

The Inland Koi Connection



THE OFFICIAL
NEWSLETTER
OF IKS
ISSUE 292
APRIL
2023

**IKS General Meeting - 2-5pm
Sunday, April 23**

427 Lee Ave., Claremont 91711 ~ 909.519.7026

This month we visit *Ed & Louise Broomfield* in Claremont. It's been seven years, and I'm excited to see how the backyard has matured or changed: it was a drought tolerant landscape of fantastic rocks, raked gravel, and an amazing assortment of botanic specimens, from cacti and cycads to citrus and evergreens, with much in between.

Ed is a retired battalion chief from LACFD; he also taught ROP and EMT classes. Louise, from NJ, spent her career in nursing. They met at a conference in Phoenix in 2001, but shortly Louise invited to California; she came...and stayed. She became Dir. of Nursing at Pomona Valley Community Hospital. In her tenure, she expanded the ER service from 12 beds to 49 beds and 24/7 service — enormous growth, but needed to serve the ever-expanding and freeway-rich residential area.

They bought this '70s house in 2002. It had many *unfinished* backyard projects and for the most part, the yards were all dirt.

They began their own projects, bringing a peaceful personality to every corner. The front yard is a dryscape with large segos, yucca and palo verde, and a wonderful collection of a special type of Mexican stone — huge sentinels watching over the neighborhood. A low wall and wrought iron gate open to a shaded courtyard and conceal the pond, which is concrete. Measuring 15' x 7' x 5' deep, it's above ground with a wide bullnose cap and a higher end wall that accommodates a waterfall; the equipment hides behind it.

This is the third pond. First was an 18-inch deep prefab that raccoons would have loved: small and easily dropped into a landscape, the critters make them private buffets.

The second was larger, 36" deep; it housed 17 beautiful koi, all at least 34". Two days from returning home after a 4½-month trip — with great maintenance arranged for the pond — they were called with bad news: all was lost! The pond service had come to do a scheduled water change and had turned on the water, then left to respond to an emergency. A neighbor found the water running into the street the next morning. About \$100 worth of water was lost, and all 17 koi. It went to court and became a six-month battle with the insurance companies...a sad tale to tell, but their expert appraiser prevailed. They did more projects...and eventually replaced their koi.

So, raccoons and excessive water changes can be killers, but the Broomfields also lost four koi once to an outbreak of *Costia*, which was identified microscopically and successfully treated by Mystic Koi.

Our speaker this month will be Eric Triplett, always full of new information. Remember to bring your chairs, something for the buffet, and perhaps a gift for the raffle table. *Looking forward to seeing you next Sunday!* 🐾



Our hosts,
Ed & Louise
Broomfield

WHAT'S GOING ON...?

Thankfully the Board has finally found a 53-foot shipping container to use for storing all of the club properties, in particular the show tanks and equipment used at Koi Auctions, and it has been delivered to the Zoetemelks' back lot. The rented storage unit will be emptied as soon as possible, and the \$2500 cost will be "paid back" within a year by NOT paying the monthly rent anymore — which recently was increased another \$20 to \$203.50 per month.

We are still searching for someone to take over the *newsletter*, and for someone with *website experience*. Take a look at our site and, if you know how to play with it, consider volunteering to relieve our webmistress who lives in Texas.....

We're also looking

This year's Riverside Garden Tour: Saturday-Sunday, April 29-30, with set-up of the club's demonstration pond at the Riverside Elks Club on Friday the 28th. The Fales' pond will be featured among 9 gardens on tour! Since we didn't get to see it in February, be sure to go on the tour. Call the Fales if you can help at the IKS display.

Coming dates:

Board: 4/2 at the Zoetemelks'	Mtgs: 4/23 at the Broomfields'
5/7 at Brenda Aker's	5/21 at Norco HS Pond
6/4 at _____	6/25 at Tony Coby's
7/9 at Milfelds'	7/23 at Aiko Howo's

Start thinking about taking great pictures of your favorite koi and of your pond for a future "of the Year" competition....

Keep our club president, **Ed Kushner**, in prayer as he continues his battle with cancer; cards & notes would be a great encouragement.



MARCH KOI ID [left to right]

TANCHO SANKE

SUMI GOROMO

SHUSUI

Did you get them right?

MEMBERSHIP RENEWALS TO DATE

Members listed below have turned in their dues and renewal forms for 2023. The list was culled end of March!

Aguilar	Houston ~ <i>honorary</i>	Pollock
Aker	Howo	Poyle
Alexander	Hunter	Ross
Atkiss	Hurley	Rowland
Broomfield	James	Svelan ~ <i>honorary</i>
Coby	Kushner	Walters
Dirac	Lei	Wolf
Elkind	Leverett	Wright
Fales	MacLaren	Zara
Fraday	Mall	Zehm
Grushen	Marrin	Zoetemelk
Hamilton	McClain	
Hanson	McHan	
Henry (Bonnie)	Milfeld	<i>Are YOU listed?</i>
Henry (Richard)	Mouw	Krause, Robert (<i>new</i>)
Hille	Palacios	22710 Eton Drive
Hoffman	Pierce ~ <i>honorary</i>	Grand Terrace 92313
		951.452.9233

2023 OFFICERS & DIRECTORS

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Quality Japanese Koi & Pond Supply

Importers of high quality Japanese koi.
Complete line of koi & pond supplies.

Quarantine is done! New koi are ready for sale!

- See the **NEW ARRIVALS** page
inlandkoi.com
- 18122 Mt. Washington St.
Fountain Valley 92708**
- Monday—Saturday
10:30am—5:00pm
• CLOSED SUNDAYS •**



Phone: (714) 438-0087
Website: www.inlandkoi.com
E-mail: inlandkoi@inlandkoi.com

THE BEST QUALITY Japanese Koi
AT A REASONABLE PRICE!

Thank you to Chien Lee of *NIJIKAWA USA* and to Sandy Caldwell of **ULTRA BALANCE** for so graciously supplying IKS with a supply of nutritional koi food for its **KOI REHOMING PROGRAM**



Thank you



Spike Cover
1940 ~ 4 April 2023



In Memoriam...

Koi keepers everywhere have lost a Friend and Mentor, by his own admission, an incurable fish geek, who had a long-held philosophy regarding our shared interest that bound him to the rest of us: "It's a hobby and has nothing worth going to war over." Simplified, that attitude became his signature and byline for Koi Organisation International (K.O.I. or KOI, Inc.), of which he was a founding member ~ "If you're not havin' fun, you're not doin' it right!"

Spike Cover and his sweet bride, Ginger, joined IKS in 2009, but he was also a member of several other koi clubs, and enjoyed being a speaker/presenter at club meetings, koi and veterinary seminars. He kept an extensive personal library which he used to teach himself about koi health and disease, and he applied his knowledge to articles written for *KoiUSA*, *Nichirin*, *Nishikigoi International*, and various club newsletters.

Fish were part of Spike's life from age three, when he had goldfish in a tub. He graduated to guppies and bluegill, tropical fresh water fish in more and bigger aquariums. By his mid-40's he was ready to start a koi pond, but it took ten years to complete it and get serious about the hobby . . . and retire!** His pond was a 3000-gal system with prefilter, two 300-gal up-flow

rock-gravel-sand filters, two ¼ hp Lim pumps, and a 50K BTU natural gas heater. He had a 500-gal heated quarantine /hospital tank, and kept about 25 koi sized 16"-26".

By the end of the 90's, Spike was involved with the AKCA (Associated Koi Clubs of America) and served as head of its Scientific Committee for the next ten years. During that time, he planned, staffed and founded AKCA's KHA program, serving as Program Director, course-writer, and instructor in Anatomy, Physiology, KHA/Hobbyist Interface, Labs, and KHV; for five of those years he served as Director of AKCA's Project KHV, writing a comprehensive KHV status paper; identifying and vetting research projects including the ongoing ~\$80K KHV research project at Oregon State University.

In 2009, Spike looked beyond the faltering AKCA and joined with others as a founding member of K.O.I., the on-line group of international expert hobbyists who promote the fun side of koi keeping by teaching all aspects of the hobby — including all the good science behind keeping healthy koi and a successful pond. He was a writer and instructor, and continued being a speaker for various clubs.

****Spike retired** to "fun" from a career built on his 1963 B.S. in Mechanical Engineering (he graduated and married the same year). For the first 10 years he worked in Aerospace, playing with guns, missiles, bombs and aircraft hydraulic controls. The next 22 years, he worked in the Biomedical industry, playing with dialysis equipment, extracorporeal (heart bypass surgery) products, ophthalmic products, peripheral IV catheters, working his way up through consultant, engineer, project engineer, chief engineer, VP of R&D, President & CEO, and finally entrepreneur — the best part of it all.

We have not heard yet of services for Spike. If you would like to, cards may be sent to:

Ginger Cover
24612 Acropolis Drive
Mission Viejo, CA 92691

75TH ANNIVERSARY

Diamond Jubilee Festival of Flowers

Saturday & Sunday, April 29 & 30

FREE FLOWER SHOW • 9 AM - 5 PM
ELKS LODGE, 6166 BROCKTON AVE. RIVERSIDE

GARDEN TOUR • 9 GARDENS • 10 AM - 5 PM

TICKETS \$10
Children under 16 Free with paying adult

SUBMIT AN ENTRY TO OUR FLOWER SHOW FOR FREE!
Accepting entries Friday only • 4 to 8 pm

FREE Flower Show Seminars Include:

<p>Saturday, April 29</p> <p>10 am INTRODUCTION TO PERMACULTURE Susan Krings, Master Gardener</p> <p>Noon TREEPEOPLE'S EASTSIDE GREENING PROJECT Bryan Medina, TreePeople</p>	<p>Sunday, April 30</p> <p>10 am ENTICING & KEEPING BUTTERFLIES IN YOUR GARDEN Kathy Swanson, Master Gardener</p> <p>Noon GARDENING WITH WILDLIFE & POLLINATORS Christine Lampe, Master Gardener</p> <p>2 pm THE IMPORTANCE OF ORGANIC MATERIAL & CARBON IN ORNAMENTAL PLANTS Scott Bernol, Urban Farmer</p>
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Don't miss our Garden Fair at the Flower Show!



Find Ticket Sellers Here:

or go to: www.RiversideFlowerShow.com

Facebook/RiversideFlowerShow • 951-850-8277





Koi Emergencies: Are you prepared?



IT'S THE END OF the evening, the perfect time to sit down with your Koi, relax and watch the sunset except—what is that gash on your favorite Kohaku's head?! Panic sets in as you look closer. Looking at the other fish, they aren't acting right either. They seem to be gasping for air and uh oh, one just flipped over to show her belly. Are you prepared for a Koi emergency?

Now is the time to start a Koi first aid kit. In 20+ years of ponding, I've learned emergencies don't happen at convenient times and pond stores aren't open 24 hours. Putting together a basic care kit is relatively simple. You probably have some of the supplies already. For a handy list of emergency must-haves, see the First Aid Kit on the following page.

Items you will eventually need	
QUARANTINE SET UP	For sick fish or new fish
A SMALL SCALE	Gram scale - 50 gr. minimum capacity, 0.1 gr. resolution
MICROSCOPE WITH SLIDES AND COVER SLIPS	
EXTRA WATER PUMP AND AIR PUMP WITH AIR STONE(S)	
SUMP PUMP TO HELP WITH EMERGENCY WATER CHANGES	Some people get excited about how fast a Nascar team can change tires. Hubby and I time 100% water changes in emergencies. Woo Hoo!
SOCK NET - DOES NOT HOLD WATER	For transferring fish into tub with premixed chemicals.
SOCK NET - HOLDS WATER	For transferring fish gently and easily.
SANITIZING/DISINFECTING TANK WITH DISINFECTING SOLUTION FOR NETS AND EQUIPMENT	
LARGE, HEAVY GAUGE PLASTIC BAGS, AND RUBBER BANDS	For fish transport and/or bag therapy.
OXYGEN TANK	

Develop a relationship with a vet if you don't have cats or dogs. Make an appointment. And go in before you have problems. Expect to pay for their time and services. Vets aren't hobbyists. Hopefully if you explain your situation in advance, when you need help, the vet will help with injectibles. The time to find out is now, not when the fish is too sick. ■



Cindy Badder has been a Koi hobbyist for over 30 years. Cindy is well known for her Koi embroidery and jewelry making and has been a Certified Koi Keeper since 2006. Reach her at ccbadder@gmail.com.

First Aid Kit

WATER TEST KIT	Preferred readings or ranges for the various important parameters: Ammonia: 0 ppm pH: 7-9 Nitrite: 0 ppm Nitrate: less than 50 ppm KH: 80-120 ppm	Q-TIPS®	
		SMALL SPRAY BOTTLE	For spraying Tricide- Neo®
		SPOON	
		MEASURING CUP – IDEALLY UP TO 2 LITERS	Volume measuring devices for tsp, ml, deciliter (1/10th liter), liter
		PLASTIC STORAGE BAG	I keep extra ClorAm-X powder for emergency calls.
CLORAM-X® OR DECLOR AMMONIA BINDER®	AmQuel or ClorAm-X (one scoop = 30 cc’s and treats 235 gallons/1066 liters) or other sufficient to treat the whole pond twice.	PLASTIC BAGS LARGE ENOUGH TO MOVE FISH OR A COOLER WITH LID	Some vets insist on seeing fish to treat them.
BAKING SODA	To bring the pH and KH up quickly in case of a pH crash— Bind ammonia before bringing up pH! Very important that pH is stable and doesn’t fluctuate.	EMPTY BOTTLE	Great for mixing ClorAm-X or mixing clove oil and makes a sharps container if you inject.
THERMOMETER	For monitoring water temperature	PHONE # OF YOUR KHA ADVISOR FROM THE NEAREST CLUB	See page 84 or www.akca.org/kht/graduate
2 NETS	1 to catch the fish and a flat net to guide	TWEEZERS	
2 LARGE RUBBERMAID® CONTAINERS OR KOI TUBS	10 gallons/45.5 liters or more for a treatment area and one for recovery	SCISSORS	
5 GALLON/22.7 LITER AND 2 GALLON/9 LITER BUCKETS	Volume measuring and chemical mixing	GLOVES	
CLOVE OIL AND AN EYE DROPPER	For putting the fish to sleep, should be available at the health food store or on line.	PROTECTIVE EYEWEAR	Wear whenever using medications. Fish shake, and your eyes are usually the target.
IODINE, BETADINE OR POVIDINE-IODINE	For disinfection	PADDED MAT FOR TREATING FISH ON	You can also use sheets of bubble wrap. A trash container lid with rolled up towels and a plastic bag to make a “cradle” for the fish.
HYDROGEN PEROXIDE	For disinfection	KOI FIRST AID BOOK	<i>Koi Health and Disease, 2006 Reload</i> by Erik Johnson, <i>Step by Step Advanced Koi Diagnosis and Treatments</i> by Duncan Griffith or <i>Advance Koi Care</i> by Nick St. Erne
TRICIDE NEO®	Order it in advance, stores don’t carry it—it’s a powdered antibiotic and can be used for dips, paste or spray. Spray can be stored in the refrigerator for up to 18 months. No prescription required.	PROFORM C®	For treating Costia, Fungus etc.—have enough to treat the pond 3 times.
DISTILLED WATER	To mix the Tricide- Neo®	PRAZIQUANTEL®	For flukes
DENTURE POWDER	Wound sealer	DIMLIM®	For lice and anchor worm
POTASSIUM PERMANGANATE	Use only with safety gear	CHLORAMINE-T®	To treat gill disease and flukes
SIMPLE ROCK SALT		SMALL BOTTLE OF VODKA	You read right! Great for dissolving Praziquantel®
		INEXPENSIVE TOOL BOX WITH YOUR TEST KITS	Store away from children and pets.

April 2023



Renewals OVERDUE! - \$15

- Perks include:
 - Free access to Pondsides lectures
 - 10% Course Discount
 - 20% E-Book Discount
 - Access to Group Buys
 - Access to Archived Articles
- USA Renewals get Supplement #9
- You will **LOSE YOUR MEMBERSHIP ACCESS** to the Web Site if you don't renew now!

<http://koiorganisationinternational.org/koi-memberships>



Individual Membership Renewals WERE DUE March 1!

- Supplement #9 has shipped for all renewals
- Don't lose your privileges – renew NOW!

Congratulations Kelvin Davis – K.O.I.'s Newest CKK!

Angled Net Fittings –Buy them now!

<https://koiorganisationinternational.org/angled-net-fitting>

Meeting for K.O.I. Member Club Reps April 29, 7pm EDT

Pondsides – May 27th for Members. Topic – Plants and Ponds



Is your Club a K.O.I. Member Club?

- Member Clubs get **ULIMITED CKK Scholarships** –
 - Your club pays half, K.O.I. pays half!
- Quarterly Meetings for Club Reps
 - Learn how to make your club more successful
 - Share your ideas, get ideas from other clubs
- FREE K.O.I. Presentation for your Club
- Half-Price Courses and Labs available
- Pond of the Year Competition Awards
- Koi of the Year Competition Awards
- Champion of Champion Awards



TIP OF THE MONTH

Do You Know About Koi Food?

Vitamins start losing their potency immediately after production!

- Research showed nearly 100% loss of stabilized Vit C in 6 months.

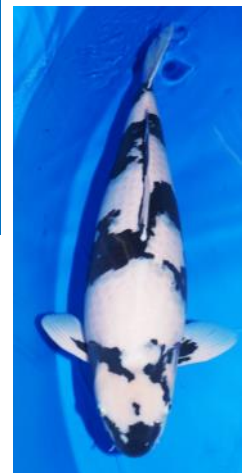
Manufacturers often use frozen ingredients:

- Frozen fish meal lost 22% Vit B1, 35% Niacin and 46% Pyroxidine in 6 months.

Food left in water degrades quickly!

- Research showed 45-98% loss of water-soluble vitamins from pellets after 1 hour immersion in water.

Learn more – take the course on Koi Nutrition:
<https://koiorganisationinternational.org/course/koi-nutrition>



Save the Date for the next **K.O.I. Pondsides Talk** **Saturday, May 27 - "Plants for your Pond"**

Kevin Fuess will cover a wide variety of topics about plants and ponds. He will discuss ponds for just plants, plants for goldfish, and plants for Koi ponds. Plants for various water depths will be shown, as well as how to incorporate plants into the landscape to beautify your pond. Did you know that some common plants are toxic to Koi? Do you know how to protect your expensive lilies from destructive Koi? Come and learn!

Log-in information will be shared by email as soon as it is received....

Future dates: August 26 ~ November 18