

The Inland Koi Connection

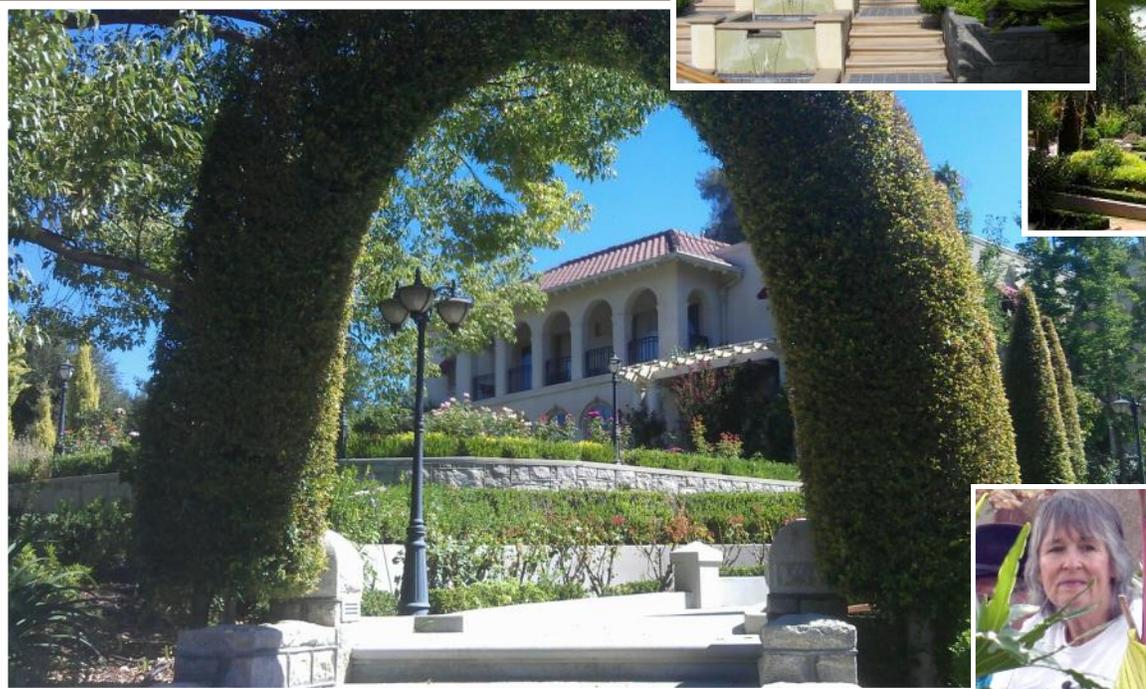


THE OFFICIAL
NEWSLETTER
OF IKS
ISSUE 226
SEPTEMBER
2015

September 27 Potluck Meeting
Sunday, 3 ~ 6 PM

**Come Tour the Gardens of
Jack & Norma Marrin**

1225 Cajon Street
Redlands 92373
909.792.3603



The IKS Board meets monthly, generally on the Wednesday evening following the Sunday regular meeting of the club. Meetings begin at 7:00pm and are open to any interested members.

At the August 26 meeting, hosted by the Fales, we discussed:

- **Disappointing turnout for the joint meeting in San Diego** with only 20 attending. It may have been the heat, but an expensive trip for so few. Need a source for a smaller bus. Lunch, a potluck provided by KCSD, was huge.
- **Confirmed** meeting plans for October 25 at the McGarveys in Yucaipa. The Malls invited us to have Thanksgiving with them again on November 22, in Temecula.
- Received a \$250 donation from KCSD for our Scholarship program and we will award two this year. In turn, IKS donated \$200 to San Diego to support *Vagabond Koi*, their koi rescue program. They have over 700 fish in above-ground pools that are adoptable, including goldfish and trout!
- There are no rescues pending locally, but former members want to sell a huge assortment of koi, including long fin, in preparation for selling their home. [See page __ for more info.](#)
- **Tom Wright will chair a Nominating Committee** in anticipation of elections in November. There are two Director and two Officer seats vacant, and several appointive/volunteer jobs available. Who is willing to get involved with the success of IKS?
- **Health Report:** Sandy Hanson was in the hospital in mid-August; diagnosed with stage 4 cancer. The Board sent flowers.
- **AKCA:** ◦ *Koi USA* will now be on the rack at Barnes & Noble, priced at \$6.95 (club price is \$25 a year). ◦ **2016 Seminar** will be in Cedar Falls, Iowa; Sunday tour will be to Kloubec Koi Farm.
- **Next Board meeting** will be Wed., Sept. 30, at [Rodrigo's Mexican Grill](#), 150 W. Parkridge Ave., Corona 92880 ~ (951) 738.0373
Note: You cannot exit the 91 Fwy on Main St. north in Corona.

~ Peggy Milfeld, Secretary

Further Health Reports: *Dennis Lynaugh* will have back surgery on Tues., Sept. 15, to relieve a pinched nerve and remove calcium deposits on his spine. Hopefully the procedures will relieve the pain that has caused weakness in his legs and difficulty walking. Dorothy has asked for prayers for him and herself as she cares for him.

Printing Connection, Inc.
Austin Cords
951.351.9437
printingcolor@yahoo.com
9671 Magnolia Ave.
Riverside, CA 92503

Wall to wall, we print it all! 800.491.1964

BOARD OF DIRECTORS

President: **Position Open**

Vice President: **Rob Fales** ~ Mtg Sites & Speakers
(951) 279-0181 ~ Rob_fales@inlandkoiociety.org

Secretary: **Peggy Milfeld**
(951) 780-7395 ~ milfeld@msn.com

Treasurer: **Nick Milfeld** ~ Membership
(951) 780-7395 ~ milfeld@msn.com

Newsletter Editor: **Position Open**

Director: **Deanna Fales** ~ Raffles
(951) 279-0181 ~ Rob_fales@inlandkoiociety.org

Director: **Ed Kushner** ~ Koi Rescue
(951) 520-0092 ~ edkushner@inlandkoiociety.org

Director: **Jack Marrin** ~ Info, Club Properties
(909) 792-3603 ~ jack@marrin.com

Director: **Randy McGarvey** ~
(909) 534-5776 ~ randymcgarvey@inlandkoiociety.org

Director: **Tom Wright** ~ Koi Health
(951) 990-5479 ~ TomWright@inlandkoiociety.org

IKS HELP LINE

Koi Health, K.O.I. Rep.: **Spike Cover** ~ (949) 855-2371

Librarian: Books & Videos listed on IKS web-site
Audrey Rowland ~ (951) 233-3671

Database: **Orville Hanson** ~ (951) 682-3107

Web Master: **Alecia Everett** ~ ikswebmaster@yahoo.com

Badges: **Jack Marrin** ~ (909) 792-3603 ~ jack@marrin.com

• **When calling our volunteers, you might get a recorded message. Please suggest a time when you're home to receive a return call, or when you would like to call back.**

• **Remember that phone advice is given based on your input; the ultimate responsibility and treatment remains with you.**

The IKS donor community needs 24 donations a year to continue. Bob Henry can't cover our lack any longer. Will we keep it going?

TODAY

Is there a blood donation on your calendar?
Remember to credit IKS when you give!

This month we'll meet at Jack & Norma Marrin's historic Heritage Home in beautiful Redlands. If you haven't been there before, you'll be amazed at how they are slowly developing the whole five acres (*wear your walking shoes!*). The house, purchased as a fixer-upper in 1986, was surrounded by waist-high weeds, massive 90-year-old oak trees, and neglected landscaping. They started refurbishing the home and creating the gardens – with a detailed plan to guide them. A garage built for Model T's was falling apart, but plans to replace it were rejected by the zoning department; Jack left the original walls and built the new garage to enclose them.

Jack & Norma's research, knowledge and creativity shine in the master plan, which surrounds the house with various "theme" gardens. The *Roman Garden* comprises the whole back yard, with the swimming pool, reflecting pool, columns and life-size marble statues, and two 2,500-gallon koi ponds. The ponds are made of concrete with waterproof liners. Both have bottom drains and flow to sand filters converted to bead filters. Two-speed pumps pull water from the ponds, through filters and UV lights, and back to the ponds. Be sure to notice the ancient Roman design tile floor in the dome-topped gazebo where they've hosted many civic and private events. We will probably meet around the pool, with level ground for chairs.

On the southeast side of the home, Norma designed and has worked extensively with a series of raised beds, with plants and colors to resemble a *French Garden*. With its multi-level terraces, elaborate system of raised planter boxes, and the hand-carved marble wellhead, it is reminiscent of the Gardens of Versailles. Her small and serene *Mary Garden* is perfect for quiet meditation.

The whole front yard was torn out about seven years ago, replaced by a four-foot-wide formal 'stream' running from the front door to the edge of what Norma and Jack call the front terrace. The grassy terrace is ringed in ARS-awarded roses from family birth years and has been the site of several weddings in the last few years.

At almost street level in the front is the finally finished *Italian Garden*. Big oak trees were moved to a different area of the property, along with several other trees, to make way for it.

When we met here in 2010, the rough grading of this garden was visible; by the 2012 Pond Tour, the colonnade and Had-donstone stairs leading down to it were finished. Now, that area should be done, and perhaps more of the *Tropical Garden* on the west side of the long serpentine driveway.

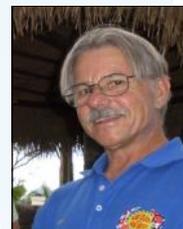
Future garden plans include a *Japanese Garden* in the lower western area of property. There will be two large koi ponds cascading down the hill and an authentic Japanese Teahouse. Slowly but surely the master plan is becoming a *fait accompli*.

There is so much to see here that you just have to come to experience it. If you do not usually come to meetings and just read the newsletter, as a member, I urge you to try to make this meeting. You can come at 2pm — an hour early — to take a tour of the grounds with Jack or Norma. You won't be disappointed!

Jack & Norma joined IKS about 1995. Since that time, Jack has been President of IKS and an AKCA Rep.; he has shown championship koi and has won the Champion of Champions trophy for having the best champion koi in the USA. Norma was the artist-designer for our T-shirts for several years — shirts coveted by koi keepers across the country — and has done many designs for AKCA and Koi Club of San Diego. Together they own one of the few companies that make smog; actually, they make and bottle gases, smog being one of them. Smog stations use this bottled gas to calibrate their smog-testing machines. They make many other gases for universities and companies that need a pure type of gas for research and product development. Our field trips start in their parking lot, and our Board of Directors has met around their conference table for many years.

When you arrive, there are two places to park. You can enter the driveway from Cajon and park on the left (west) side only; that will leave room for exiting drivers to pass by your vehicle. You may also park on Summit Avenue and enter the back yard from Bow B Ave. Be sure to bring your potluck dish to share with everyone, and your chairs. Items can be stored in the Marrins' kitchen if you come at 2 PM for the hour-long tour prior to our general meeting from 3-6pm. Volunteered raffle items are always appreciated.

Our speaker this month will be John Svelan, membership chairman of Koi Club San Diego. He will continue his tutorial on Koi Anatomy ~ Part 2. Come pre-

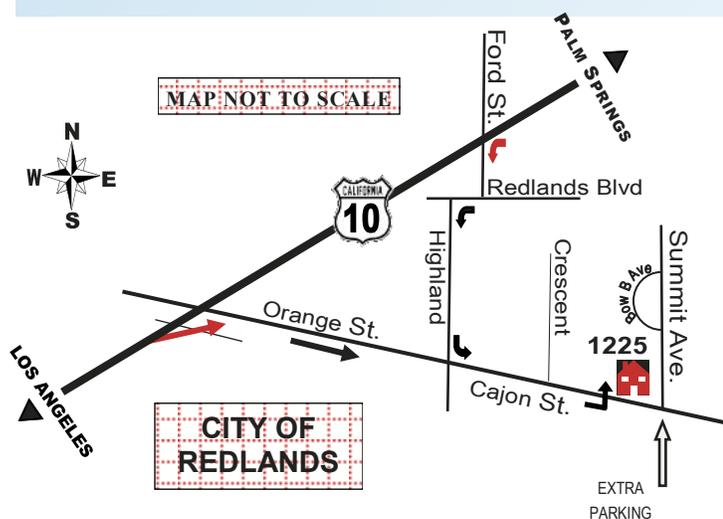


DIRECTIONS:

- ◆ Exit 10 Freeway, coming from the West at Orange St. and go East; OR
 - ◆ Exit 10 Freeway, coming from the East at Ford St. and follow map.
- 1225 Cajon Street is on the corner of Cajon and Summit, on the left side. If you park on Summit, walk along Bow B Ave. to enter the Marrin's backyard.



Now on sale at Barnes & Noble



Warren & Cynthia Fowler joined IKS in July of 2001, shortly after our Pond Tour, and we have enjoyed their company at many meetings over the years. They continued to attend until late last year, when cancer began to take a toll on Warren and he could no longer enjoy our potluck banquets. They had planned to move — to downsize — but Cynthia believed the move would be harder on Warren than staying put.

So it was that **WARREN T. FOWLER**, born in Missouri on January 17, 1922, passed away at the age of 93, at home with his family by his side, on July 22, 2015.

Warren proudly served in the US Navy during WWII, and was present in Pearl Harbor when it was attacked in 1941. He continued to serve in the Navy until 1947 when he was honorably discharged. He pursued a career in carpentry and then, in retirement, built the family home which was their residence for the last 25 years. He and Cynthia celebrated 47 years of marriage, together raising a son, Warren Fowler Jr. of Tennessee, and a daughter, Jennifer Throssell of California; in time they were given four grandchildren.



Warren was a devoted member of his church, Crossroads Christian in Corona, and garnered strength in his final days from his faith. During his lifetime he enjoyed square dancing and deep sea fishing, but also liked the quieter pursuits of watching *Jeopardy!* and solving the Jumble puzzle in the daily newspaper. He was buried at the Riverside National Cemetery in a private family service.

*And this, our life, exempt from public haunt,
finds tongues in trees, books in the running brooks,
sermons in stones, and good in everything.*

~William

Shakespeare

50TH ANNIVERSARY!

Our congratulations to **JIM & EARLENE HEARN** of Corona, former members who celebrated a 50th wedding anniversary on July 10. Married in 1965 at St. John’s Episcopal Church in Corona, where they still reside, they raised two children and have four grandchildren.

James Hearn II, a U.S. Army veteran, worked for Riverside County Sheriff’s Department for 27 years and was a private investigator for five years. Now retired, he loves the beach, cars, animals and long-distance motorcycle riding. I recall meeting Jim by the Oceanside Pier, cruising on a bike with a tiny dog in its handlebar basket, during our 2012 field trip.

Earlene was a homemaker and owned Sunset Graphics & Embroidery in Corona for 20 years. She retired in 2006 and enjoys cooking, home decorating, gardening and volunteering.

Jim & Earlene joined IKS in June 2002. They hosted meetings and their pond was featured on the 2004 Pond Tour.

To celebrate themselves and this milestone, Jim & Earlene are enjoying a motorcycle ride across Canada. Safe riding! ❖



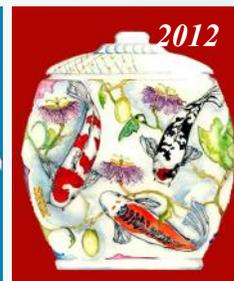
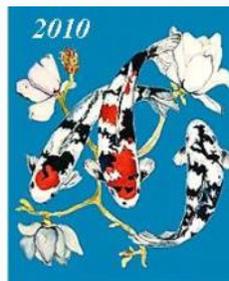
In mid-August, **SANDY HANSON** suffered such severe pains in her back that Orville took her to the ER; she was admitted for tests and stayed the week. The shocking diagnosis was 4th stage pancreatic cancer, which had also involved her kidneys. She and Orville had been looking forward to a trip to Minnesota for a reunion, but she would not make it. At peace with her condition, Sandy left us too quickly on Friday, August 28, 2015.

Sandy and Orville joined IKS in October 2006, right after our September Pond Tour. They have a beautiful formal pond on a bluff on the east side of Canyon Crest. A smooth expanse of lawn faces the pond — ample space for the club to gather — but, being rather private people, they steadfastly resisted hosting a meeting. At the east corner a curved row of redwoods stand as sentinels, and behind them, down a terraced slope, Orville has planted an orchard and vegetable gardens; taking advantage of the morning sun and yet protected somewhat in the harsh afternoon light, it’s a beautiful place to watch the sunrise. The couple also loved getting out of town as often as possible in their camper.



Sandy and Orville took over Membership a few years ago, Orville maintaining the club database and Sandy mailing out new member packets. In 2012, she was elected as Treasurer to a two-year term; she easily relinquished the job when her term was over. And in 2014, “Berti,” Sandy’s beautiful *Kumonryu*, was selected Koi of the Year.

Sandy added so much to the club. In 2010 she had submitted a watercolor painting of koi for the Pond Tour theme art, having painstakingly taught herself to paint. She enjoyed Friday “me” time snuggling up in an overstuffed chair at the bookstore with a cup of coffee, an art book and her sketch pad...practicing, fine tuning her craft. She gave art for the 2012 and 2014 tours, too.



*A creative person is motivated
by the desire to achieve,
not by the desire to beat others.
Share. Enjoy the journey
and never compare yourself to other artists
— you are traveling your own road!*

~Koi artist Bev Letard

Sandy loved the art of learning,
and loved the road she traveled!

Japanese Friendship Garden Balboa Park, San Diego

August 16 had been on our calendar for several months as a day to escape the typical heat and go to the beach. And we almost made it—we went to the Japanese Friendship Garden in the open spaces of Balboa Park near downtown San Diego.

We started at Jack Marrin's business in Riverside. Normally we offer a light breakfast, but since Jack & Norma were "across the pond" on vacation and the building was closed, we elected to hit the road right away with Al, our friendly bus driver. Larry Leverett brought a very informative, hour-long DVD about a koi farm in Japan; it explored every aspect of breeding koi, from spawning and selecting to shipping them out to dealers around the world several years later.



We had some concerns as to whether our big bus would fit in the parking lot for drop-off, but it



did and we found our way up the trail to the Friendship Garden back gate. There we were greeted by KCSD members setting up EZ-Ups for shade; it was hot for San Diego, about 89°! There was a short window of time to stroll through the gardens before lunch began. I would start off with their koi pond, obviously. It's in the shape of a turtle which, we later found, is a good luck totem in Japan. The island in the middle is also shaped like a turtle. There were just a few koi in the pond, but each one was an excellent representative of its variety. And what beautifully clear water they have there!



The pot luck line was rather long as this was a joint meeting between KCSD, the SoCal Water Garden Society, and our own IKS, but the food offering was tremendous. Everyone from the host club was asked to bring a little extra and there was plenty for everyone.

The meeting started at 1PM and the **featured speaker was Mike Kawamura**, VP and Board Member of the Japanese Friendship Garden. He took us through a timeline of the history of the garden which started as a Tea

House in 1914, and evolved through and after World War II when San Diego became a sister city with Yokohama, Japan. Mr. Kawamura himself is a survivor of the bombing of Japan in 1945, a child at the time.

We moved on to club business, led by their president, Tamsie Pierce. Tom Wright spoke for IKS to make a \$200 donation to KCSD's



Vagabond Koi re-homing program that is currently trying to find new pond homes for over 700 koi. Then they presented a \$250 check to the IKS Scholarship program. It was time for a raffle and Paul Atkiss helped us run it. And because all three clubs contributed, there was a wealth of water garden plants, koi food, collectibles and yard art for those with the lucky winning numbers.



It was finally time for organized tours through the upper and lower canyons of the gardens. The koi pond is in the upper



canyon area, and although most of us had already ventured out to see it, guides explained more about the pond itself. Another group was led down the steep, but well-maintained

paths that switch back across the canyon wall to the new facilities in the lower canyon. There the Friendship Garden has built an extensive water feature (*sorry, no fish*) including streams and waterfalls that wrap around an amphitheater, and a pair of



buildings designed for weddings and other social events.

When it was time to go I helped lead Al, our driver, down the back road to the lower parking lot to pick up

those who had taken the steep trail down and didn't want to climb back up. Parking on a side street so we could load gear and the rest of our people, I took a final nose count; when I determined that no one in our group was going to spend the night in Balboa Park, we headed north. One billboard sign in Menifee showed the outside temperature to be 106°, and the bus AC was struggling to keep us reasonably cool.

Back at Jack's after the bus left, we were talking with Bob & Bonnie Henry when we spied a raccoon family in a pine tree at the edge of the lot. Looking up we took pictures of them looking down and thanked them for NOT being in any of our back yards or ponds. Then we called it a day

For the amount of fun we had, it was a shame we couldn't share it with more of our club members. We had a head count of 20 people for a 55 person bus and we welcomed soon-to-be members George and Juli Ramirez, who drove themselves to this meeting. It was nice to be able to drive down there without worrying about traffic or a car overheating, but I would hope we have a larger turnout for our next trip in 2016.

~ Rob & Deanna Fales ❖

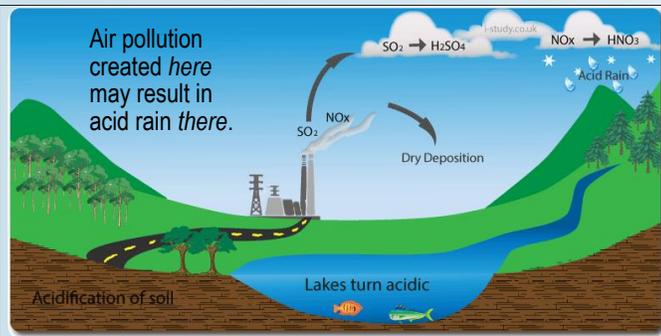
More and more we hear threats of a huge El Nino system this year into next, including a rainy season comparable to but expected to be worse than the 1997-98 season, the fifth wettest winter in the 103-year record up to that time. It's also predicted that the eastern Pacific will see more tropical cyclone activity. We had a preview with a torrential downpour just last week (9/9/15), but the koi didn't seem to mind. (...*except that the pine needle blanket over our pond was so thick they couldn't be fed until it was cleaned up*)

What does rain water mean for koi keepers? Is it a benefit or a hazard? That depends upon how you look at it. Rain water can be a benefit by:

- Being a free water supply, particularly beneficial if tap water is metered and charged accordingly by the water company.
- Being free of chlorine and chloramine.
- Being soft.

But is rain water truly free, without a price to pay — especially to be paid by your fish?

Rain water is not just pure water (H₂O). As water is evaporated from the earth and drawn up to form rain clouds, other dissolved substances may also be taken up with the water. Research has shown that falling rain can dissolve, carry and be impaired by, gaseous pollutants in the atmosphere, which were created by industrial and human activities.



The quality of rain water varies from area to area; the components of rainwater even vary according to the time of day or night that samples are collected. For instance, heavily industrialized areas are more likely to receive polluted rain than lightly industrialized areas. Throw into that discussion the effects of major freeway systems (traffic fumes), airports (airplane fuel emissions), petrol-chemical plants and farming....

While water collected for drinking may need filtering or disinfecting, it may not need such treatment for fish. Nevertheless, tremendous damage has been done to koi by heavily

2 Koi Guys
Scott Zehm
Robert Walters
951 237-2508

- INSTALLATIONS • PONDS • FILTRATION
- DESIGN • CONSTRUCTION • MODIFICATIONS
- YOUR UV LAMP SOURCE • LINER OR CONCRETE

polluted rainfall, so it's a fallacy to think rain water is always fish safe. Run-off rain water can pose problems, too. Studies have shown zinc, cadmium and lead being leached from roofing materials in wet weather, and that zinc was mainly in a form damaging to both fish and aquatic plants. The main contaminants can be roughly grouped into **organic, inorganic, radioactive** and **acid/base**.

There are two inter-related factors to consider: alkalinity and pH. **Alkalinity**, required in various fish waters to buffer and stabilize pH, missing from rain water; some fish require far harder water.

pH values affect fish health considerably. The typical pH of rain water is about 5 to 6; however, industrially produced sulphuric oxides and carbon monoxide in the atmosphere can reduce rain's pH to 4 or below. Whereas such a low pH could be beneficial to some fish (such as breeding discus), it could be extremely harmful to fish needing alkaline waters (such as koi, which require a pH of 7+).



Although it's rare for a bit of rain to cause any problems, there are a few things to keep an eye on:

Smaller ground level ponds are most at risk of overflowing and pollution washing in from ground water. After a very heavy down pour, it's a good idea to give your pond a check just to make sure things are OK. The best precaution is to have an overflow fitted, often easily placed in a gravity filter chamber sharing the same drain; this can also allow for a continuous top-up system. This is nice to have but not essential if you monitor the level regularly and reduced it, if needs be, with a submersible pump.

A low-lying koi pond built in a area where the ground doesn't drain well, can have problems with water running off the surface and with back pressure. Liner ponds are particularly vulnerable to this as water can actually seep in between the wall and the liner, causing it to bulge out. In a block-built pond, a gap left between the wall and the earth should help prevent this; in areas where there's a high water table, a sump chamber that drains to the sewer may be necessary.

If you're building a pond in an area prone to flooding, then a concrete above-ground pond is the safest option.

All rain water is soft and can be slightly acidic, so it's worth checking your pond's pH to make sure it hasn't changed too much. If an extreme rainy season becomes the reality, make those water checks a habit. Small water changes and crushed oyster shells should keep things stable; some people, preferring to avoid any fluctuations, build a roof over their koi pond. In industrial areas a roof would be useful to avoid the problems of pollution but, for most ponds, nothing more than the regular water changes are usually needed. ❖

CHECKLIST TO PREPARE YOUR POND FOR FALL

As summer wanes, we are reminded that we need to understand how to transition our ponds through the seasons, even though here in Southern California we don't have the radical season changes that koi keepers in other parts of our country endure. Here's a list of suggested guidelines to help.

1.) Fall Prep — Clean the Pond:

As air temperatures begin to drop, so do water temps. During this period, the needs of pond fish are altering as well. To protect the fish from their changing surroundings, including falling debris and decaying leaves, clean out the pond before water temps fall below 50°F; fish will still be active and less likely to sustain injuries during cleaning.

Dead plants, including algae, pull oxygen from the water as they die off; they are best removed before they decay. You can trim back some plants like lilies and leave them in the lower parts of deeper ponds over the winter; as long as they don't freeze up they should be fine.

Organic material building up on the pond bottom should be removed as much as is possible. As this material decays in water, it releases nutrients that feed algae growth. For most folks, that's something unwanted, although a little bit of algae is actually a good sign for the most part.

Net fall leaves from the surface and, if you have plant shelves around the periphery, drain some of the water to expose them for a good cleaning. Using a hose nozzle, blast off accumulated debris and sludge around the shelves and edges, and finish with a net or pond vacuum. When replacing water, remember to add a water conditioner to remove harmful contaminants like chlorine, chloramines and heavy metals.

The process of decomposition uses oxygen and produces small amounts of hydrogen sulfide, a gas that can be toxic to fish. While the gases do not normally reach harmful levels, the extra stress of a deep winter, with decreased oxygen due to a frozen (or partly frozen) pond, can tip the balance. Aquatic creatures are especially sensitive to poor water quality in winter (as if freezing temps were not enough!)

Once clean, you might even add a pond net to catch falling debris from nearby trees. Ideally, find netting with a reinforced edge

(more durable) that will adequately cover the surface area of the pond. This same netting can be used to help control some avian predators. Suspend it at least 18" above the surface and securely fasten it around the edges to prevent leaves from finding their way underneath it. If you have frogs, it's helpful to leave a small opening or two to provide them access to and from the pond. Avoid letting the net sag into the water (prop up the middle, if necessary): it can create a hazard for your fish as leaves will collect in the lowest area and decay.

2.) Fall Feeding — Plan Ahead:

In most of the states, water temps start to dip in early fall (September/October). Make sure you have a thermometer so you can monitor the water temp as the fall weather progresses. Start changing the koi diet: wheat-germ-based food is ideal to transition fish in (and out) of winter because it is highly digestible at low temps. This is especially important because, in the colder months, fishes' metabolism and the pond's ammonia-reducing biological activity are greatly diminished, and we recommend stopping feeding after the weaning.

To ensure against spikes in ammonia or nitrites (both toxic to fish and coming from their waste), use an all-season or cold-water blend of beneficial bacteria that will work below 50°F. Most bacteria, and those found in ponds naturally, will really slow down once the water temp drops below 50°, coinciding with the normally greatly reduced feeding habits of koi in winter.

3.) Don't Forget the Plants:

Plant life can also be a source of debris. As marginal and deep-water aquatic plants begin to die back, prune dead stems and leaves to prevent their decay in the water.

In late fall, remove non-hardy aquatic plants like Water Hyacinths or tropical lilies from the water. Store them in warm, frost-free conditions, like indoors, until next year.



Snow & ice are unusual for most of us.

For marginal plants in baskets around the perimeter—particularly where ice may be an issue—move them to deeper water to prevent them from freezing. Hardy water lilies can be left in deep water over the winter. Bog plants can be insulated with straw or a commercial insulating material.

4.) Winter Prep:

In our area, no one fully "closes down" a pond for winter; we continue to run pumps and filters. Further north, where temperatures are more extreme, the pond is shut down for two reasons. First, the pump will mix colder surface water with the slightly warmer, more stable temperatures in the pond bottom where fish take comfort and hibernate. Second, pond owners risk the chance of diverting water out of the pond and emptying it when the flowing water begins to form ice, especially on features like waterfalls or streams.

Equipment would be stored, safe from the elements, but only after thorough cleaning, inspection, and maintenance. If stored outside or in unheated spaces, no water is left in the unit to freeze and cause the housing to break. If kept inside, it helps to store any submersible pump in a bucket of water to keep the moving parts and seals wet.

Neither do we worry about de-icers or trapped gas. Gases, produced by decomposing organic material, are toxic to fish when trapped beneath ice covering the pond surface. De-icers are designed to keep an area of the pond ice-free during the winter, allowing harmful gases to escape through the opening. In small ponds, a de-icer is especially helpful in preventing ponds from freezing solid. For fish safety, it is extremely important never to break ice on the pond because the shock waves can be detrimental, and sometimes fatal, to fish.

5.) Care and Feeding thru Winter:

In most parts of the US, it's best to leave koi in the pond through winter, providing its depth is adequate (18" or deeper) and there is little or no water circulation. Denser, warmer water will sink to the bottom of the pond, where it will be insulated by the cooler surface water (or ice), and fish will gather in this deep, warm area. ❖

Great Resources Are Available In Our

 IKS Library

INLAND KOI

Quality Japanese Koi
& Pond Supply



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

Search our "NEW ARRIVALS"
page. If you see a fish that you
like, please call or email us and
we'll reserve it for you.

**18122 Mt. Washington St.
Fountain Valley CA 92708**

FREE SHIPPING on all except
fingerling mixed packages
and koi group fish.

Winter Hours:
Daily 10:30am-5:00pm

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

THE BEST QUALITY
Japanese Koi
AT A REASONABLE PRICE!

COMPUTER REPAIR & SERVICE



\$45
Per Hour
for Repairs

Special Service
Pkg. Available
(Commercial
& Residential)

L and E
Integrated Solutions

- Remove viruses & Malware
- Install security protection
- Maintain & manage computer via remote access
- Train you in Windows applications
- Backup and data recovery
- Will be your IT consultant
- Troubleshoot any hardware
- Cell phone apps installation & training
- Expert staff with over 30 years experience

Linda Kushner
951-333-4147
lindakushner1@gmail.com

\$5⁰⁰ OFF
Repairs
1st time customers
Valid w/coupon only • Not valid w/other offers

HARRISON'S KOI FARM

POND KOI • SHOW QUALITY KOI
2000 KOI on display from 3" to 30"

Specializing in hard to find varieties

- KOI FOOD
- SUPPLIES
- EQUIPMENT
- CONSULTATION



Terry & Koren Harrison
5580 / 5582 Rio Road
Riverside, CA 92509
(951) 369-9998

HELP! KOI NEED HOMES!

Glenn & Pamela Warrington, former Riverside members of IKS, have begun the adventure of moving but find that most prospective buyers don't want their koi. Their pond



was showcased twice on our tours, in 2002—the “Waterfall Tour”—and again in 2005. Today it is home to about 100 fish, beautiful colors, all shapes and sizes, including many longfin koi.

Pam contacted us asking for help:

“We are in the midst of selling our home. Buyers do not want the fish. I was inquiring if you or anyone in the club, would like to purchase any of my koi and bless them with a home? Or if you know any others who would. We used to be members of the Koi Society and had our pond on the tour two times. You would be helping us out and putting peace in my heart; I will feel good knowing they would be going to safe homes.

I look forward to hearing from you. You can reach me at the following numbers:

Home# 951-682-6850

Cell# 951-662-4776

Thank you, Pamela Warrington”

This is a lot of fish! Besides considering getting some of them for one's self, **if anyone knows of other ways for the Warringtons to sell or re-home them, please contact Pam and share.** Or tell me and I will pass the info along. Surely many more of us will face the question of what to do with koi when we have to move. Thanks for your help!
~ Peggy Milfeld 951.780.7395

ELECTIONS 2016

Elections for the 2016 term will take place at the November meeting. A nominating committee has been tasked with finding a handful of members willing to step up and participate in managing the club. We need two new directors, either a secretary or a newsletter editor, and a president.

Please consider carefully what you want out of IKS and whether you can give a few extra hours a month too keep us moving forward with the same success as ever. Taking an office means adding a two-hour meeting on a Wednesday night to your schedule. And don't be scared by the thought of president: it's a one-year term (maybe a second) keeping the board meetings running smoothly according to Robert's Rules, emceeding regular meetings, and working with the other crazies on the board. Secretary and directors are elected for two-year terms.

Step up and serve your club. It needs you!



WELCOME TO OUR NEWEST AND RETURNING MEMBERS!

We look forward to getting to know you and hope you'll find a fun & rewarding association with us. We offer you the advantage of years of experience (mistakes and all), and there are enough new-to-the-hobby members that no one should feel foolish asking questions. Ask away ~ there's something to learn from everyone!

Former members who have returned to membership:

6/28: Bob & Lilly Cendejas (9/08) ~ 1725 N. Juliet Court, Brea 92821 ~ (714) 256-0355 ~ robertCendejas@aol.com

6/28: Perry & Janice Halterman (6/02) ~ Riverside

7/17: Anthony & Heather Salazar (1/09) ~ 7338 Lakeside Dr., Jurupa Valley 92509 ~ (909) 841-9000 ~ Hm.Salazar66@gmail.com

New Memberships:

8/21: Jacob & Maryann Haiavy ~ Rancho Cucamonga ~ (909) 987-0899 ~ JHaiavy@yahoo.com

Write these people into your Directory & seek them out at meetings. There are new friends to be made every month!

THE BEKKO ~ IT'S ALL ABOUT THE SUMI

The Bekko is a non-metallic two colored koi. It will have a solid base color of white (*shiro*), red/orange (*aka*), or yellow (*ki*). The second color is black: it will have *sumi* (black) markings on the body. *Bekko* is a simple-appearing koi, one of the oldest varieties; they had fallen out of favor, but are steadily making a comeback. Many koi collectors search for a good example of every variety to have in their koi collections.



Along with having a great shape and bright, blemish-free skin, the *Bekko* should have a pleasing pattern of dark, distinctive, sparsely distributed *sumi* markings on its body. The dense black markings should make a simple pattern. They need not be symmetrical, but should be balanced from front to back. Bold, solid spots of *Sumi* are preferred over tiny dots that look like paint splatters or freckles. Just like *Sanke*, a large patch of *sumi* on the shoulder region is a desired feature. Additionally, the *Sumi* should appear only on the koi's back above the lateral line, and preferably ending well before the tail joint. Too much *sumi* on the caudal peduncle will make the koi appear very off balance.



The head should be the same color as the body and free of *sumi*. Ideally, a *Bekko* should have a clean head with no imperfection or smudging of black. Many times the *Bekko* will have blue eyes which give them a whimsical and friendly appearance.



The white pectoral fins of *Aka* and *Ki Bekko* can occasionally carry *sumi* stripes, but the *Shiro Bekko* should have no *sumi* on its pectoral fins.



HAI FENG

**PROFESSIONAL QUALITY
KOI FOOD**



- . DOES NOT CLOUD WATER
- . EASY DIGESTION
- . IMMUNE SUBSTANCE ADDED
- . COLOR ENHANCING



ISO 9001:2000 REGISTERED (UKAS,ANAB)
YOUR QUALITY ASSURANCE

Aqua Delite®

**FREEZE DRIED SHRIMPS &
FREEZE DRIED SILKWORM PUPAE**



- . HIGH IN PROTEIN AND NATURAL NUTRIENTS
- . GOOD SUBSTITUTE FOR LIVE AND FROZEN FOOD
- . FOR FRESH OR SALT WATER FISH



- . HIGH IN PROTEIN FOR RAPID GROWTH
- . BETTER SLIME PROTECTION
- . HELPS TO RESIST BACTERIA AND PARASITES

DISTRIBUTED BY:
UP RIGHT TRADING CORP.
TEL: 626-579-0578
TOLL FREE: 877-424-3364
E-MAIL: sales@uprighttrading.com

© 2012 Up Right Trading Corp. All Right Reserved.

**Save the date: March 5-6, 2016
SAN DIEGO KOI SHOW**



**Central California Koi Society
37th Annual Koi Show**



Saturday-Sunday, September 26-27
Fig Garden Village ~ 5082 N Palm Ave.
[Palm & Shaw] Fresno CA



2014 Grand Champion



**Koi Competition and Judging
Pond and Koi Vendors
Raffles and Auctions**

Saturday: 9am - 3pm
(Judging starts at 10am)
Sunday: 9am - 3pm



**2015 Show Pin
\$6.00 each**

KOI SHOW CHAIRPERSON:
To Reserve Show Tanks/Vendor
Booths or show information:
Contact— Rosimeri Tran
Ph# 559-970-8508
Email: cencalkoi@gmail.com

Website: cencalkoi.com

16th Annual Golden Empire Koi Show



The Bakersfield Koi & Water Garden Society

October 16-18, 2015
Kern County Fairgrounds
1142 So. P Street, Bakersfield, CA

Show Chairman: Ron Unruh
secretary@bkwgs.com
(661) 619-6353

Vendor Coordinator: Malise Unruh
president@bkwgs.com
(661) 378-6137

Fish Check in:
Friday noon to 7 pm
Saturday 8 am - 9:30 am

For show forms visit:

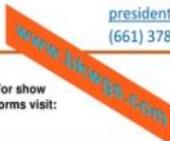


Exhibit Hours:
Friday Noon to 7 pm
Saturday 10 am to 7 pm
Sunday 10 am to 5 pm

Find something different to do...

S E D T	4-27	Los Angeles County Fair ~ Fairplex, Pomona. End of Summer Concert Series. 909.623.3111 www.lacountyfair.com
	18-20	Route 66 Cruisin' Reunion ~ Downtown Ontario along Euclid Ave & beyond ~ classic cars ~ route66cruisinreunion.com
	19	KCSD 'Filter Stomp' ~ 8-10 am at Japanese Friendship Garden. Even if you only watch, this is an event not to miss.
	19	Temecula Valley CRUSH ~ A spectacular wine & food event ~ www.VisitTemeculaValley.com
	26-27	Central California Koi Show ~ Fresno. Info at left OR San Diego Bonsai Club ~ 50 th Fall Exhibition. Info below.
•	27	IKS POTLUCK MEETING ~ 3-6 pm, at the Marrins' home ~ 1225 Cajon St., Redlands. 909.792.3603. Speaker: John Svelan, KCSD, "Koi Anatomy 102"
	30	IKS BUSINESS MEETING ~ 7pm / Location to be announced.
	16-18	Golden Empire Koi Show ~ Bakersfield ~ Info below left.
O C T	25	IKS POTLUCK MEETING ~ 2-5 pm, at the McGarvey's home ~ 12270 Fremont St., Yucaipa 92399. 909.534-5776
	28	IKS BUSINESS MEETING ~ 7pm / Location to be announced.
	31	Hallowe'en & Harvest Festivals ~ Join friends & neighbors at a local school or church to celebrate with kids of all ages!
•	7-8	Temecula Wine Country Harvest Celebration ~ Food pairings, barrel & tank tastings ~ VisitTemeculaValley.com
	22	IKS THANKSGIVING FEAST ~ 2-5 pm, hosted by Jerry & Pat Mall ~ 43024 Via Las Rocas, Temecula ~ 951.506.4814 The club provides the Turkey, we'll sign up to bring the rest!
	27- Jan.9	Festival of Lights ~ Mission Inn, 3649 Mission Inn Ave., Riverside ~ Switch-On ceremony 11/27, 4-11pm, 3.5M lights plus fireworks open the season! www.festivaloflightsca.com
	Dec.2	IKS BUSINESS MEETING ~ 7pm / Location to be announced.

**50th Anniversary
Fall Exhibition**



**Bonsai demonstrations at
11AM and 1PM each day**

*50 years of cultivating the art
of bonsai in San Diego*

Amazing bonsai will be on display. Bonsai, pots, and accessories will be available for sale by members at attractive prices. Please join us for an exciting time. Come early for the best selection.



September 26th & 27th
10AM to 5PM each day
Casa del Prado, Room 101

admission;

Balboa Park

donations appreciated.

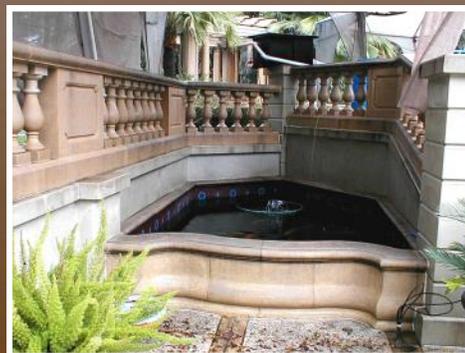
Free



INLAND KOI SOCIETY
5198 ARLINGTON AVE., #146
RIVERSIDE, CA 92504



**Formal pool
and a pair
of ponds...**



**...in the
Roman
Garden**

Visit our website: www.inlandkoi.com