

The Inland Koi Connection



THE OFFICIAL
NEWSLETTER
OF IKS
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August 24

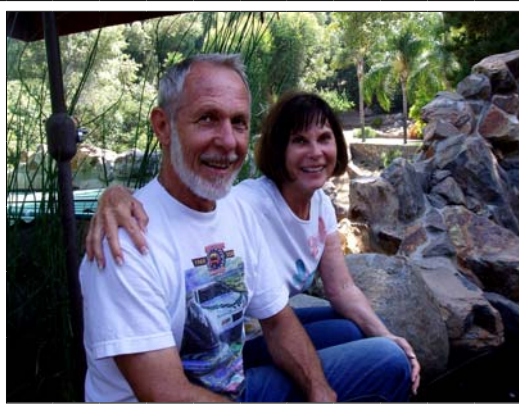
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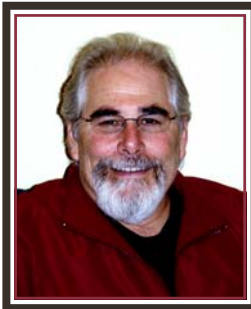
**GENERAL IKS
SUNDAY
MEETING
WITH
POTLUCK**

At the home of:

**Jerry
and Pat
Mall**

43024
Via Las Rocas
Temecula 92590





Hi All,
No one seemed to be in a hurry to leave the Milfeld's yard after our July meeting. In fact, our members appeared to be rather relaxed as they sat in the shade of Nick and Peggy's beautiful forest, listened to the sounds of their waterfalls, and enjoyed each other's company over a good meal, followed by a mid-afternoon ice-cream sundae. Nick and Peggy joined our club in February of 1996 and have been devoted members since the beginning. Together they have offered stability and integrity to the IKS and are well deserving of our gratitude. The 66

members and guests who attended this meeting fit comfortably around the yard as they listened to Nick provide a clear description of the history and specifics of their pond, dual filtration systems, and quarantine tank. I want to extend my personal thanks to Nick, Larry Leverett, and Tom Wright for presenting talks on plants in and around the pond, UV lights, and how to net koi the WRIGHT way, respectively, as this month's guest speakers.

Again, I want to extend my personal congratulations to Tom and Cindy Graham who were presented with an Award from the AKCA Seminar: 2nd Place in the Club Koi of the Year Contest. Once again, kudos to Mark Krakower who spoke about the \$637.00 dollar donations the IKS is making to both the Corona and Norco Animal Shelters from the profits of this year's pond tour. It is remarkable that our club is in the position to support our local community in this way.

Thus far, 2008 has been a very good year for our club and the forecast for the next 4 months is looking awesome. The August General Meeting will be at the home of Jerry and Pat Mall in Temecula and I keep hearing great things about their home, yard and pond. The IKS Board of Directors has put together an excellent fall line-up, thanks to the coordination efforts of Kelly Houston, our Meeting Location Chairman, and Jack Marrin, who suggested and is now organizing the upcoming OC OUTING to be held on September 28th in lieu of our September General Meeting. The October General Meeting will be at the home of Tom and Zuma Ross who completed not one but two new ponds this year. We will be wrapping our year at the home of Mac and Jill McClain for our annual Thanksgiving meeting. Mac and Jill also built a new pond this year.

Our annual outings have a strong reputation for being a lot of fun. This year we are going to be renting passenger vans and traveling to Orange County to visit the ponds of three experienced koi keepers. We will enjoy lunch 'on our own' and then visit a local Orange County koi dealer. So far, over 20 people have signed up for the trip. The cost is \$10.00 per person and includes our famous "tailgate breakfast" and transportation. We plan to meet at *Scott-Marrin Inc.*, 6531 Box Springs Blvd, Riverside, at 0800 [8:00am] for breakfast and leave for OC at 0900 [9:00am]. We are hoping for a 5:30pm [1730] or earlier return time. We will have a sign-up sheet for this tour at the August General Meeting. If you would like to attend the tour but are unable to attend the meeting, please call me to sign up and for further details.

And finally, please be considering your nominations for the Kelly Houston Koi Person of the Year Award (an individual or a couple) and our Club Koi of the Year. We will hear nominations and vote on these awards during our October meeting at the home of Tom and Zuma Ross. Koi of the Year nominations require that you bring a high resolution photograph of your koi to the October meeting. You can find the contest rules on the AKCA.org website. We are conducting this vote again in this term because the next AKCA Seminar will be held in February 2009 in San Diego. Next year's AKCA Seminar is hosted by the Koi Club of San Diego (KCSDD) and will be held simultaneously with the San Diego Koi Show. What an excellent opportunity for our club to participate in what is sure to be one spectacular event! I want to strongly encourage everyone to consider attending this event next February.

Stay cool and enjoy the hobby,

Warmest Regards, *Gene*
Gene Maingot, IKS President

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2008

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HELP LINE

References

• KOI DISEASE: <i>Certified KHA</i>	TOM ROSS	(951) 354-6444
• INFORMATION:	JACK MARRIN	(909) 792-3603
• LIBRARIAN: <i>Books, Videos</i>	TEE WRIGHT	(951) 637-5479
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The weather was hot in Riverside the day Debby and I went to interview Pat and Jerry Mall, but at the Malls' it was 10 degrees cooler. Jerry says it's always like that at their Temecula home high in the hills. Married for 35 years, the Malls grew up locally; they have six adult children who all live locally, plus four dearly loved grandchildren.

Jerry and Pat had been living in Bloomington for about 25 years when they felt it was time for a change. They wanted to move to a place where there were *more trees* and *more privacy*. When they came upon this 20-acre avocado-and-citrus-grove property in Temecula which met *both* of the aforementioned criteria, they purchased their dream. Even though they have lived here for 10 years now, Jerry insists it is still a "work in progress..."

If you want to hear incredible stories of exotic places, talk with the Malls about their love of adventure traveling. They have been on all seven continents, and proof can be seen throughout the house: they have tastefully incorporated their own photographs into artfully framed pictures hanging on the walls. One example was taken in Rwanda in 1989 of a gorilla called "Big Daddy." Pat referred to him as 'a gentle creature.' Other photographs were of giraffes, tigers, a leopard, elephants — more than I can list.

Debby toured the house with Pat while Jerry showed me his six-car garage. You guys will love this: three of the bays had Dodge Vipers—an '08, an '05 and a '98—and one of the bays is also a curtained car wash. And next to the garage is a full indoor racquetball court. I don't know if the house has a kitchen, but who cares with those kinds of amenities!

I should tell you that Jerry and Pat are the owners of **K & N Filters**, which makes air filters for cars, trucks and buses among other things and securely employs approximately 600 people. Jerry has a racing team and he drives another Racing Dodge Viper. In one race last year he had been doing over 220 mph, but when he was slowing to 170 the motor blew. The car flipped several times, yet Jerry was un-hurt! Although he said he was tempting fate and has since backed off, he still has the racing team.

Jerry and Pat's pond is a creation of beauty and love. Pat was interested, so Jerry and workers built it about two years ago. It took 1½ years of full-time workers to build the equipment and pond. The pond is 12,000 gallons with about a 5 foot depth. One of Jerry's employees, by the name of Dave Gonzales, who now does polyurea pond coatings in Texas, designed the pond and filters, and it is a thing of beauty. The pump house has state-of-the-art equipment, Lim Pumps, ½ hp and 1 hp, 2 Nexus filters, 2 bubble bead filters, and 2 large UV sterilizers. There are four air pumps, two for the Nexus filters and two for the domes on the bottom drains.

The Malls have 27 koi and according to Pat they

all have names. Jerry has one he calls Tiger which loves to jump up out of the water, gulp air, swim to the bottom and then let out the bubbles through its gills. Pat hand feeds Cheerios to her babies; one is a big Chagoi she calls Honey.

There is a pergola built from old barn lumber from the mid-west that covers the patio and part of the pond which makes you feel dreamy and want to sit, relax, and never leave. Plus, you can't help but notice the detailed rock work continuously guiding you along the walkway, steps, pond and property. The retaining wall along the driveway could be called a work of art: it's made out of boulders. BIG boulders.

This meeting will be from **3:00 to 6:00 PM**. There are soft water-misters in the Malls' garden and a soft breeze, so the temperature will be quite comfortable and the surroundings lush! Please bring your chairs and an item to share in the potluck. The Malls are soft spoken, compassionate people and Debby and I were quite honored to be let into their home, to learn a bit their of their lives, and to see their love of koi. You will feel honored and welcomed also when you experience their hospitality. We can't express this enough...

Debby & Larry Leverett, IKS Newsletter Editors

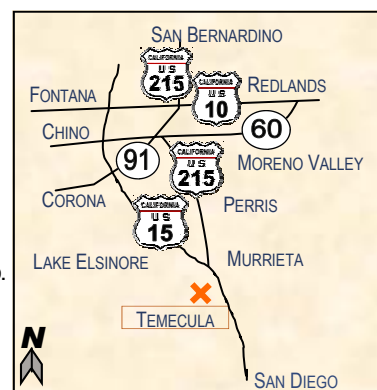
PROGRAM: Shawn McHenry of Mystic Koi & Water Gardens in Upland will be our guest speaker this month. His topic will be, "How to Select Quality Koi."

DIRECTIONS:

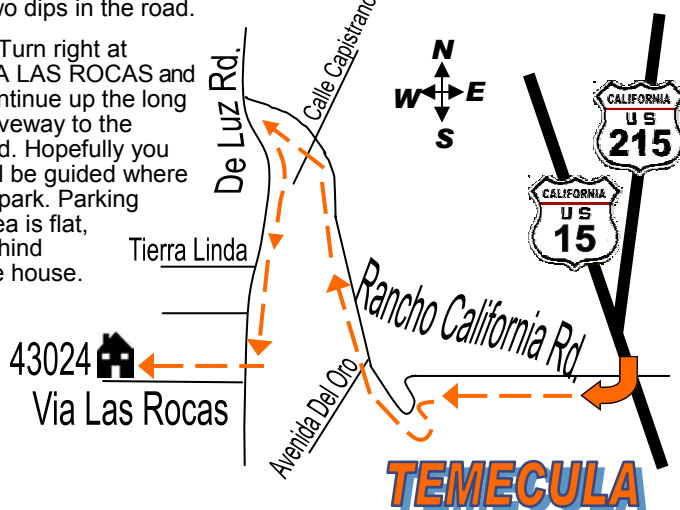
- ▶ Travel **I-15 S** toward San Diego.
- ▶ Exit **I-15** onto **RANCHO CALIFORNIA RD** and head west (right).

- ▶ Turn left at the dead end onto **DE LUZ RD.** continuing past two dips in the road.

- ▶ Turn right at **VIA LAS ROCAS** and continue up the long driveway to the end. Hopefully you will be guided where to park. Parking area is flat, behind the house.



~MAPS NOT TO SCALE~






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**"Dear Andy: How have you been?
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 downstairs for something to eat. Love, Dad."**



**"Hello, Bob? It's your father again.
 I have another question about my new computer.
 Can I tape a movie from cable TV then fax it from
 my VCR to my CD-ROM then E-mail it to my
 brother's cellular phone so he can make a
 copy on his neighbor's camcorder?"**

IKS GENERAL MEETING ~ SUNDAY, JULY 27, 2008 ~ RIVERSIDE

IKS President Gene Maingot opened the meeting after lunch by introducing our hosts, Nick & Peggy Milfeld, saying that they really add a lot of stability and integrity to the club.

POND TALK ~ Nick shared about moving to Riverside in 1988 and the reasons and decisions leading up to the creation of their fabulous backyard 'forest' and beautiful pond details.

WELCOME ~ Gene introduced 11 new members and guests, and asked each one to say a word or two. Most of them had ponds, or were planning ponds. Gene extended a welcome to all and invited the guests to join the IKS. In greeting the newest members, he encouraged them to call us with their questions and problems, expressing the hope that the club will be able to see their ponds and share their experiences. Gene emphasized the mission of the IKS which is to educate people about Koi and to promote the hobby, and announced a silent auction for two AKCA publications, the Guide to Construction and Pre-Filter/Filter books.

AWARD ~ Tom & Cindy Graham were congratulated for their Kujaku (with brilliant sheen and deep red), which was chosen as IKS Koi of the Year 2008 and then was voted 2nd place out of 104 clubs at the recent AKCA Convention.

POND TOUR PROCEEDS ~ Mark Krakower reported that the Pond Tour profits were divided up and donations of \$637 each were sent to the Corona and the Norco Animal Shelters.

PROGRAM ~ Lots of valuable information was shared in a four-man presentation designed to be a quick overview of problems common to koi keepers. It was aimed at those new to the hobby as well as those who may have become complacent with their successes so far.

- **Larry Leverett** began with a primer on Ultra Violet lights, using a sample light from W. Lim Corporation. Ross Rettig, a new member, took advantage of the opportunity and purchased the light that evening.
- **Nick Milfeld** talked about planting around a pond, focusing on trees (which means *roots*) and the potential for cracks, leaks, and eventually very expensive repairs. He emphasized practicality over of beauty, sharing his experiences with his beloved redwoods and pines, the endless

cleanup, the cement-cracking roots...

- **Gene Maingot** reminded us that we all learn from each other's painful and expensive errors. He asked, *How long do Koi live? (...until we kill them!)* and launched into a serious but light and humorous discussion: *How to Kill your Koi in 10 Easy Lessons*. All his horror stories of total kills related to water changes and water quality, lack of quarantining, etc. came from his own, members' or acquaintances' experiences.

- **Tom Wright**, 20 years a commercial fisherman, had everyone gather around the pond while he demonstrated how to net Koi the **WRIGHT** way. Tom is quick and sure with a net, and did catch a few, but even with Nick and Gene's help, the fish had the advantage—they raced to the back side of Nick's island and taunted them from just-out-of-reach!

SEPTEMBER IKS TRIP ~ Jack Marrin explained the plans for the annual IKS field trip, Sunday, September 28—a mini pond tour and buying trip. We will use several vans (instead of a big bus) to transport members to the greater Orange County area. We will visit three high-end ponds and Eastern Nishikigoi. The cost for this 'Members Only' trip is \$10 per person. IKS provides a tailgate breakfast and beverages en route, while lunch will be on your own at a prearranged stop. Reservations are required by the first week of September so we know how many vans will be needed. This will take the place of the September General Meeting.

CLUB RAFFLE ~ After a short break for ice cream sundaes, Mary Leever and Gene Maingot called the club raffle; items included bags of Koi food, fish from Inland Koi, books, etc. Winners of the silent auction books were named, and the meeting concluded.

CONCLUSION ~ This was a really good meeting. The day seemed cool because of the Milfelds' shady redwood trees. The house, gardens, and pond were, in a word, spectacular. The newsletter description was not an exaggeration; many guests may have attended just to see the pond. The Milfelds were very gracious and made all of us feel welcome. The food was good and plenty, and the information and demonstrations our club speakers gave was easy to understand and of value to everyone.

~Debby Leverett

☼ CONTINUED FROM THE JULY INLAND KOI CONNECTION:

INTO SURGERY:

Dr. Hildreth and an assistant take the patient, a 26-inch koi, to the x-ray room.



STRAPPING IN: Dr. Bob Hildreth invented this contraption to hold the fish for x-rays and treatment.

☼ STORY CONTINUES ON PAGE 9

Wednesday, June 11, 2008

It's not sushi, but you won't believe what Dr. Bob does with a scalpel and a fish By TOM BERG THE ORANGE COUNTY REGISTER

CONTINUED FROM THE JULY INLAND KOI CONNECTION & PAGE 9

...IRVINE – Medical history is about to be made.

"You might want to step back," says the surgeon wearing shorts and sneakers. "There's going to be some splashing!"

With that, he lifts a 25-inch fish named "George W" out of a tub of anesthetizing water and carries him into the X-ray room.

Fish owner Don Chandler, a retired policeman, assists while his wife, Brenda, looks on in obvious emotional pain.

"I was afraid we lost him three weeks ago," she says of the first attempt to remove an abscess from George W's swim bladder. "I'd never seen him bleed like that. I had to leave the room."

The problem here is trying to get George W to stand up straight in front of a fluoroscope, which produces live X-rays – necessary, to work on the abscess.

"Dr. Bob" Hildreth – one of about 20 fish surgeons in the nation – has one idea. Chandler has another. And George W has his own.

Last time, George W got so stressed out, squirming and slipping and trying to get back into his tank of warm water, that he spewed blood from his vent.

Dr. Bob had never seen such a reaction. He halted the proceeding. Now George W is back and Dr. Bob is about to make fish history.

Get ready because you're going to hear about fish that listen to opera, fish that recognize their owner's footsteps and fish that do the limbo. Really. You're also going to hear about a fish surgeon on the verge of a medical breakthrough with a homemade device that looks scarily like a fish torture rack.

Even better, it all started with a love story.

Contact the writer: 714-796-6979 ortberg@ocregister.com

SAVING "W"

The patient is ready, listing ever so slightly from the second pinch of anesthetic dropped into her tub of water.

"He's very gentle," Brenda Chandler says, as her husband and Dr. Bob coax a long net over George W from back to front. "He loves to eat Cheerios from the grandkids' toes!"

Dr. Bob has built a contraption for this – five Velcro straps on a Plexiglas board to contain his patient. But the men opt to use Don Chandler's contraption instead: a long net with Velcro straps that hangs on a frame. This will allow them to return George W to his water a little quicker.

George W has a common koi problem – a swim-bladder abscess that causes him to sink, which causes ulcers. Dr. Bob began treating koi with this ailment five years ago. First, he withdraws the infected fluid with a needle. Then he injects an equal amount of air into the swim bladder and voila – the koi's buoyancy returns.

Trouble is, you need to hold a squirming fish vertically in front of a fluoroscope to see what you're

doing. He never had a good way to keep the fish still, until now.

They carry George W into the X-ray room. Assistant Jesse Nunes continually douses water down George W's mouth to keep him alive. Brenda mops of the water spills with a towel.

George W appears calm. No blood. Ten minutes later they return George W to his anesthetic water to keep him sedated.

"Hey sweetie," Chandler purrs to his pet.

Another 10 minutes and Dr. Bob has removed the infected fluid and "reinflated" the air bladders.

"That went perfect," he says. "That was like butter!"

Ten more minutes and George W is swimming in his travel tank. Returned to normal for \$400.

"He's without peer," Chandler says of Dr. Bob. "There are probably five or six vets whose names are common across the U.S. and he's one of them."

But can the surgeon explain the rising popularity of surgery on pets than can't jump in your lap or your car?

"I believe animals come into your life and teach you valuable life lessons," Dr. Bob says later. "About how to care for other people and other things on earth. About how to love unconditionally."

He and Tammy own 10 dogs (one with three legs), 38 horses, 75 fish, three cats and about 100 swallows (the same ones that return to Capistrano build nests in their eaves each year and he won't knock them down because they might have eggs).

"Nobody likes to see anything die," he says. "Hopefully, that animal did something to make you a better person. We should learn something about ourselves from every animal we own."

Even a fish.

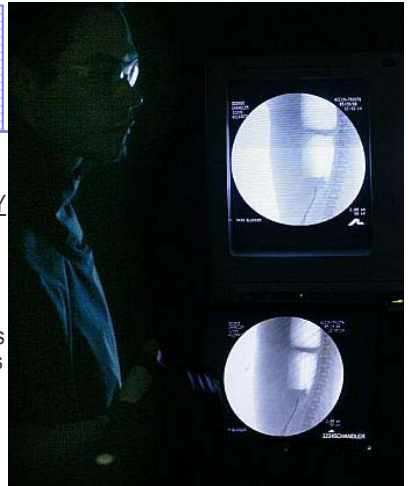
All photographs taken by STEVE ZYLIUS, THE ORANGE COUNTY REGISTER

NEAT: Dr. Bob Hildreth invented this contraption to hold the fish for x-rays and treatment. Here, they ready the patient for fluoroscopy (live x-rays).



TAKES A STEADY HAND:

The surgical team works as monitors show Fluoroscopic images of the fish's insides. Everyone on the team wears lead-lined vests and gloves while the fluoroscope is on.



FISH GUTS

An x-ray of a 26-inch koi is analyzed on a computer monitor. They call the patient "big boy."



SLIPPERY PATIENT: Don Chandler, left, owner of George the koi fish, vet tech Jesse Nunez, center and Dr. Robert Hildreth, right, retrieve George out of a holding tank where they anesthetized the fish for treatment of an infected swim bladder.



WAKEY WAKEY: A 26" koi fish slowly comes around after being treated by Dr. Hildreth.

WELCOME

<i>NEW MEMBERS</i>	<i>CITY</i>	<i>JOINED</i>	<i>NEW MEMBERS</i>	<i>CITY</i>	<i>JOINED</i>
DENNIS & JERILIN CUMMINGS	MENIFEE	06 - 08	JOEL & PATTI PARKER	MURRIETA	06 -08
GARY & SHARON DIBBEN	VICTORVILLE	07-08	RANDY & JOAN REDDEN	RIVERSIDE	06 - 08
RICK FARAG	RIVERSIDE	06 - 08	ROSS & BONNIE RETTIG	REDLANDS	05 - 08
JOHN & LANA FUTRELL	NORCO	06 - 08	GEORGE & BARBARA SCHRADER	BEAUMONT	06- 08
MARY GODSHALL	CORONA	06 - 08	ANTHONY & KAILEEN SPATOLA	RIVERSIDE	04 - 08
BOB, BONNIE, & ERIKA HENRY	GRAND TERRACE	06 - 08	LARRY & GLYNN THOMPSON	RIALTO	07-08
GARY & ALICE JACKSON	PERRIS	06 - 08	ERIC & BRANDI TROXEL	RIVERSIDE	06 - 08
DAVID & CLAUDIA KING	NORCO	06 - 08	GREG & PATTY UEMATSU	TRABUCO CANYON	06 - 08
AL PALACIO	RIVERSIDE	06 - 08	LARRY & DOROTHY WOLF	RANCHO CUCAMONGA	06 - 08

IKS HOPES YOU ENJOY A FUN AND INFORMATIVE ASSOCIATION WITH OUR CLUB! FOR EXTRA HELP, QUESTIONS, OR INFORMATION, BE SURE TO REFER TO THE 'HELP LINE' ON PAGE TWO.

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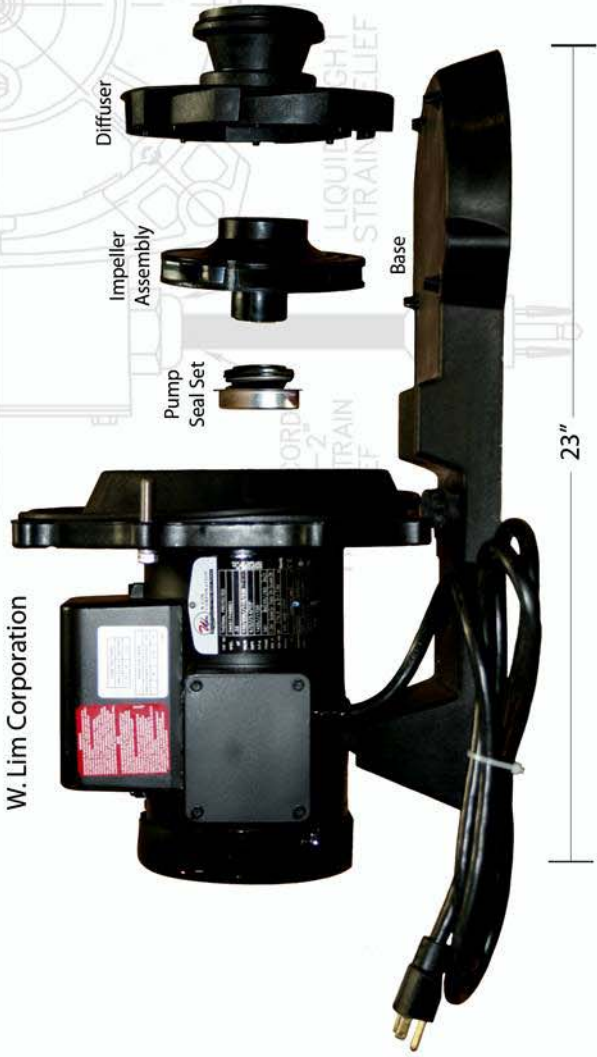


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POLYUREA POND LINING

BUILDING MY FIRST POND *by Steve Rhodes, IKS Member*

While building my first pond, a personal goal was to do all the construction work myself to save money and to have a better understanding of the process. But after researching a number of solutions for lining my new pond, I chose to hire a contractor to spray a polyurea coating. I thought a brief article on my experiences would be good to share with club members. Every liner/sealer option has its pros and cons, and here are some for polyurea.

PROS: It is a puncture-resistant and extremely durable surface. It has the ability to withstand stress from cracking and twisting (earthquakes), and can stretch up to 700% before tearing. It can be sprayed onto geotextile fabric to form semi-rigid surfaces. It is fish-safe, UV-stable, and impervious to chemicals.

CONS: It is more expensive than most other options, running somewhere around \$10 to \$12 per square foot. It doesn't adhere well to plastic or metals. It is not a DIY coating (although there are some DIY kits available for a low-pressure, low-temperature application)

POLYUREA ON FABRIC: One advantage of using polyurea is its ability to be sprayed onto a geotextile fabric. When using geotextile, the expensive steps of concreting a pond shell or building block walls can be skipped. This can make the cost more tolerable as many other construction costs might be avoided. When using geotextile, the fabric can be simply draped into the hole then sprayed, or cut into smaller pieces and taped together to help avoid wrinkles in a free-form shaped pond. Another technique is to spray the smaller pieces first to make them into semi-rigid panels, and then bond them to existing panels by using more polyurea spray as glue. This last technique was used around my skimmer to form a smooth transition from the plastic to the concrete shell. The polyurea soaks into the geotextile fabric and, after drying, forms a tough material reminiscent of an automotive tire.

MY EXPERIENCE: I started with a DIY concrete shell, but polyurea can be sprayed onto fabric or nearly anything that can form a mold or shell, even plywood.

Day 1.

The commercial applicator (Jeff Dunkel from Aquatic Coatings) arrived with two assistants and a huge truck full of equipment. After inspecting the pond shell that I had prepared, Jeff decided to use a primer to soak into the cement for better adhesion while providing a less porous surface for the polyurea. First the exposed plastic skimmer, bottom drains, and return pipes were roughed up with sandpaper. Then a two-part epoxy primer was rolled on with long-handled rollers. After a couple hours it had set up and a second coat was rolled on. This primer hardened to form a thick epoxy coating over the entire shell. The pond was left to harden overnight.

Day 2.

Workers arrived early at my house and used sheet plastic and tape to protect everything around the pond from overspray. This is an important step because I've not found any chemical that will remove polyurea overspray without destroying the item you are trying to save. Cardboard was taped to the inside of the skimmer and exposed pipes were plugged to keep them from filling up with material. Polyurea is a two-part elastomer coating (resin and hardener) that is heated to around 170°F, then applied at high pressure (1200 psi) through a mixing valve in the spray gun. It takes a lot of equipment to maintain stable temperature and pressures on each of the components, and if anything is off by a small percentage, it affects the final product. To reach our pond from where the truck was parked, they had to use 200 feet of hose; it was heated along its length and had temperature sensors embedded into the cable.

After donning the appropriate safety gear and respirators, the first coat of black polyurea was sprayed onto the primed shell. The spray dries to the touch within seconds. Unlike paint, the gun

delivers the spray in a powerful and heavy pattern. A couple passes of the gun can build up 1/8 inch of polyurea quickly. The material has a window of around 8 hours where subsequent coatings can be applied and will form a chemical bond to the previous coat. Repairs or design changes (i.e., making the pond larger), can be made at a later date, without ripping out the entire liner, by roughing up the surface and overlapping with new spray.

Polyurea doesn't adhere well to PVC or ABS plastic, so protrusions like bottom drains, skimmers, return pipes, etc. need a mechanical clamp to form a tight seal. After the first coat was applied, stainless steel clamps and bezels were installed, much like you would on a normal liner, then polyurea was sprayed over these clamps to completely encapsulate them.

After the initial coat was finished, everyone climbed into the pond and did a close inspection, looking for anything that resembled a pinhole. When suspected pinholes were found, they were filled with a white polyurethane marine sealant. Then a second and final coat was sprayed over the entire pond.

So, at the end of the second day, I had a one-piece, bullet-proof liner made from one of the toughest materials one could imagine. The thickness ranges from about 1/16 inch to over 1/2 inch in some areas. Although dry to the touch, the crew recommended waiting 24 hours before adding water. I figured this gave them plenty of time to get out of town before I found any problems...but fortunately it has been flawless.

As with any liner or coating, a proper base and preparation of the surface is the key to a satisfactory job. Polyurea has the potential to last a lifetime and survive even the harshest conditions. For me, the polyurea liner has been flawless, attractive, and even a good value since I plan on keeping the pond for many years.



August 4 - Workers apply the epoxy primer.



August 4 - Epoxy primer soaks into the concrete and hardens.



August 5 - First coat of polyurea is sprayed on.



August 5 - Geotextile material is applied around skimmer.



August 5 - Finished and ready for water.



Skimmer opening was protected with cardboard; cutaway shows the thickness of the Polyurea in some places.



I Have a 5200 gallon pond (3 feet deep), until recently I have always had 16 koi (all approx 8" to 9"). A friend of mine has decided that he no longer wants his Koi (Fingerlings approx 3" to 4") and gave seven of them to me. They are fantastic fish, but I am concerned about over loading the pond. Right now I have all of the new koi in a 120 Gal aquarium and I plan to add them to the pond two at a time. Trying to make room for the new Koi by removing some of the Koi already in the pond is very difficult and demanding. Can I just add the new Koi for a total of 23 Koi without causing any overload problems?



You might want to post your question on the KHA board for more opinions. But I'm here, so the quick answer is that you should keep new fish in quarantine for at least three weeks (more is better) at 70 to 80 degrees. This will give any active KHV a chance to appear. They could also be latent carriers but it's pretty hard to tell with a fingerling, you have to draw blood. If you know the donor pond's history (wild spawn? imports? known source?) it helps. Also the new fish should be checked for parasites before you add them to the pond; any treatment is much easier in 120 gallons than 5200, not to mention netting them.

There is more to stocking density than just pond volume. If your filtration and turnover is adequate you might be okay with 23 based on the 200 gallons per fish (minimum) rule. This means one turnover per hour, and plenty of filtration including a prefilter and bioreactor. The design of the pond can also make a difference, hopefully it has fairly vertical sides and minimal shallow areas. Right now there should be no problem, but once they grow to two feet you may want to pull a few out if you want maximum growth for the rest. ~KHA Tom

Have You Heard?

Ed Rugh built new wooden cabinets for the IKS Library. Tee Wright, IKS Librarian, really enjoys the handles because it makes the books much easier to transport from place to place. "Good Job!"



Mike & Mickie Brooks finished remodeling their home just before they were on the IKS June Pond Tour. "Beautiful!"

Jim & Earlene Hearn were able to travel to the Fiji Islands this year. "Wow!"

Theo & Jeannie Zoetemelk became Grandparents for the first time (a girl).



"Congratulations!"

Gene & Cecelia became Grandparents for the first time (a boy).



"Congratulations!"

Bob & Vickie Simmons expected a grandson to be born in July... "Here yet?"

Timothy Law is finally recovering from his serious undiagnosed illness. "Thankful!"



Hi Debby and Larry, I hope this note finds you well...and cool. I just received news of a person in San Clemente who wants to sell his 100 koi to a good home. He is not in a desperate rush but wants to make plans now. I am told these koi are 10 years old or more. My contact is Mike Kuhar who is a friend of the owner, Stewart Ross. Mike has said he would field all the inquiries at 949-422-8162. I understand this owner will make a "good deal." Let me know if you know of someone interested. Pam Spindola

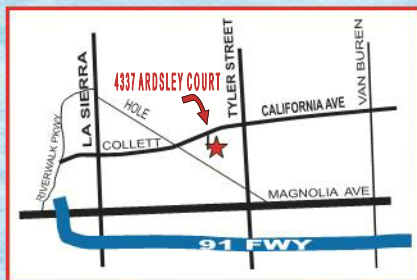
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**INLAND KOI SOCIETY
PROGRAM PLANNING CALENDAR 2008**

REGULAR MTG 4th Sunday	HOSTS Address	PROPOSED PROGRAM Speakers	BOARD Wed. after Mtg
August 24	Pat & Jerry Mall 43024 Via Las Rocas Temecula 92590 (951) 506-4814	Shawn DeBrosky of Mystic Koi - Topic to be determined	August 27
September 28	Trip to Greater Orange County Area Rented van transportation. 10 persons per van	See information below in ALERT! IKS BUS TRIP 2008	Oct. 1
October 26	Tom & Zuma Ross 11830 Ridgecrest Drive Riverside, CA 92505		Oct. 29
November 23 <i>Thanksgiving 11/27</i>	Mac & Jill McClain 16130 Red Pony Lane, Riverside, 92504 (951) 398-7048		Nov. 26?

2008
Coming Events

AUGUST	15	REDLANDS SUMMER MUSIC FESTIVAL ~ 8:15 pm. Redlands Bowl / Brookside Avenue at North Eureka Street / Redlands, Ca 92373/ Free / (909) 793-7316 www.redlandsbowl.org
	16	FOOD, WINE & FLOWER FESTIVAL ~ at the Crossings at Corona shopping center / 2470 Tuscany Rd., Corona. Exit I-15 at Cajalco Rd. exit/(951) 284-1050
	16-24	68TH NISEI WEEK JAPANESE FESTIVAL ~ The 68th Nisei Week Japanese Festival, including the Grand Parade, Street Fair and Street Ondo in Little Tokyo Los Angeles. For more information, please call (213) 687-7193 or visit www.niseiweek.org
	23	GARDEN WALK ~ 11:00 am/Stroll through our 15,000 Sq. foot rooftop gardens, and learn about our local flora and fauna./Free-All ages/ Highland Branch Library/27167 Base Line Street /Highland, CA 92346 San Bernardino County Library/(909) 387-
	22-24	I. E. JAZZ FESTIVAL 11 ~ Cucamonga-Guasti Regional Park in Ontario www.iejazz.com
	24	IKS GENERAL MEETING & POTLUCK ~ 3-6 pm. At the home of Pat & Jerry Mall in Temecula. For more info, contact Kelly Houston (909) 885-2503.
	27	IKS BUSINESS MEETING ~ 7 pm / <i>All members of IKS welcome!</i> 6531 Box Springs Blvd, Riverside / Gene Maingot at (951) 272-4450.
	29-31	ORANGE INTERNATIONAL STREET FAIR ~ An annual tradition during Labor Day weekend "Around the World In 3 Days" http://orangestreetfair.org

SEPTEMBER	01	LABOR DAY ~ Labor Day is a national legal holiday that is over 100 years old. Over the years, it has evolved from a purely labor union celebration into a general "last fling of summer" festival.
	05-28	LOS ANGELES COUNTY FAIR ~ Pomona Fairplex 1101 West McKinley Avenue, Pomona, 91768 (909) 623-3111 www.lacountyfair.com
	06-07	TOSHIBA TALL SHIPS FESTIVAL ~ Grass Park Activities, Chantey Concert, Art & Craft Show, Food Court, Living History encampments and Vendor area FREE / Dana Point / Call Ocean Institute (949) 496-2274, www.tallshipsfestival.com
	07	GRANDPARENTS DAY ~ Nobody can do for little children what grandparents can do
	12	AKCA BOARD MEETING ~ 7pm / 529 E. Blueridge Ave Orange, CA 92867 / Call Kelly Houston at (909) 885-2503 for more information.
	22	FIRST FULL DAY OF FALL ~ 🍎🍇🍎🍇🍎🍇🍎🍇
	28	IKS TRIP ~ 8:00 am - 5:30 pm Van trip to two ponds in Fountain Valley, one in Costa Mesa, one in Westminster and a <i>quality dealer</i> in Westminster. For further information contact Jack Marrin at (909) 792-3603
	Oct 01	IKS BUSINESS MEETING ~ 7 pm / <i>All members of IKS welcome!</i> 6531 Box Springs Blvd, Riverside / Gene Maingot at (951) 272-4450.



IKS BUS TRIP 2008 For this year's bus trip, the club will be visiting several koi ponds and a koi dealer in the Orange County area. The trip is planned for Sunday, September 28 in lieu of our regular general meeting. As in past years, the cost will be \$5.00 per person which will include transportation to the koi ponds and koi dealer and will include our famous tailgate breakfast as in years past.

The pond owners will include Burt and Gloria Ballou whose main pond is a converted swimming pool of more than 30,000 gallons. Their pond has been featured in several koi magazines and contains many jumbo grand champion quality koi. We are also scheduled to visit the pond of Mark and Charlene Whelan whose pond is over 6 feet deep and features a 15 foot wide waterfall. Additional ponds will feature exquisite landscaping and current and former grand champion koi show winners.

We will also visit Eastern Nishikigoi, one of the premier koi dealers of Orange County. The owner of ENKOI, Ken Tran, will provide a tour of his facility including his large Grand Champion koi selling pond complete with his Bakki Trickle Tower Filters.

Final information will be available at our August IKS general meetings as well as sign up sheets. Cost will be \$10 per person. Hours 8 am - 5:30 pm



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Japanese
word for
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The Inland Koi Connection is a publication of the Inland Koi Society. Material is selected for the club's interest in ponds, koi, gardening, and other activities. IKS Officers and Directors accept no responsibility for accuracy of content. Reproduction is permitted provided this newsletter is credited as the source. Deadline for newsletter items is the 5th day of each month and items should be submitted directly to Editor, Debby J. Leverett at 5349 Jasper Lane - Riverside, California 92506 Phone: (951) 781-3887 E-mail: jenniferdl1950@hotmail.com



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Return Service Requested



**Potluck will
be set-up
in the
sunroom...**



Mall's pond equipment

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