IKS General Meeting
Sunday, June 24 ~ 2-5pm
Host: Inland Koi

18122 Mt. Washington St.
Fountain Valley 92708
714.438.0087
The IKS Board has changed its meeting time to the second Sunday evening at 5:00 or 6:00 pm; they will share hosting the meetings and providing simple refreshments. Members are welcome to attend, but should let the hosts know their intention to do so.

June 10 was again a combined business and pond tour meeting, hosted by the Kushners at 5PM, with dinner served before business began; 15 attended, including the Pond Tour Committee members, for a final tour review.

• April 22 at Francine Hoffman’s in Riverside: A brutally hot day for April, et 56 attended, representing 31 families. Members took advantage of all the available shady seating, making it difficult for speakers to see the whole audience. Spike Cover was voted Koi Person of the Year and gave an informative talk on Koi Herpes Virus (KHV). The Milfelds’ 16-18” Doitsu Showa was voted Koi of the Year out of four entries.

• Membership to date is 77, with 11 new members since January.

• We need hosts for Summer & Fall; call Ed Kushner to volunteer.

• Koi Rescue: No recent calls, but Ed rehomed 18 koi during the Pond Tour and accepted $690 in donations to the IKS rehoming program.

• 2018 Scholarship: No applications were received for this year.

• AKCA Report: Leadership voted for a 2018 Austerity Program aimed at saving the organization an estimated $11,000 per calendar year. Included in the proposals were increases in AKCA dues* to $150 (currently $100 for each club; requires a Bylaws amendment), and in Premium Liability Insurance* to $150 (currently $125), while dropping insurance for Directors/Officers, and on non-AKCA-owned autos. Other savings will be realized by suspending purchase and shipping of various trophies for Koi of the Year and koi shows. *(Annual dues includes liability insurance for regular meetings, while the Premium Liability Insurance covers special events; both take effect only after the site owner’s insurance is used.)

• Pond Tour Saturday, May 12: •A disappointing turnout on a drizzly morning on Mothers Day weekend; was it weather, conflicting events, poor advertising, or a combination? •New this was allowing vendors to set up booths at some of the sites. •Review of expenses show we probably overspent on several sides, correctable next time; not re-printing T-shirts saved a lot.

• Next Board meeting: Sunday 1 July, at 5pm at the Broomfields’.

Peggy Milfeld, Secretary Pro tem  
©(_‘_`)©
It’s been a year and a half since we visited Inland Koi, and given our luck with Spring weather this year, we are blessed to be invited indoors for this first-weekend-of-Summer meeting. Joe & Peter Cao are such gracious hosts, and they have again offered their teak furniture showroom for our potluck. While there are tables for a real dining experience, they are limited in number, as are the seats, so we suggest you bring your chairs just in case. [Need new patio furniture? Shop today!]

Not only that, we have the koi showroom to explore. Inland Koi, our used-to-be-local dealer, imported Japanese koi to their Riverside home for years, maintaining tanks around a converted swimming pool that held their biggest and best! Some time back, they moved to a commercial building in Riverside and designed a wonderful display system for the koi, which they moved to the larger, centralized Fountain Valley location to cater to more hobbyists. It’s a long commute every day from Riverside, but only for one of the brothers; the other lives nearby. It has often been convenient to order a big bag of food and pick it up in Riverside because the car’s coming this way anyway!

Lunch will be followed by a presentation by the brothers. Usually quiet and not given to public speaking, we’ll get them talking about the business, their koi, and answering any questions you have for them, too. And, of course, we’ll have lots of time to check every tank and every shelf ….

A well-stocked store is a delight in any market and Inland Koi has an huge selection of koi in all sizes and prices. The latest shipment arrived last month and the tanks are full; you can even shop online in advance and use the meeting as a pick-up day. [Just make sure your QT tank is ready to go, with one of your own already settled in.] Inland Koi carries all the equipment you could need, a complete selection of related products, medications, foods, etc., as well as their beautiful collection of teak garden furniture. We are free to shop and can ask for their advice on all of the products and equipment.

Now is the perfect opportunity to stock up on everything we need as temperatures really warm up; our koi are wide awake and ready for Summer growth. Do you have a good water test kit, common chemical treatments…DeChlor, Amquel, etc.? Getting ready to build your pond? Come look at equipment, dream and drool over the koi you want for it, pick a few brains for advice and inspiration.

Do plan to make the drive for this meeting. From the Riverside area, it’s actually closer than running down to Temecula, although from there or points south, it’s admittedly farther. We try to keep things local, but we’re so spread out that local isn’t a common denominator for everyone. This is a time to try carpooling: good company always makes the trip more pleasant! ❨ Derrick

Last month, Larry & Debby Leverett cleaned out bags and boxes and buckets in their garage (and Nick cleaned ours) to put in one place all the soda can pull tabs you have turned in over the last couple of years. Weighed at the Ronald McDonald House in Loma Linda, IKS was credited with a turn-in of 125,040 tabs to support the House’s recycling program. That’s a lot of soda, folks! Thank you!!
**Membership Renewals**

**RENEWALS RECEIVED TO DATE ~ FINAL LISTING**

As of April 11, our mail list was culled to the list below. Renewals may still be submitted and the names will be put back on the list, but I won’t print this list again. If you miss someone who is not listed here, give them a call and encourage them to come back to us.

The Directory will again be available at this month’s meeting. Donise Lei has taken pictures of members, singly or as couples or families, at meetings throughout the last year, but I still have no photos of those marked with an asterisk. A few people have sent me selfies to be used in the directory; phone photos work great. Ask a friend to take one for you and forward it to me at peggymilfeld@inlandkoisociety.org I can use them for updates throughout the year.

**Thanks for your help in making the photo Directory possible!**

Aker, Brenda  
Alexander, Gavin & Stephanie  
Atkiss, Paul & Cheryl  
Banaag, Rod & Ellen  
Blais, Armand & Evelyn  
Broomfield, Ed & Louise  
Brown, Ed & Trina  
*Chandler, Don & Brenda  
Coby, Tony  
Corser, Mark & Corinna  
Cover, Spike & Ginger  
Driver, Teresa  
Fales, Rob & Deanna  
Fowler, Cynthia  
*Frady, Mike & Carolyn  
*Grill, Nicolette  
*Haltermann, Perry & Janice  
*Hamilton, Carole  
Hanson, Orville; Peggie McManigal  
Henry, Bob & Bonnie  
Henry, Richard & DeeDee  
Hille, Chuck & Ping  
Hoffman, Francine  
Houston, Kelly (honorary)  
Hunter, Phil & Rachel  
*Hurley, Steve & Patricia  
Kovacic, Michael & Diane  
Kushner, Ed & Linda  
Leever, Carl & Mary  
Lei, William & Donise  
Lentz, Mitch & Connie  
Leverett, Larry & Debby  
*Liette, Mary Ann  
*Lyneagh, Dorothy  
*MacLaren, Ed & Lynn  
Mall, Jerry & Pat  
Marchant, Shirley  
Marrin, Jack & Norma  
McClain, “Mac” & Jill  
McNut, Roy  
Miles, Pete; Kazuko Bednay  
Milfeld, Nick & Peggy  
Mouw, John & Cricket  
*Murakami, Ken & Donna  
Nyirady, Steve & Laura  
*Padgett, Doug  
Parraga, Jim & Estela  
Parsons, David & Hilda  
*Pierce, Al & Tamsie (honorary)  
Pollock, Alan  
Poyle, Jim & Tess  
Rein, Lloyd & Joy  
Richardson, Wayne  
*Ross, Tom & Zuma  
Rowland, Audrey  
Sharpe-Nobles, Chrisie  
Simas, Dan & Nancy  
*Simmons, Bob & Vickie  
Taggart, John & Kathy  
*Thomas, Scott & Liane  
Thompson, Denny & Carole  
*Walters, Bob & Martha  
Watson, Alvin & Darlene  
Weston, Vicki  
*Whalen, Mark & Charlene  
Wolf, Larry & Dorothy  
Wright, Tom & Tee  
Zehn, Scott & Phyllis  
Zoetemelk, Theo & Jeanne

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**Welcome to Our Newest Members!**

Write these folks into your Directory, seek them out at meetings, and make them welcome! More than fellow members, make them friends!

Referred by a Member:

1/2018: Jowar & Veronica Castro  
783 E. Marshall Blvd. ~ San Bernardino 92404

Rejoining us again: Welcome back!

1/2018: Nicolette Grill  
P.O. Box 302 ~ Hinkley 92347  
714.342.3352 ~ ironmnt2012@gmail.com

Rejoining us again: Welcome back!

3/2018: Tom Nguyen  
1674 Via Provincia Circle ~ Corona 92881  
909.208.5704

Referred by Ed Brown:

4/2018: Altan Ingrahm  
37878 Orlana Court ~ Murrieta 92563  
760.277.1983 ~ aroc214@yahoo.com

Referred by Ed Brown:

4/2018: David Kim  
9 Peppermill Lane ~ Pomona CA 91766

4/2018: Ruben Pandes [Pandasia Koi and Garden]  
21185 Canyon Drive ~ Wildomar CA 92595  
951.265.3691 ~ infopkoi@gmail.com

Referred by Ed Brown:

5/2018: Ruth Terrell  
16399 High Bluff Court ~ Riverside CA 92503  
909.519.1968 ~ Terreleclan@msn.com

Referred by Ed Brown:

5/2018: Janus Conner  
29585 Candelaria Lane ~ Nuevo CA 92567  
951.910.2296 ~ mconner102@gmail.com

5/12/2018: Gary & Janet Parks  
Riverside CA 92504 ~ 951.315.8273

5/12/2018: Jeff & Pam  
3745 Castle Reagh Place ~ Riverside CA 92506  
951.538.0080 ~ jeffpamjeffsaml@aol.com

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**New Members:** Our Member Directory includes photos of members and was available in April after the culling of members who did not yet renew. If you won’t be able to attend meetings for a while, please send me a selfie so you can at least be included in the next update, and then we’ll recognize you when we do meet!

Email photos to Peggy at peggymilfeld@inlandkoisociety.org

You can also share interesting photos with the club…. Just send me a picture of your pond, or of one you find on vacation, or of a special place you visit. Please identify the location: others may want to visit!

Thank you!
**APRIL 22 MEETING**

**Host: Francine Hoffman, Riverside**

“Come in, sit down, relax, converse...this half-acre property is full of pockets of peace and privacy, comfy corners for quiet conversations undisturbed — even in a crowd. Find a spot and settle briefly....”

Such was the introduction to Francine Hoffman’s garden and ponds last month. About the only thing that spoiled the day was the extreme and almost suffocating heat—so unexpected in April! Nevertheless, 56 members and friends arrived and snuggled into any shady spot they could find, anything to shelter from the sun, to grasp the slightest breeze. It didn’t matter if they could see what was going on or even hear the speakers: what was important was not melting into their shoes! With a Spring like that, what will our Summer hold?!

On the patio, in deep shade, were several tables for our lunch buffet, desserts, beverages, and the raffle table. Photos for Koi of the Year selection were also displayed there. For food and photos, people had to desert their cover briefly and scuttle right back, and at the end of the meeting, few lingered to chat! Our speakers—Linda Kushner as President, Francine as host, Nick, who managed the ‘of the year’ contests, Larry who gave a glowing tribute to Spike Cover as his nominee for Koi Person of the Year, and Spike, our featured speaker, all suffered in their jobs from the center of sunbathed cement.

Handling a hot topic quite technically, Spike Cover discussed KHV, the koi herpes virus which can wipe out a collection of fish in a matter of days and is a primary reason we harp on quarantining new fish. He provided a summary of the talk, listing “Things that are scary about KHV” and “Things we can do to try to protect ourselves (and our fish).”

Of particular interest to many people was the heavy bloom on the plant shown below. It is *Alstroemeria* (commonly called Peruvian lily or lily of the Incas), which comes in myriad colors, brilliant to pastel. It is an excellent garden plant that reseeds freely, and is also a popular cut flower used to express friendship and devotion, but they don’t have much of a fragrance. Each flower produces a half-inch green seedpod; when dry, brown and ripe, the pod explodes with an audible pop! and broadcast its seeds up to six feet if the way is unobstructed. Seeds germinate easily in the grass or amidst groundcover and shrubs. They prefer full sun, but will stretch to reach sunlight from a shaded garden. There is also a dwarf hybrid that doesn’t reseed.

Thank you to Donise Lei for all the pictures she took, many perfectly capturing the heat registered on each face! Her photos are featured in the new directory, and she and hubby William will be visiting all the ponds on the tour to make a photographic report. And thank you to Mary Leever and helpers who set up our buffets, to those who stay to clean up after each meeting, to the Watsons, Brenda Aker, and the Leverets for supplying beverages…. We couldn’t do it without all of you! ☺️

**Things that are scary about KHV:**

If it gets into your collection, KHV can kill a lot of fish. KHV establishes latency in koi it has infected but not killed; a latent koi is then called a carrier of KHV.

KHV doesn't have to cause the full blown disease in order to establish latency.

Latent koi can start shedding the virus, which can infect that fish or others; stress can bring this on.

KHV can survive in sediment (mud, or *mulf*, on the pond bottom) and in filters for a long time, maybe even years.

Koi are bottom-feeders and suck at the mud; one route KHV enters a koi is thru the gut.

Several other fish species can harbor, propagate, and shed KHV without showing clinical signs. If koi are kept with shedding carriers, those koi can be infected.

There is currently no good way to check easily and directly for latency, i.e., no commercially available simple test that searches for viral DNA in the koi. However, latency can be inferred by an antibody test (this requires a blood draw...not all that easy). There is no commercially available vaccine for KHV.

If a koi becomes actively diseased and/or a latent carrier, there is currently no cure for these conditions.

**Things we can do to try to protect ourselves (and our fish):**

Consider not introducing new koi into a “clean collection.”

Buy from reputable dealers. Many dealers have had KHV in their facilities. Buy from ones who own up to it and do what's necessary to clean up their facilities.

Quarantine new koi. Three (3) weeks at 70°F to 75°F is sufficient to observe a KHV outbreak (i.e., active disease); two (2) weeks at 75°F to 80°F is sufficient. Note: not all koi carrying the virus will break out with the active disease in a quarantine situation. Stressing the koi will facilitate an active breakout if the fish is carrying the virus.

You may want to consider having an antibody or viral neutralization test done to determine if a particular koi has antibodies to KHV. A positive test that the fish has antibodies and implies it is a KHV carrier. Such testing requires a blood draw, which is not all that easy.

Thank you to Spike for this simplified clarification of the technical presentation he gave. My mind was reeling! Hugs!
The Fales’ won “favorite pond” by one vote, perhaps for the smaller, more intimate—less intimidating—size and the complimentary use of changing elevations. The high corner, accessed from either side, is a great place to catch an afternoon breeze, relax with a glass of wine, and be mesmerized by the pond below. The borrowed landscape of hills extending to nowhere leave you looking down on your domain and realizing just how pleasant a place you have in this small lot.

Visitors to the Henry’s pond readily recognized the family fun and entertainment focus of the backyard, but I heard the greatest attraction was the family’s fully loaded travel trailer, which was opened for inspection after the tour.

Thye first thing anyone sees when approaching the Zoetemelks’ is the fully functional Dutch windmill. This photos even captures the replica grey leaden skies of the Netherlands, Theo & Jeanne’s homeland. Were people also offered a look inside the windmill? The second intriguing thing here was the window on the pond, allowing the owners to commune with their koi with morning coffee, or do a visual health check up close and personal.
The Nguyens’ formal pond is impressive for the size of the koi, their quality—show quality, but never shown to eliminate stressors, and the low-power efficiency of the filtration system. For many, this was an introduction to the RDF, a rotating drum filter, and a Bakki shower. Combined in an upgraded system to maximize performance and minimize the labor intensity, the filters keep the water crystal clear, and three Chinese hi fin sharks keep the walls and floor almost algae-free. Being satisfied with few fish helps the filters, too.

Tom Nguyen & wife welcomed us to their home.

The seeming simplicity of Mark Corser’s pond, as seen from the front, belies the amazing complexity of the filter system behind the wall of Bakki towers. The story here is environmental control — equipment, equipment, equipment — enough to boggle the mind... and provide pristine, crystal clear water for a dozen Japanese show koi. The guys were fascinated by the multi-step filtration and constant monitoring systems; the women and children were taken by the patio and pool complex designed for family recreation and relaxation.

Ed & Linda Kushner, with his sister and Orville Hanson, pause for pictures. Vendors Ponderiffic and Toba Fountains both had Booths to meet the public.

The Kushners were voted the second favorite pond: no competition with any other pursuits than relaxation and enjoying their koi. The shaded pond was completely redesigned just two years ago, with upgraded filtration added. The borrowed landscape beyond the fences is part of the Cleveland National Forest, providing seclusion and that mountaintop feel.

Everyone gathered here for our post-tour banquet and the presentation of recognition awards to the pond owners of the day. It was a time to relax and recount the highlights of a long day, to get off our feet and enjoy a fine catered meal. And there was time to draw two winning tickets for the prizes offered to those who filled out their ticket stubs. It was a long day, with cleanup still ahead; but for now...aahh....
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Doitsu Showa
2018 Koi of the Year

Four photos were submitted this year. The favorite was the #4 Doitsu Showa. The Milfelds have been trying to submit it for several years, but it is a shy creature that tends to stay under its pond mates. It is almost impossible to catch fish in their pond, so a tubbed photo just doesn’t happen! He is one handsome koi!

The winning photo was sent to AKCA for judging at the Annual Meeting & Wet Lab in San Diego this month.

Spike Cover
2018 Koi Person of the Year

Spike Cover has been a koi lover for many, many years. He has been a speaker at our club meetings as well as lecturing around the country to other koi clubs. He is the man behind the KHA (Koi Health Advisor) program of the AKCA, and was at the forefront of the Koi herpes epidemic. Over the years, he has contributed several articles to KoiUSA magazine.

If that were not enough, Spike is one of the founders of K.O.I. (Koi Organisation International), an on-line organization which focuses on educating koi lovers, teaching them the best practices to keep koi happy and healthy. This is an international group of experts and hobbyists that Spike helped bring together to benefit all of us in the koi community.

Spike and his wife, Ginger, have a beautiful pond and a relaxing back yard noted as a wild bird habitat, but Spike is usually busy with some koi experiment. He just can’t sit still! They are partial to our group and regularly make the drive north from San Diego to attend our meetings.

For his devotion to the hobby and to our club, IKS voted Spike Cover as our 2018 Koi Person of the Year.

I had a message from our Tennessee member, Paul Atkiss. He and Cheryl relocated in late 2016 from San Diego to Caryville, a small town of maybe 2400 in the northeastern corner of the state, close to Rocky Top and Oak Ridge — country song places. With greetings to everyone, he wrote,

“This picture was from the first time the pond froze; all three local rivers are still flowing under ice. Life is different here in East Tennessee. All the koi came through the winter in great shape.”

I tried to imagine our pond covered in snow, and as I looked out at the yard I realized it would be gorgeous! Pines and redwoods frosted, all the green turned white.... Big changes!

Thank you to Dain Corrales of Nijikawa USA and Iva Gaglione of Ultra Balance for so graciously supplying Inland Koi Society with a nutritional food supply for the Koi ReHoming Program.
Importers of high quality Japanese koi.
Complete line of koi & pond supplies.

Our ponds are full!
Newest shipment in May!
See our NEW ARRIVALS online.
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

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

Phone: (714) 438-0087
Website: www.inlandkoi.com
Email: inlandkoi@inlandkoi.com
Spring is for Gardening!

Add These to Your Calendar...

<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>10</td>
<td>IKS BOARD MTG &amp; POND TOUR REVIEW ~ 6pm / Host: Kushner, 1556 Vandagriff Way, Corona</td>
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<tr>
<td>22</td>
<td>IKS POTLUCK MEETING ~ 2-5pm / Tentative Host: Inland Koi-Peter &amp; Joe Cao, 18122 Mt. Washington St., Fountain Valley 92708 / 714.438.0087</td>
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<td>23-</td>
<td>AKCA-KCSD Wet Lab Seminar ~ Register online at <a href="http://www.fourpointssandiegohotel.com">www.fourpointssandiegohotel.com</a> /</td>
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<td>IKS BOARD MTG ~ 5pm / Hosts: the Broomfields, 427 Lee Ave., Claremont 91711 ~ 909.519.7026</td>
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<td>22</td>
<td>IKS POTLUCK MEETING ~ 3-6pm / Host Armand &amp; Eve Blais, 26723 Manchester Dr., Menifee 92586 ~ 714.717.2470 / Speaker: Ed Brown on “Aquatic Plantings in and around the Pond.”</td>
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<td>5</td>
<td>IKS BOARD MTG ~ 5pm / Hosts: the Milfields, 1644 Northhampton Dr., Riverside 92506 ~ 951.780.7395 Dinner to be served.</td>
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<tr>
<td>26</td>
<td>IKS POTLUCK MEETING ~ 3-6pm / Host Needed — would you like to volunteer your pond and yard for this month’s meeting? Call Ed Kushner, 951.520.0092</td>
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Now on sale at Barnes & Noble

**Travelling this Summer? Is there a Koi Show in your itinerary? If you’re heading north, here are four events to visit:**

**Puget Sound Koi Club**
20th Annual Young Koi Show
July 14th & 15th
Hoshi Koi, 5002 44th St., E. Tacoma, WA
Website: www.pske.us
Contact: Monte McQuade ~ montwila@comcast.net

**Northwest Koi & Goldfish Club**
38th Annual Koi & Goldfish Show
July 27th through July 29th
Held in conjunction with the Natsu Matsuri
Oregon Summer Festival, “Uwajimaya”
10500 S.W. Beaverton Hillsdale Hwy, Beaverton, OR
Website: www.nwkg.org
Contacts: Daren Beck 503-507-8510 ~ beckoi65@gmail.com or Virginia Hokkanen 503-784-1966 ~ atdumboko@msn.com

**Idaho Water Garden & Koi Society**
25th Annual Koi Show
August 25th
Idaho Botanical Garden, Boise
Website: www.iwgks.org
Contact: Sot Chimonas 208-286-0288 ~ sotchimonas@msn.com

**Washington Koi & Water Garden Society**
27th Annual Koi & Water Garden Show
September 22nd & 23rd
Sky Nursery, 18528 Aurora Ave. N, Shoreline, WA
Website: www.washingtonkoi.org
Contact: Don or Lori Lyman ~ lorielymann@comcast.net

It’s all about koi!

**Equipment Available for Members to Borrow**

Have you ever had an emergency with your pond that required draining it for repairs? Inland Koi Society has some temporary (soft-sided show) ponds that can be borrowed to help you out. We request a $50 “security” deposit for the use of club equipment, which will be refunded when the equipment is returned clean, undamaged, and in working order.

The deposit has become necessary as an incentive to use the club property with care and respect; it takes time to clean, repair, and restore equipment so others might use it in the future. The deposit is minor — and did I say refundable? — considering the value of the equipment we keep. Our goal is to be able to help our members when there is a need.

Contact Larry Leverett, our Properties Manager, for help identifying what you need and what we have in storage that will help. He will check it over with you before and after use and collect the deposit. He can be reached by phone at 951.781.3887, or by email at larryleverett@inlandkoisociety.org.