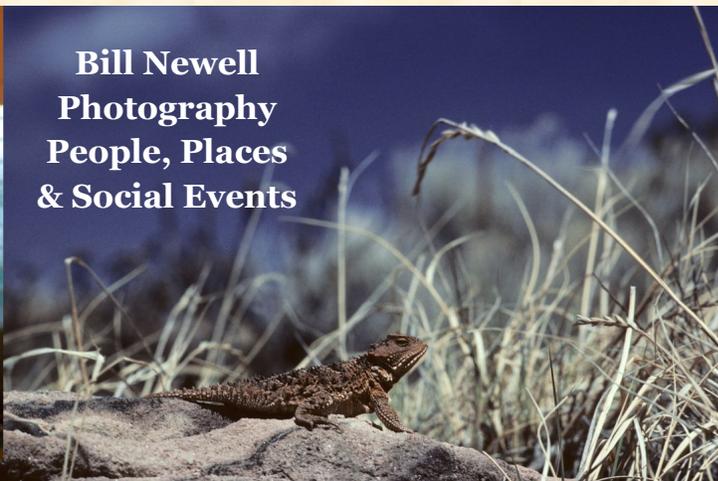


Phyllis Spoor
Sparkley Hat Photography
Nature, Landscape &
Club Special Events

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
Photography
People, Places
& Social Events



Beautiful Japanese Style Garden Structures
 Unique Designs-Fine Materials-Quality Workmanship



Installed in the San Diego area or shipped nationwide



WOODSHOP.COM

Joe Wood 619.462.9663
 lic #523278

Aquaticwarehouse.com

Aquatic Warehouse is San Diego's premiere pond supply and koi food store with over 24 years of professional experience in the hobby.

We Have Beautiful Koi For Sale
Pond Supplies And Koi Food
Medications
Pumps And Filters



5466 Complex ST
 Suite 204
 San Diego, CA 92123



Aquatic Warehouse
 (658) 467-9297

Thank you to our newest advertiser for
 Click the photo to go to website



- **Screen Printing**
 - **Embroidery**
 - **Vinyl**
 - **Sublimation**
- Custom shirts, mugs and more...



8660 Miramar Rd, Ste K
www.Tiger-Ts.com
 858-271-0955



BEAVER CREEK AQUATICS

Justin Beaver
 tel: (619) 277-7933
 fax: (619) 258-5722
 email: info@beavercreekaqua.com

- Pond design
- Consultation
- Installation
- Troubleshooting
- Repairs
- Deep cleaning
- Scheduled maintenance



NIJIKAWA

California Aquatics
 10161 Buena Vista Ave
 Santee, CA 92071 (619) 562-0802

30 Years of Pond Elegance!

Design, build, and maintain ponds, fountains, waterfalls, and lakes throughout San Diego County

Interactive Fountains

Splash Pads

ACREDITED BUSINESS

www.californiaaquatics.com

"we bring water to life"

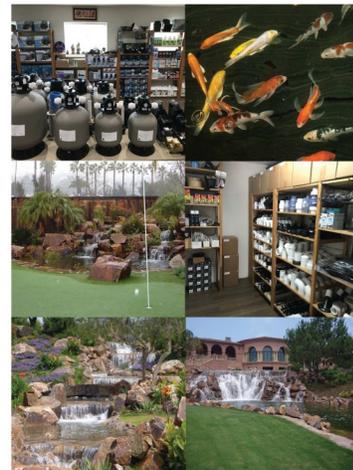


Specializing in Service, Repairs and Maintenance, New Construction and Onsite Consultation

domestic and imported koi, large selection of aquatic plants, pond liner, plumbing supplies, & pond equipment

25 Years Experience

12257 Old Pomerado Road, Poway 858-486-0033
 www.sdpondandgarden.com Gen. Cont. Lic #933311



SHOW SPECIAL 20% OFF ON ANY MAINTENANCE CONTRACT <small>(6 MONTHS OR GREATER)</small>	SHOW SPECIAL 20% OFF POND CLEAN-OUTS <small>(Expires April 30, 2019)</small>	SHOW SPECIAL 10% OFF IN-STORE PURCHASES <small>(one-time only) (excluding liner)</small>
--	--	--

10% DISCOUNT TO KOI CLUB MEMBERS



TO VIEW THE AKCA WEBSITE CLICK THE IMAGE

