

# ***The Inland Koi Connection***



**THE OFFICIAL  
NEWSLETTER  
OF IKS  
ISSUE 222  
APRIL  
2015**

Hosted by  
**Ed & Linda Kushner**

**1556 Vandagriff Way  
Corona 92883  
951.520.0092**

**Sunday, April 19  
IKS General Meeting & Pot Luck ~ 2:00 - 5:00 pm**



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 March 25 meeting, hosted by Jack Marrin, we discussed:

- What a wonderful place to met Aiko's home had been: a beautiful pond and garden, the sweetest hostess, a thoroughly relaxing afternoon.
- A donation of two 20-pound bags of koi food for our rescue program, given by Iva from Ultra Balance Koi Foods.
- We are in need of two people who attend the Sunday meetings regularly to supply *regular* and *diet* sodas. The club has ice chests for that purpose, and the cost of sodas and ice will be reimbursed when receipts are turned in to the Treasurer. This simple service to the club doesn't require you to attend the board meeting — just keep a supply of *diet* and *regular* sodas to quench the members' thirsts. To volunteer, contact Nick Milfeld, who agreed to bring the *regular* sodas this month.
- The **2015 SCHOLARSHIP** Committee will consist of Tom Wright, Mark Krakower, and Ed Kushner. Contact Peggy Milfeld for a copy of the Application, which can be sent by mail, email, or given at this month's meeting. Deadline for submission is May 30.
- **CHANGES TO MEETING PLANS:** Jack & Norma Marrin have bowed to **Phil & Rachel Hunter**, who have invited us to their Temecula hilltop home for the **June 28** meeting. They plan to prepare hot dogs for us and celebrate Independence Day, which is the next weekend.  
For the **July 26** meeting, Steve & Laura Nyirady have bowed to **Elizabeth Prince & Randall Grommet**, who have invited us to their Riverside home for a meeting. This will be an exciting first visit there.
- Note the new email address for our webmaster.
- **KOI RESCUE:** On March 15, the team rescued 30-35 large koi, 20-25 smaller ones, and four turtles from Margery Hall's San Bernardino ponds. The turtles were relocated to new homes. Another possible rescue will be to empty a Moreno Valley pond to make electrical repairs.

We are pleased to announce that the printer of our newsletter,  
**Printing Connection, Inc.**  
has moved to a new and larger location at  
**9671 Magnolia Ave, Riverside 92503**  
The phone and contact information has not changed.



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## IKS HELP LINE

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Web Master:

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

**ED & LINDA KUSHNER** have hosted us several times in the past, and they have lots of room for us. If you haven't visited them before, you'll find the house at the top of a moderately long driveway and fairly hidden from the street. We tend to congregate in the front on the grass, but we'll go around to the back to see the pond and to take our pot-luck items into the house, where Linda sets up the buffet on her huge kitchen island.

**ED BOUGHT THE HOUSE** in 2001, choosing the lot before construction began. It's a flag lot that puts him above his neighbors, backs up to the Cleveland National Forest, and has a wonderful 360-degree view of the surrounding hills and the Corona valley below. Here, out of view of all neighbors, he had his 5,000-gallon dream pond and water garden built by *Kan-Do Ponds* of Placentia; its design was based on an *Aquascape* display pond seen at a Home & Garden Show. Past the pond and left all the way around the house, you'll find Ed's 1400-gallon quarantine tank and its Nexus bead filter and UV light.

**THE POND'S FILTRATION** is run by solar power, just one of the many changes he has made since it was first constructed. At 3.5 feet in depth, but lined with rocks as is common in *Aquascape* designs, the pond attracted predator birds and raccoons, costing Ed at least a third of his koi before he built a shade structure over it and electrified the fence around it. He has removed all the rocks and added bottom drains and valves in one waterfall so he can drain and backwash in a matter of minutes. We'll let him bring u all up-to-date on the changes and upgrades since last we visited.

**ED & LINDA** have been married for seven years now, sharing many interests and both working with computers, he as manager of a computer department in information systems near LAX (*I would dread that daily commute!*) and together running their own computer repair and servicing company from their home. Koi may be their means of relaxing, and the fish are real pets, each with a name and a story of its own.

**ED HAS MANAGED OUR KOI RESCUE** operation from the beginning, housing the fish until he finds homes for them. The most active helpers with rescue are Tom Wright, Mark Krakower, the Fales, and Orville Hanson. It was the accumulation of rescued koi that let us to plan the first Koi Auction, in anticipation of which Ed offered to erect an above-ground swimming pool at the top of his driveway as an enormous QT tank. The 15-foot diameter pool went up in early November last year, but, after surviving three Auction seasons, it began to leak like a sieve last month and had to be replaced and all the koi transferred to the new pool.



Thanks to Iva from Ultra Balance for the donation of food for our Rescue Program

### Directions to 1566 Vandagriff Way, Corona:

- Exit **I-15** on **CAJALCO RD.** and go west; **CAJALCO** becomes **EAGLE GLEN PKWY** on the west side of the freeway.
- After passing the Eagle Glen Park and School, turn **RIGHT** on **FAIRWAY DRIVE**.
- Just before Fairway Drive dead-ends, turn **RIGHT** on **VANDAGRIFF WAY**. Ed & Linda's driveway meanders up the hill to the left of house #1552.
- Please **do not park in the driveway**; you may drive up to drop off people or things, but please move your vehicle back down to the street.

**ALL MEMBERS ARE INVITED** to participate in koi rescues; let Ed know that you would like to be called when one comes up. The teams have come upon some really foul ponds that have been abandoned when owners moved, they have closed down pristine ponds after the death of an owner, and they have helped thin ponds that have become over-crowded by overgrown fish. When a request for help come in, Ed or Tom make the first visit to assess the situation and determine how many fish there are and how many people it will take to get them out. The actual rescue involves draining the pond, netting the koi, sometimes setting up a temporary tank of clean water to 'rinse' them in before bagging and oxygenating them, boxing them for transport, and then cleaning up the mess. Once back at Ed's, the koi must be floated and released into the QT pool and all the equipment cleaned and put away. It can be a long day, but worth the effort to know the koi are safe.

**THIS MEETING**, in anticipation of another Auction, we will learn about the quarantine process, the most important step in adding koi to your collection. But QT is not just for new fish; it's important to have as a hospital tank for sick or injured koi, too. In addition, at this meeting we will vote on Koi of the Year, and will select our Koi Person(s) of the Year. Be thinking of which of your koi is your favorite, and of who you would like to honor.

**THINGS TO REMEMBER** for the April 19 meeting:

- A **color photo of your best koi** for Koi of the Year selection: with no identifying info on it. *See page 9 for photo tips.*
- Your **renewal form and dues** if you have not yet paid.
- Your **potluck dish** and chairs.
- A **grateful heart** for someone in the club...a Koi Person of the Year candidate you are willing to nominate. Be prepared to explain why you feel they deserve recognition; take a few minutes to write out your thoughts. If you prefer, you may turn in a written nomination when you sign in, and someone else will present it for you.

*See you Sunday at Ed & Linda's!*



Map Not to Scale



**~ Koi of the Year ~**

Each Spring, all AKCA-affiliated clubs can choose a koi to be entered in an **AKCA Koi of the Year** photo contest. The only rule is that the koi should not be the Grand Champion from it's owner's club's show. The winning entry is then chosen by all in attendance at AKCA's Annual Meeting in June.

Only one fish per club may be entered per year. The koi must be kept at the owner's home, in the owner's pond, and can only be entered once per year to represent only one club. All previous "AKCA Koi of the Year" first place winners cannot be entered in a subsequent year. Dealer/members cannot participate.

**~ Koi Person of the Year ~**

Any member may nominate another for this honor, and the nominee may be one individual or multiple members of the same family, but it cannot be anyone previously honored. Is someone always stepping up to bat? Giving without thinking? Quietly working behind the scenes? Striving to make the club better than it is, more valuable to its members? These are the people we want to hear about and recognize, and thank them openly for their dedication and faithfulness to the club.

The following have been honored in years past:

**Bob Everett**  
**Jack Marrin**  
**Carole Hamilton**  
**Nick Milfeld**  
**Larry & Debby Leverett**  
**Scott Zehm**  
**Chrisie Nobles**  
**Bob Walters**  
**Peggy Milfeld**  
**Norma Marrin**

**Kelly Houston**  
**Gene Maingot**  
**Theo & Jeanne Zoetemelk**  
**Mary Leever**  
**Tom Wright**  
**Bob Henry**  
**Orville & Sandy Hanson**  
**Ed & Linda Kushner**  
**Pete Miles**  
**~ Who will be next?**

**~ IKS Scholarship ~**

The Inland Koi Society is again offering a **\$500 Scholarship** to children of current club members. High school seniors who have been accepted for the coming college year, or college students who are continuing or returning to college or university studies in the Fall, are invited to apply for these funds. The application will require a written statement from the student and two letters of recommendation.



Priority is given to those applicants whose educational background and work/volunteer experiences indicate a commitment to the likelihood of long-term employment in promoting the health and well-being of animal life or the environment.

Interested students should obtain a copy of the application, submit it by the deadline of Saturday, May 30. Applications are available from Peggy Milfeld, IKS Secretary; contact her at (951) 780-7395 or at [milfeld@msn.com](mailto:milfeld@msn.com). She can email you the application, but copies will also be available at the sign-in table at this month's meeting.

**~ Long Time No See! ~**

Tom Wright always works the San Diego and Gardena Koi Shows, and Tom & Zuma Ross always attend them. This year, they dragged **Kelly Houston**, one of our most remarkable past Presidents, to the Gardena Show, and Tom sent us this photo of him. We're thrilled to see Kelly in good health and with his old smile still in place. *Hugs to you, Friend!*



**If You're a Soda Drinker...**

Some complained that there were no sodas at the last meeting: that is because we have lost our suppliers.

**Mac** used to bring *regular* sodas; **Nick** will bring them in April only. **Bob Henry** brought *diet* sodas for years, but health issues discovered while he suffered with pneumonia earlier this year have left him unable to handle the sodas and worse, unable to donate blood.

**We need** two volunteers to take over the responsibility of bringing sodas each month. IKS has ice chests for them and will reimburse the members for both sodas and ice. Call **Nick Milfeld** and offer to help.

**This** is simple involvement, no extra meetings!



**TAB-ulations**

1 tab = 1 inch  
 36 tabs = 1 yard  
 63,360 tabs = 1 mile  
 1267 tabs = 1 pound  
 2,534,000 tabs = 1 ton  
 1 million tabs = 15.78 miles



Collect pull tabs to support the House that Love Built ~ a temporary "home-away-from-home" for families of seriously ill or injured children being treated at nearby hospitals.

**Bring your collected tabs to this month's meeting and leave them at the sign-in table. Turn-In Day is May 1 in Loma Linda.**



Aiko Howo's gardens were such a jewel to find! Just pulling up out front, it was evident she is or has a dedicated garden designer with a wonderful sense of the Oriental style. Even without water, there is great movement in the dry waterfall flowing down the slope from the house to the street, achieved by stone and gravel placement, bonsai, and a new groundcover grass from Japan. Not readily available and thus seldom used, the variety is shallow-rooted and non-invasive.

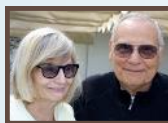
In the back, the 'reshaping' of the property mentioned in the profile meant that the far back portion was filled in for the beginning of a backyard orchard of about a dozen trees, with avocados and various citrus. The extra soil came from the side 'hill' which had extended into the yard almost to the garage; behind Jack you can see the retaining and dry-stacked walls that hold back what is left of it. On the leveled area, Aiko built ponds, walkways and two patios, then added an elevated kitchen garden and terraced rose beds. Several varieties of blueberries are set in containers against the wall along the driveway; they were so full of fruit, I took note of the most prolific varieties. Curious? Look for *Sharp Blue*, *O'Neal*, or *Emerald* blueberries.

Knowing little about ponds in the beginning, the learning curve has been enormous. About the second pond Aiko said, *"The first two years, I lived in that pond as much as the fish! String algae!"* After that she finally surrendered to a monthly maintenance service; the water is always clear, you can see into the depths, and her fish are easily viewed. She doesn't worry about algae any more

Only about 16 koi call the pond home: *"I try to count them, but they keep moving!"* All the ones from Barstow Koi are gone; *"The predators seem to know when you paid money for koi!"* the pond design protects her koi now: the sides are steep enough that nothing can walk in, and the fish have places to hide.



Having the club to her house seemed to intimidate Aiko, yet she was a wonderful hostess and polished speaker. As Nick tried to interview her (*below*), you can see behind them a hint of stairs leading up to a wonderful roofed pavilion in the far right corner; offering an overlook of the pond, it's tables suggested a secluded dining — or dancing — space. The shaded patio was set for us with several tables and chairs, but the sunnier pond patio was the best place to be. And indoors, a great sunroom was set for the buffet, keeping any bugs at bay outdoors. Aiko even made several Asian dishes for us!



Our only guests of the day were neighbors, **Jim & Irene Haynes**. They stayed and chatted with us about their hopes for a pond:

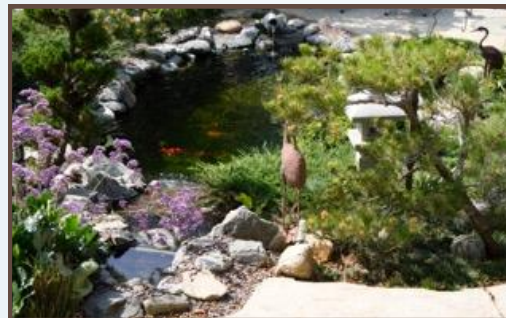
*"There's room for it, but not yet...."* We encourage people with unsettled plans to talk with a local koi club; there's so much to learn, you don't want to do it without a lot of research. Let someone else make the mistakes so you can learn from them!

We were pleased to see several members who hadn't been to a meeting for a while show up, including

**Jim & Tess Poyle, Larry & Dorothy Wolf, and Scott & Phyllis Zehm.** **Bob & Bonnie Henry** were back, too, after Bob being seriously ill the first of the year. The good news is that he is done with the pneumonia; the bad news, they found his heart functioning at only 20%, which effectively curtailed most of his activities and his work, and put an end to his passion for donating blood every other Tuesday. He has kept our donor program going almost singlehandedly. Now it's our turn!

On a brighter note, **Mary Leever** was looking forward to cataract surgery on March 26; must call to see how it went. As the meeting came to a close, Aiko was teaching us how to cut the halved oranges she brought to the last meeting. Finally, Larry ran the drawing in Rob's absence. Rob & Deanna sure do a great job of finding interesting things for that table!

*Donise Lei, photographer ~ Thank you!*





## Filter Equipment for Sale

In a note from Phil Hunter, we hear he has recently up-graded his filters to include a **ProfiDrum** rotary drum filter. He ended up with six large filter chambers to sell, but only has two left. Anyone ready to build a pond or upgrade their filtration system?

*(Could he really up-grade the fantastic system he had? We'll all have to check out his under-the-deck filter room when we visit in June!)*



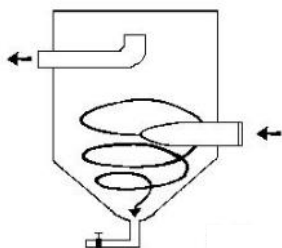
### Equipment for Sale

**One Patio Ponds vortex chamber and one Patio Ponds filter chamber with lids. Each chamber holds approximately 225 gallons. Dimensions are 43 1/4" diameter x 39" high. \$75 each. I also have three W. Lim Vortex Micro Strainers for sale at \$50 each.**

**If interested contact Phil Hunter, 951.587.0476, or email at [philhunter47@gmail.com](mailto:philhunter47@gmail.com)**

If you have any doubts about the efficiency of a **vortex chamber** then do try to visit a pond keeper that has one in use; you will be quite impressed with it. Careful thought must be given to the correct size of your vortex chamber(s) when designing your koi pond, taking into account the necessary pump rate.

This rough sketch shows the basic idea for the Vortex chamber. The inlet from the pond's bottom drain passes through the inlet just above the cone section of the chamber. The inlet is positioned so that the water flows around the side of the vortex, and then rises up and out through the outlet at the top, and passes into the next chamber of the filter. The solids will then fall to the bottom of the cone, and can be flushed away as necessary.



*Here in Southern California, we've pretty much ignored the calendar, skipped Spring, and jumped right into Summer! The tranquil silence and inactivity in our winterized ponds has been broken and the koi are begging for attention. Is it too late to make New Year's resolutions? Never! A new year starts every day!*

## A Koi Keeper's New Year's Resolutions

By Wally Hathaway, K.O.I.

### 1. EXERCISE RESTRAINT

**I resolve not** to buy every koi that I want with little regard to the problems that overstocking my pond can cause, now and in the near future....

### 2. BE DILIGENT

**I resolve** to care for both my pond and fish needs so that I am proactive rather than reactive. This includes, but is not limited to, regular water testing and action if indicated, quarantining, maintenance, and proper feeding....

### 3. LEARN MORE

As an ever evolving hobbyist, **I resolve** to read, network with other Koi keepers, and research about both what I am doing and why, rather than just winging it....

### 4. PERFORM REGULAR MAINTAINANCE

**I resolve not** to postpone routine and necessary chores like back flushing my filters, doing water changes and cleaning out debris as it begins to accumulate, assuring proper flow, and preparing for seasonal transitions in a timely manner....

### 5. KEEP A JOURNAL

**I resolve** to keep a record of my koi which would include when and where purchased, size, age, color, and some photos. I will also make entries about system problems, my actions, and the results....

### 6. ENJOY

**I resolve** to take some time each day to enjoy my beautiful hobby of Koi and pond keeping....



Thanks to Koi Organisation International for this article.

**When we examine the health of our Koi**, almost without fail, predating whatever illness we diagnose is a problem with water quality. We all know this, but all too often we are lulled into a false sense of security because of the clarity of our water and the findings of a normal pH and temperature. Is that all we should be monitoring? Why is it that we spend hundreds or even thousands of dollars on fish, yet we sometimes skip the ten or twenty dollar purchase of an ammonia or nitrite test kit? Remember that even a crystal clear pond might contain toxic levels of chemicals potentially lethal to your fish, while an algae bloom might look terrible (and make it difficult or impossible to see your fish) but actually might be beneficial to your fish.

**Our ponds are artificial, self-contained ecosystems.** Koi are ammonotelic; that is, the majority of their nitrogenous waste is excreted by diffusion (*the movement of a substance from an area of higher concentration to one of lower concentration, attempting to achieve equilibrium*) via the gills into the water as ammonia. Ammonia is excreted in two forms:  $\text{NH}_3$  is the toxic form, and  $\text{NH}_4^+$  is the ionized and non-toxic form. The relationship between these two forms is greatly pH- and temperature-dependent. The higher (*more alkaline*) the pH, the greater the amount of (*toxic*)  $\text{NH}_3$ , while the lower (*more acidic*) the pH, the greater the amount of (*non-toxic*)  $\text{NH}_4^+$ . The colder the water, the more  $\text{NH}_3$ ; the warmer, the more  $\text{NH}_4^+$ . Because of Koi's body temperature and blood pH, most excreted ammonia is in the form of  $\text{NH}_4^+$ ; this can change quickly depending upon the pond environment.

**Our biofilters** become populated with families of bacteria that convert ammonia to nitrite. Nitrite is also a very toxic substance. Unlike ammonia, it does not come directly from Koi, but is formed almost solely in the filter or source of that family of bacteria. Because nitrite does not come from the Koi, when it contacts the Koi's gills it enters the fish by diffusion (*again from the area of higher concentration, the pond, into the lower concentration of the Koi blood*), binding hemoglobin in the blood and rendering it unable to carry oxygen.

**A second population of bacteria** grow in our biofilters to convert nitrite to nitrate, fairly harmless to Koi but usable by algae and plants. As the Koi eat the algae and plants, this cycle begins all over again. The bacteria that convert nitrite to nitrate are the most susceptible to aberrations in water quality and are therefore the first to decrease in number.

**Causes of excess ammonia and/or nitrite** may include overstocking, overfeeding, low oxygen saturation, an undersized biofilter, an immature filter (*in which the bacterial colonies have not increased to a sufficient number yet, such*

*as in the Spring*), a dirty filter, a filter too aggressively or too frequently cleaned (*especially if tap water is used*), or use of chemical treatments that may have harmed the bacteria.

**Symptoms of high ammonia** may include lethargy and red streaking.

**Symptoms of high nitrite** may also include lethargy (*fish sometimes lying on the pond bottom, though swimming up for food before going down again*) and flashing.

**There are two types of test kits for ammonia**, Nessler and Salicylate. The Nessler uses one drop or tablet in a vial of pond water; the color goes from clear to shades of yellow and red. The Salicylate uses two steps of drops or tablets in the vial, and the color goes from yellow to shades of yellow to blue or green. The problem with the Nessler test is that if you are using treatments in the water that bind ammonia, it still reads that ammonia is present, while the Salicylate will not. Just use a Salicylate-type Ammonia test kit to avoid false readings. Nitrite tests usually will change from clear to purple.

**Treatment for high ammonia** may include water changes to dilute it, and binders such as *ChlorAm-X* or *Ultimate*, which change ammonia from its toxic form to its non-toxic form. In its non-toxic form, the ammonia is still present and will feed the filter, but it is not toxic to the Koi. That is why Koi shows use *ChlorAm-X* or *Ultimate* plus aeration, rather than a filter. Neither product can be over-dosed (*Koi can live in pure Ultimate!*), and an excess just stays in the water waiting to convert any passing ammonia molecule. These two products have been tested and are safe for Koi, while substitutions have been known to cause numerous problems.

**Treatment of high nitrite** includes water changes, a suspension of feeding, salt to 0.1%, and increased oxygenation.

**In all cases, try to address the underlying cause**, especially by checking your filter. In the Spring, check these water parameters with your test kits daily until your bacterial colonies are populated, then test weekly; when stable, test once each month. These simple precautions may prevent a small problem from evolving into a disaster!

- See more at: <http://koiorganisationinternational.org/>



**ChlorAm-X:** This water conditioner doesn't just bind the ammonia, it eliminates it.



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We hope you'll visit us soon!

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## Hints on Photographing Koi

Good koi photography is not easy but can be accomplished with some practice and knowledge. Study photography in koi magazines to get an idea of proper composition and results. I offer some tips and suggestions on taking koi portraits.

There are two key aspects to taking good koi portraits: Equipment (camera, lenses, filters, flash, printers, tubs, etc.) and Technique.

**Any good quality camera can be utilized.** Photographic technique and a good amount of luck play a large role in how your photos will turn out. For purposes of this article I am going to focus on using a digital camera, but the basic techniques would be the same for any camera. The key features I would look for in a digital camera are:

•**Speed of Capture** (very important) How long from the time you push the shutter until the photo is captured. **Koi move quickly so you want a fast capture rate.** Yes, faster speeds are mostly found on medium to high-end models.

•**Lens quality** determines the quality of your photos. Some newer digital cameras are built to utilize regular photographic lenses which generally have better quality than fixed nonchangeable lenses. A good lens choice is something like a 28mm - 75mm zoom. This provides the ideal range to cover most koi photo situations, allowing you to **zoom in on the koi without having to get so close that you spook the subject.**

•**Auto focus** is very helpful, but understand its limitations. Red pigment on curved surfaces totally confuses auto focus systems causing out-of-focus photos. To avoid this, **focus on the pupil of the eye or the leading edge of the dorsal fin** as your auto focus needs an optical contrast to auto focus on.

•**Print digital photos** on a photo printer with special photo inks and paper, or take your camera/disk to a photo processor to process your photos. A normal home printer with regular paper creates a poor image.

**Technique is the tricky part.** Forget trying to get a decent portrait in your pond: it just won't happen. It is very helpful to have an assistant to help you handle and photograph koi. Not only can they do the koi netting and such to help you keep your hands and camera dry, but they can also help with positioning the koi, etc.

•**Photo Tub:** Use a medium blue tub as lighter or darker colors tend to affect the koi and photo colors. Rectangular tubs work much better than round as koi tend to swim around in circles next to the edge in round tubs.

•**Water Level:** Too shallow and the surface will continually be broken and the koi shape will look deformed. Too much water will also distort the koi image. Usually you need to cover the raised dorsal fin by about 2-3 inches to get it just right.

•**Tub and Photo location:** Select a location that is as safe as possible for the koi and in a solid shaded area. Never leave a tub with a koi unattended, or make sure the tub is securely covered. Let the water and the koi settle down before you start.

•**Photo Angle/Position:** You want to take the koi portrait from the front, head-on, at about a 60 degree angle to the water level. Shoot from too low an angle and the koi's head appears gigantic and the rest of the body tiny. Shoot from too high an angle and the flash will bounce off the surface and obscure the koi. Shoot in portrait or vertical position, NOT landscape/horizontal position. Do not waste time taking shots of the koi from the side, rear or odd angle. Straight, head-on is all you want.

•**Framing:** Do not zoom in too close. You need the entire koi in the photo from head to tip of tail. Try to keep the koi centered. Another advantage of digital photography is you can use photo software to crop or rotate your photos slightly to the desired effect. Make sure the koi is in the center of the tank and not hugging the sides or having its nose in the corner. It is important that the photo emphasizes the imposingness of the koi. The most important features are the pectoral fins: they should be extended in a normal relaxed position and not clamped to its sides or twisted/reversed as the koi back pedals out of the frame.

•**Patience:** You need patience to wait until the koi is still. Don't chase it round the tub: it will spook the koi and frustrate you. Take lots of shots. This is an advantage of a digital camera: you can tell when you need more shots or when you have gotten the one you want.

•**Focus:** It's critical that you hold the camera steady and squeeze the shutter gently; any shaking of the camera will ruin the focus. Keep the focal target on the koi's eyes or front dorsal ray; if the tail is slightly out of focus it is OK but the front and eyes must be sharp to be a good photo.

•**Flash:** Best results are obtained in a solid shaded light augmented by controlled flash photography. Keep the camera/flash angle at about 60 degrees to the water surface to keep flash from being reflected back into your lens.

~Information taken from an article by Ray Jordan




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## SAVE THE DATE



### 68th Annual Riverside Community FLOWER SHOW & GARDEN TOURS

2015 Theme: "Ocean of Blooms"  
Flower Show at the Elks Lodge  
6166 Brockton Ave., Riverside

**Saturday, April 25, 2015**

Gardens 10 am - 4 pm • Show 1 - 6 pm

**Sunday, April 26, 2015**

Gardens and Show 10 am - 4 pm

**Tour of Six Private Gardens**

\$10 Presale or \$12 donation at the door

Tickets & Maps available at Elks Lodge at 9 am Sat

Children under 16 FREE with paying adult. Presale locations listed on the website

For more info, go to [RiversideFlowerShow.info](http://RiversideFlowerShow.info) or call 951-777-0746



happy mother's day

Sunday, May 10

## Kimberly Crest House & Gardens



Public Tours Thursdays, Fridays & Sundays, 1-4pm  
1325 Prospect Drive, Redlands 92373  
[www.KimberlyCrest.org](http://www.KimberlyCrest.org) ~ 909.792.2111  
Visit the Koi Ponds when you tour the grounds.

## Tea on the Terrace

Saturday May 16, 2015

3:00 p.m. to 5:00 p.m.

For information and tickets visit [KimberlyCrest.org/teaontheterrace](http://KimberlyCrest.org/teaontheterrace)

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**TAMALE FESTIVAL** ~ Celebrate Latino heritage with food, music & fun. White Park, Riverside. [www.riversidetamalefestival.weebly.com](http://www.riversidetamalefestival.weebly.com)

19

**IKS POTLUCK MEETING** ~ 2-5 pm, at the Kushners' home in Corona. 951.520.0092 for more info

22

**IKS BUSINESS MEETING** ~ 7pm / All IKS members welcome! ~ 6531 Box Springs Blvd., Riverside 92507

22-26

**100th NATIONAL ORANGE SHOW** ~ 689 S. E St., San Bernardino. Info: 909.888.6788, [www.nosevents.com](http://www.nosevents.com)

25-26

**RIVERSIDE FLOWER SHOW/Garden Tours** ~ Elks Lodge, 6166 Brockton Ave., Riverside. [RiversideFlowerShow.info](http://RiversideFlowerShow.info). IKS Display Pond set-up: Friday, 4 pm; tear-down: Sunday, 4 pm

29

**AUCTION COMMITTEE MEETING** ~ 7pm at Nick Milfelds'

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10

**MOTHER'S DAY** ~ A day to honor the women in our lives!

16-17

**OLD TOWN TEMECULA WESTERN DAYS** ~ Celebrating the 1849 Gold Rush Days. [VisitTemeculaValley.com](http://VisitTemeculaValley.com)

17

**PRIMAVERA in the GARDENS** ~ UCR: foods, local wines, craft beers, art & music in the Botanic Gardens, 2-5 pm. [www.gardens.ucr.edu](http://www.gardens.ucr.edu)

25

**MEMORIAL DAY** ~ Lest We Forget the Price of Freedom

27

**AUCTION COMMITTEE MEETING** ~ 7 pm at Nick Milfelds'

29-31

**TEMECULA VALLEY BALLOON/WINE FESTIVAL** ~ Lake Skinner Rec. Area, 37701 Warren Rd, Winchester 92596. [www.tvbwf.com/](http://www.tvbwf.com/)

30

**IKS KOI AUCTION & EQUIPMENT SALE** ~ 9 am-2 pm. Milfelds' Nursery, 2550 Adams St., Riverside. **Workers @ 8am**

For April and anytime, check out the Huntington Library & Gardens for things to do: <http://www.huntington.org/>



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Sun. 4/19: 10am - 1pm

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## AKCA Business Meeting, Wet Lab & Banquet

hosted by the Camellia Koi Club

**JUNE 20<sup>TH</sup>-21<sup>ST</sup>**

**KHA Wet Lab Instructors**  
Nick Saint-Erne, DVM  
Julie Miller, KHA Director

**Hotel registration**  
Register online at [http://hiltongardeninn.hilton.com/en/gi/groups/personalized/US/SHSNGI-WOK-1U-20150619/index.jhtml?WT.mc\\_id=POG](http://hiltongardeninn.hilton.com/en/gi/groups/personalized/US/SHSNGI-WOK-1U-20150619/index.jhtml?WT.mc_id=POG)

**For additional information contact:**  
Brenda Chandler  
(949) 650-5225 ([donnbda@aol.com](mailto:donnbda@aol.com))  
Jean Jahr  
(916) 735-8830 ([jkjahr@gmail.com](mailto:jkjahr@gmail.com))

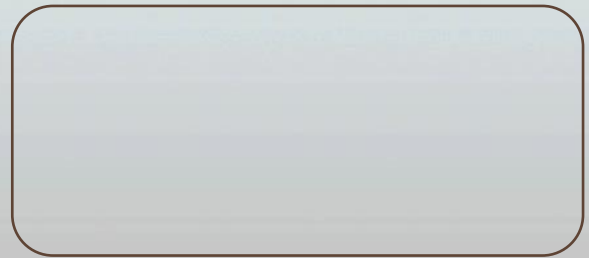
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